



ЕВРОПЕЙСКИ СЪЮЗ
ЕВРОПЕЙСКИ СТРУКТУРНИ И
ИНВЕСТИЦИОННИ ФОНДОВЕ



ОПЕРАТИВНА ПРОГРАМА
НАУКА И ОБРАЗОВАНИЕ ЗА
ИНТЕЛИГЕНТЕН РАСТЕЖ

APPENDIX

Curriculum Vitae

Position in the project: member of the research team

PERSONAL INFORMATION

Name	STANEVA, JOANNA, VALENTINOVA
Address	EDISSON 32, SOFIA, 1111, BULGARIA
Telephone number	
Fax	
E-mail	jstaneva@icbm.de
Nationality	Bulgarian
Date of birth	26, 02, 1970

WORK EXPERIENCE

- Dates (from-to) December 2007 - ongoing
- Employer's name and address Institute for Coastal Research, Helmholtz Centre Geesthacht (HZG), Max-Planck-Str. 1
21502 Geesthacht, Germany
- Occupation
- Position held Senior scientist
- Main activities and responsibilities Physical Oceanography, Numerical Modelling, Coupled model development, Development of coupling wave-circulation-atmosphere models, Development of tools based on coupled Earth system I models to study the impact of different pressures (e.g. climate, anthropogenic) on ocean state, Data assimilation for the coastal ocean forecasting systems, PI of national, European and Internationally funded projects, Different reviewer and editorial activities

	▪
Jun 2003-December 2007	Researcher Integrated modelling and planning support linked to the Sea and Coastal Environment (IMPULSE) Group University of Oldenburg, Oldenburg, Germany ▪ Integrated modelling and planning support linked to the sea and coastal Environment, ▪ Coastal oceanography, physical oceanography ▪ Integrated coastal zone management ▪ Climate change ▪ Development of ocean numerical models that coupled the physics and biogeochemistry ▪ Synergy between model and data ▪ Teaching ▪ PI of several European and national funded projects ▪ Business or sector Academic/University
January 2001-June 2003	Researcher Climate System Division Alfred-Wegener Institute for Polar and Marine Research, Bremerhaven, German ▪ Climate Modelling, global ocean circulation modelling ▪ Sea level change ▪ Data assimilation- 4DVAR ▪ Business or sector Research on Climate Change
Jan 1998 – December 1998	PostDoc Écologie des Systèmes Aquatiques Universite Libre de Bruxelles, Belgium ▪ Coupling physical and biogeochemical models for the Black Sea ▪ Black Sea ecosystem model development ▪ Development of tools to study the impact of various pressures (antropogenic, climate change) on the Black Sea ecosystem Business or sector University/Academic-Research
December 1999 – December 2000	Researcher Climate System National Institute of Meteorology and Hydrology ▪ Black Sea modelling, Black Sea operational activities, ▪ Coupled physical-biogeochemical models for the Black Sea ▪ Modelling of marine environment ▪ Operational model developments Business or sector Operational Services/Scientific Institution
February 1994 – November 1999	PostDoc Department of Meteorology and Geophysics University of Sofia, 5 James Bourcher street 1126 Sofia, Bulgaria ▪ Coastal and regional oceanography ▪ Black Sea physical oceanography, ▪ Black Sea modelling ▪ Modelling of marine environment ▪ Teaching Business or sector University/Academic

EDUCATION AND TRAINING

- Dates (from-to) June 1998
- Name and type of training or educational organization Department of Meteorology and Geophysics, University of Sofia, Sofia Bulgaria, Thesis: "Response of the Black Sea water mass formation on air-sea interaction"
- Main subjects covered or professional skills acquired Physical Oceanography
- Name of the acquired qualification PhD in Physical Oceanography
- Level according to the national classification (if applicable) PhD in Physical Oceanography
- Dates (from-to) June 1993
- Name and type of training or educational organization Department of Meteorology and Geophysics, University of Sofia, Sofia Bulgaria, Thesis: "Heat Balance of the Black Sea"
- Main subjects covered or professional skills acquired Physics, Speciality: Meteorology and Geophysics
- Name of the acquired qualification
- Level according to the national classification (if applicable) Higher Education in Physics

PERSONAL SKILLS AND COMPETENCE

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas

MOTHER LANGUAGE

Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	C1	B2
German	C2	C1	C1	B2	B2
Russian	B2	C1	B1	B1	A2

PUBLICATIONS IN PEER-REVIEWED JOURNALS WITH IMPACT FACTOR (OR SJR) AND NUMBER OF CITATIONS OF THE SCIENTIFIC PUBLICATIONS

SCOPUS ID NUMBER,.....PUBLICATIONS....., CITATIONS.....
APPENDIX 1: LIST OF PUBLICATIONS INCLUDING CITATIONS FOR THE ENTIRE PERIOD OF RESEARCH ACTIVITY

PARTICIPATION IN INTERNATIONAL SCIENTIFIC CONFERENCES.

MORE THAN 200 (MORE THAN 20 AS INVITED SPEAKER)
APPENDIX 2: EVIDENCE FOR PARTICIPATION IN INTERNATIONAL SCIENTIFIC CONFERENCES

PARTICIPATION IN PROJECTS ON
A COMPETITIVE BASIS, AS A
PROJECT COORDINATOR/TASK
LEADER/SUBPROJECT LEADER
OR MEMBER OF THE RESEARCH
TEAM

PRINCIPLE INVESTIGATOR OF VARIOUS NATIONAL AND INTERNATIONAL PROJECTS:
EU-FP5 PROJECT: NUTRIENT MANAGEMENT IN THE DANUBE BASIN AND ITS IMPACT ON THE BLACK SEA –DANUBS. RESPONSIBLE FOR THE MODELING WORK PACKAGE.
EU-FP6 PROJECT: ASSEMBLAGE: ASSESSMENT OF THE BLACK SEA SEDIMENTARY SYSTEM SINCE THE LAST GLACIAL EXTREME, EVK3-CT-2002-00090
EU-FP6 PROJECT: PROPOSAL N° 036949-2 SESAME: "SOUTHERN EUROPEAN SEAS: ASSESSING AND MODELLING ECOSYSTEM CHANGES" (01.11.2006-31.10.2010)
EU-FP6 PROJECT: PROPOSAL N° 036355-2 ECOOP: "EUROPEAN COASTAL-SHELF SEA OPERATIONAL OBSERVING AND FORECASTING SYSTEM (01.02.2007-31.01.2010).
DFG RESEARCH PROJECT: "BIOGEOCHEMISTRY OF TIDAL FLATS" (01.04.2007-31.03.2009)
MONITORING AND PLANNING SUPPORT OF THE GERMAN BIGHT, GERMAN SCIENCE FOUNDATION PROJECT (03.2010-02.2012
EU-FP7 UPRDE BS-SCENE - BLACK SEA SCIENTIFIC NETWORK, 226592
EU-FP7 PERSEUS: POLICY-ORIENTED MARINE ENVIRONMENTAL RESEARCH IN THE SOUTHERN EUROPEAN SEAS, 287600
EU-FP7 CoCoNET: TOWARDS COAST TO COAST NETWORKS OF MARINE PROTECTED AREAS (FROM THE SHORE TO THE HIGH AND DEEP SEA), COUPLED WITH SEA-BASED WIND ENERGY POTENTIAL, Nr. 287844
GERMAN FUNDED PROJECT: WIMO „WISSENSCHAFTLICHE MONITORINGKONZEPTE FÜR DIE DEUTSCHE BUCHT, GERMAN PROJECT“ - MONITORING CONCEPTS FOR THE GERMAN BIGHT
RESPONSIBLE FOR TP19.4 IN EU-FP7-MYOCEAN-2 PROJECT : COUPLING WAVE AND CIRCULATION MODELS
RESPONSIBLE FOR TP19.4 IN EU-HORIZON2020 MYOCEAN-FO PROJECT: COUPLING WAVE AND CIRCULATION MODELS
PI OF COPERNICUS BS-MFC PROJECT – RESPONSIBLE FOR THE WAVE MODELLING
COORDINATOR OF COPERNICUS PROJECT WAVE2NEMO

APPENDIX 3: SCANNED COPIES OF PROJECTS/ CONTRACTS IMPLEMENTED

AUTHORSHIP (FULL OR SHARED)
OF PATENTS, PATENT
APPLICATIONS, OR OTHER
REGISTERED OR PROTECTED
INTELLECTUAL PROPERTY
RIGHTS

AUTHORSHIP OFNUMBER OF PATENTS,NUMBER OF PATENT APPLICATIONS,...

APPENDIX 4: EVIDENCE FOR AUTHORSHIP/CO- AUTHORSHIP OF PATENTS, PATENT APPLICATIONS, OR OTHER REGISTERED OR PROTECTED INTELLECTUAL PROPERTY RIGHTS

PARTICIPATION IN EUROPEAN
SCIENTIFIC NETWORKS;

COSS-TT MEMBER

PARTICIPATION IN CONTRACTS
WITH THE INDUSTRY;

Contract with the.....company [subject of the contract]
APPENDIX 5: SCANNED COPIES OF CONTRACTS WITH THE INDUSTRY

Participation in joint international
scientific teams as invited
participant for particular
research tasks, proven by joint
scientific publications in
refereed journals with impact
factor etc.

NEMO-Wave modelling Working group
COST-TT Member

**EXPERIENCE IN
IMPLEMENTATION AND/OR
MANAGEMENT OF NATIONAL
AND/OR INTERNATIONAL
SCIENTIFIC PROJECTS DURING
THE LAST 5 YEARS**

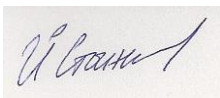
PRINCIPLE INVESTIGATOR OF VARIOUS NATIONAL AND INTERNATIONAL PROJECTS:
EU-FP5 PROJECT: NUTRIENT MANAGEMENT IN THE DANUBE BASIN AND ITS IMPACT ON THE BLACK SEA –DANUBS. RESPONSIBLE FOR THE MODELING WORK PACKAGE.
EU-FP6 PROJECT: ASSEMBLAGE: ASSESSMENT OF THE BLACK SEA SEDIMENTARY SYSTEM SINCE THE LAST GLACIAL EXTREME, EVK3-CT-2002-00090
EU-FP6 PROJECT: PROPOSAL N° 036949-2 SESAME: "SOUTHERN EUROPEAN SEAS: ASSESSING AND MODELLING ECOSYSTEM CHANGES" (01.11.2006-31.10.2010)
EU-FP6 PROJECT: PROPOSAL N° 036355-2 ECOOP: "EUROPEAN COASTAL-SHELF SEA OPERATIONAL OBSERVING AND FORECASTING SYSTEM (01.02.2007-31.01.2010).
DFG RESEARCH PROJECT: "BIOGEOCHEMISTRY OF TIDAL FLATS" (01.04.2007-31.03.2009)
MONITORING AND PLANNING SUPPORT OF THE GERMAN BIGHT, GERMAN SCIENCE FOUNDATION PROJECT (03.2010-02.2012
EU-FP7 UPRDE BS-SCENE - BLACK SEA SCIENTIFIC NETWORK, 226592
EU-FP7 PERSEUS: POLICY-ORIENTED MARINE ENVIRONMENTAL RESEARCH IN THE SOUTHERN EUROPEAN SEAS, 287600
EU-FP7 CoCoNET: TOWARDS COAST TO COAST NETWORKS OF MARINE PROTECTED AREAS (FROM THE SHORE TO THE HIGH AND DEEP SEA), COUPLED WITH SEA-BASED WIND ENERGY POTENTIAL, Nr. 287844
GERMAN FUNDED PROJECT: WIMO „WISSENSCHAFTLICHE MONITORINGKONZEPTE FÜR DIE DEUTSCHE BUCHT, GERMAN PROJECT“ - MONITORING CONCEPTS FOR THE GERMAN BIGHT
RESPONSIBLE FOR TP19.4 IN EU-FP7-MYOCEAN-2 PROJECT : COUPLING WAVE AND CIRCULATION MODELS
RESPONSIBLE FOR TP19.4 IN EU-HORIZON2020 MYOCEAN-FO PROJECT: COUPLING WAVE AND CIRCULATION MODELS
PI OF COPERNICUS BS-MFC PROJECT – RESPONSIBLE FOR THE WAVE MODELLING
COORDINATOR OF COPERNICUS PROJECT WAVE2NEMO

APPENDICES

APPENDIX 1: LIST OF PUBLICATIONS INCLUDING CITATIONS FOR THE ENTIRE PERIOD OF RESEARCH ACTIVITY
APPENDIX 2: EVIDENCE FOR PARTICIPATION IN SCIENTIFIC CONFERENCES WITH INTERNATIONAL IMPORTANCE
APPENDIX 3: SCANNED COPIES OF PROJECTS/CONTRACTS IMPLEMENTED
APPENDIX 4: EVIDENCE FOR AUTHORSHIP/CO-AUTHORSHIP OF PATENTS, PATENT APPLICATIONS, OR OTHER REGISTERED OR PROTECTED INTELLECTUAL PROPERTY
APPENDIX 5: SCANNED COPIES OF CONTRACTS WITH THE INDUSTRY

I agree to take part in activities of the present project

Signature:



Place, Date: Luneburg, 10.01.2017

APPENDIX 1: LIST OF PUBLICATIONS INCLUDING CITATIONS FOR THE ENTIRE PERIOD OF RESEARCH ACTIVITY

- Staneva J, Alari V, Breivik O, Bidlot J-R, Mogensen K (2016) Effects of wave-induced forcing on a circulation model of the North Sea. *Ocean Dynamics*, DOI 10.1007/s10236-016-1009-0
- Staneva J, Wahle K, Koch W, Behrens A, Fenoglio-Marc L, Stanev E (2016) Coastal flooding: impact of waves on storm surge during extremes – a case study for the German Bight, *Nat. Hazards Earth Syst. Sci.*, 16, 2373-2389, doi:10.5194/nhess-16-2373-2016Staneva,
- Alari V, Staneva J, Breivik O, Bidlot JR, Mogensen K and Janssen PAEM (2016) Response of water temperature to surface wave effects in the Baltic Sea: simulations with the coupled NEMO-WAM model. *Ocean Dynamics*, DOI 10.1007/s10236-016-0963-x
- Stanev E, Schulz-Stellenfleth J, Staneva J, Grayek S, Grashorn S, Behrens A, Koch W, Pein J (2016) Ocean forecasting for the German Bight: from regional to coastal scales, *Ocean Sci.*, 12, 1105–1136, 2016, doi:10.5194/os-12-1105-2016
- Staneva J., Wahle K. Günther H. and Stanev E., 2016. Coupling of wave and circulation models in coastal-ocean predicting systems: A case study for the German Bight, MS No.: OS-2015-86, Special Issue: Operational oceanography in Europe 2014 in support of blue and green growth, 12, 3169–3197.
- Singer, A. et al., 2016. Evaluating species distribution models with historical macrofauna data: a hindcast for the Jade Bay (North Sea, Germany). submitted to *Journal of Biogeography*.
- Wahle, K., Staneva, J, Koch W, 2016. Coupled atmosphere-wave model for the Southern North Sea. to be submitted in *Ocean Science*.
- Staneva, J, Wahle K, Koch W, Stanev E., Fenoglio-Marc, 2016, Surge and wave predictions: Wave-current interaction during extremes in the German Bight, *Ocen Science*.
- Kourafalou V., De Mey P., Staneva J., Ayoub N., Barth A., Chao Y., M Cirano M, et al., 2015. Coastal Ocean Forecasting: science foundation and user benefits, *Journal of Operational Oceanography*8, 147.,
- Staneva, J., A. Behrens and Wahle K., 2015. Wave modelling for the German Bight coastal-ocean predicting system, *Journal of Physics: Conference Series*, 633, pp 233-254, doi:1211, 0.1088/1742-6596/633/1/012117, ISBN: 978-3-939230-28-1
- Wahle K., Staneva J., Guenther H., 2015. Data assimilation of ocean wind waves using Neural Networks. A case study for the German Bight, *Ocean Modelling*, pp. 117-125
- Stanev, E.V., F. Ziemer, J. Schulz-Stellenfleth, J. Seemann, J. Staneva and K.W. Gurgel, 2015. Blending surface currents from HF radar observations and numerical modelling: Tidal hindcasts and forecasts. *Journal of Atmospheric and Oceanic Technology*, Vol. 32, 256-281.
- Stanev, E.V., Y. He, J. Staneva and E. Yakushev (2014) Mixing in the Black Sea detected from the temporal and spatial variability of oxygen and sulfide – Argo float observations and numerical modelling. *Biogeosciences*, 11, 5707–5732
- Stanev, E. V., R. Al-Nadhairi, J. Staneva, J. Schulz-Stellenfleth, and A. Valle-Levinson, 2014. Tidal wave transformations in the German Bight. *Ocean Dynamics* 64:951–968, DOI 10.1007/s10236-014-0733-6
- Stanev, E.V., Y. He, J. Staneva and E. Yakushev (2014): Mixing in the Black Sea detected from the temporal and spatial variability of oxygen and sulfide – Argo float observations and numerical modelling. *Biogeosciences*, 11, 5707–5732
- Staneva, J., Behrens, A. and Groll, N. (2014): Recent Advances in Wave Modelling for the North Sea and German Bight, *Die Küste* 81/2014, 233 – 254. Staneva, J, A. Behrens and Nikolaus Groll, 2014. Recent Advances in Wave Modelling for the North Sea and German Bight, Heft 81/2014 „Die Küste“.
- Schulz-Stellenfleth, J., E.V. Stanev, and J. Staneva, 2014. HF radar-based surface current hindcasts and forecasts in tidal basins: focus on intra-tidal time scales. *Ocean Modelling*
- Müller, S., E. V. Stanev, J. Schulz-Stellenfleth, J. Staneva, and W. Koch, 2013. Atmospheric boundary layer rolls: Quantification of their effect on the hydrodynamics in the German Bight, *J. Geophys. Res. Oceans*, 118, 5036–5053, doi:10.1002/jgrc.20388.
- Sperling, M., H.-A. Giebel, B. Rink, S. Grayek, J. Staneva, E. Stanev, and M. Simon, 2012. Differential effects of hydrographic and biogeochemical properties on the SAR11 clade and *Roseobacter* RCA cluster in the North Sea. *Aquatic Microbial Ecology*. Vol. 67: 254
- He, Y., E. V. Stanev, E. Yakushev, and J. Staneva, 2012. Black Sea biogeochemistry: Response to decadal atmospheric variability during 1960–2000 inferred from numerical modeling. *Marine Environmental Research*, 77, 90-102
- Port, A., K.-W. Gurgel, J. Staneva, J. Schulz-Stellenfleth, and E.V. Stanev, 2011. Tidal and wind-driven surface currents in the German Bight: HFR observations versus model simulations. *Ocean Dynamics*, Springer, 61, 10, 1567-1585.
- Stanev, E. V., Schulz-Stellenfleth, J., Staneva, J., Grayek, S., Seemann, J., and Petersen, W., 2011. Coastal observing and forecasting system for the German Bight – estimates of hydrophysical states, *Ocean Sci.*, 7, 569-583.
- Schulz-Stellenfleth, J., Wahle, K., Staneva, J., Seemann, J., Cyseswki, M., Gurgel, K. W., Schlick, T., Ziemer, F., and Stanev, E. V., 2011. Nutzung eines HF-Radarsystems zur Beobachtung und Vorhersage von Strömungen in der Deutschen Bucht im Rahmen von COSYNA, *Nachrichten der Deutschen Gesellschaft für Meereskunde (DGM)*, 3/10, 3–8.. *The Handbook of Environmental Chemistry Volume 22*, 2013, pp 253-271. Springer-Verlag Berlin Heidelberg.
- Yunchang He, Emil Stanev, Evgeniy Yakushev, and Joanna Staneva, 2013. Numerical Modelling of Biogeochemical Regime Response to Decadal Atmospheric Variability During 1960–2000 in the Black Sea. In: E.V. Yakushev (ed.), *Chemical Structure of Pelagic Redox Interfaces*

- Barth, A., A. A. Azcarate, J.-M. Beckers, J. Staneva, E. V. Stanev, J. Schulz-Stelleneth, 2011. Correcting surface winds by assimilating High-Frequency Radar surface currents in the German Bight. *Ocean Dynamics* DOI: 10.1007/s10236-010-0369-0
- Grayek, S., J. Staneva, J. Schulz-Stelleneth, W., and E. V. Stanev, 2010. Use of FerryBox surface temperature and salinity measurements to improve model based state estimates for the German Bight. *Journal of Marine Systems*, Volume 88, Issue 1, October 2011, Pages 45-59
- Barth A, Alvera-Azcárate A, Staneva J, Port A, Gurgel K-W, Beckers J-M, Stanev E, 2010. Ensemble perturbation smoother for optimizing tidal boundary conditions by assimilation of High-Frequency radar surface currents – application to the German Bight. *Ocean Sci.*, 6, 161–178
- Joanna Staneva, Villy Kourafalou, and Kostas Tsiaras, 2010. Seasonal and Interannual Variability of the North-Western Black Sea Ecosystem, *Terr. Atmos. Ocean. Sci. Journal*, 163-180. doi: 10.3319/TAO.2009.06.08.03 (IWNOP)
- Tian, T., Merico, A., Su, J., Staneva, J., Wiltshire, K., Wirtz, K, 2009. Importance of resuspended sediment dynamics for the phytoplankton spring bloom in a coastal marine ecosystem (2009), *JOURNAL SEA RESEARCH* 62(4), 214-228., doi:10.1016/j.seares.2009.04.001, 2009.
- Tsiaras, K., V.H. Kourafalou, A. Davidov and J. Staneva, 2008. A three-dimensional coupled model of the western Black Sea plankton dynamics: seasonal variability and comparison to SEAWIFS data. *J. Geophys. Res.*, 113, C07007, doi:10.1029/2006JC003959.
- Ribbe, J., Wolff, J.-O., Staneva, J., Gräwe, U., Assessing Ventilation Times Scales for Marine Environments from Three-Dimensional Modelling, A Case Study for Hervey Bay, Australia. *Env. Modelling and Software*, Vol. 23(10), 1217-1228
- Tsiaras K., Kourafalou, A. Davidov and J. Staneva, 2006. A three dimensional coupled model of the western Black Sea plankton dynamics: seasonal variability and comparison to SEAWIFS data. *Journal of geoph. research*
- Stanev, E., B. Flemming, A. Bartholomae, J. Staneva, and J.-O. Wolff, 2006. Vertical circulation in shallow tidal inlets and back barrier basins. *Cont. Shelf Res.* (in press).
- Staneva J., K. Bolding, H. Burchard, 2005. A high resolution nested modelling system for studying physical properties of the German Bights, *International Ocean Research Conference, proceedings, TOS, Paris.*
- Staneva J.V., K. Bolding and H. Burchard, 2005. A study of the German Bight circulation using a nested ocean circulation model, *Geophysical Research Abstracts*, Vol. 7, 07920, 2005, SRef-ID: 1607-7962/gra/EGU05-A-07920
- Staneva, J.V., V.H. Kourafalou and K. Tsiaras, 2005. Modeling the seasonal cycle of the Northwestern black Sea ecosystem. *Mediterranean Marine Systems*, 1, 204, 133-142.
- Kourafalou, V.H., K. Tsiaras and J.V. Staneva, 2005. Numerical studies on the dynamics of the Northwestern Black Sea shelf. *Mediterranean Marine Systems*, 1, 204,-121-133.
- Staneva, J. V. M. Wenzel and J. Schroeter, 2005. Ocean state during 1933-2001 determined from the assimilation of altimetry and hydrographic data.
- Kourafalou, V., K. Tsiaras and J. Staneva, 2004, Numerical studies on the dynamics of the Northwestern Black Sea shelf, *Med. Mar. Sci.*, Vol.5/1, 133-142.
- Stanev E., J. Staneva, J. L. Bullister, J.W. Murray, 2004, Ventilation of the Black Sea Pycnocline Inferred from Observed and Model Simulated Chlorofluorocarbon Data. Submitted, *Deep Sea Research, Deep-Sea Res.*, 51(12), 2137–2169.
- Staneva, J., V.H. Kourafalou and E.V. Stanev, 2003. The response of the Black Sea ecosystem to changes of nutrient discharge from the Danube River. In: "Oceanography of the Eastern Mediterranean and Black Sea," A. Yilmaz (ed.), Tubitak publ., Ankara, Turkey, pp. 307-313.
- Stanev E., M. Bowman, E. Peneva, and J. Staneva, 2003. Control of Black Sea intermediate water mass formation by dynamics and topography: comparisons of numerical simulations, survey and satellite data. *Journal of Marine Research*, 26, 69-99.
- Stanev, E. V., J. M. Beckers, Ch. Lancelot, J. V. Staneva, P. Y. Le Traon, E. L. Peneva and M. Gregoire,, 2002, Coastal-open ocean exchange in the Black Sea: Observations and modeling. *Estua. Coast and Shelf Sci.*, 54, 601-620.
- Lancelot, C. L., J. V. Staneva, D. Van Eeckhout, J.-M. Beckers, and E. V. Stanev, 2002, Modelling the Danube-influenced North-Western continental shelf of the Black Sea. Ecosystem response to changes in nutrient delivery by the Danube River after its damming in 1972. *Estua. Coast and Shelf Sci.*, 54, 473-499.
- Beckers, J. M., M. L. Gregoire, J. C. J. Nihoul, E. Stanev, J. Staneva and C. Lancelot,, 2002. Modelling the Danube-influenced North-Western continental shelf of the Black Sea. I: Hydrodynamical processes simulated by 3-D and box models. *Estua. Coast and Shelf Sci.*, 54, 453-472.
- Staneva, J. and E.V. Stanev, 2002. Water mass formation in the Black Sea during 1991-1995. *J. Mar. Sys.*, 32, 199-218.
- Staneva, J., D. Dietrich, E. Stanev, and M. Bowman, 2001. Rim current and coastal eddy mechanisms in an eddy-resolving Black Sea general circulation model. *J. Mar. Sys.*, 3, 137-157.
- Schrum, C., J. Staneva, E. Stanev and E. Ozsoy, Air-sea exchange in the Black Sea estimated from atmospheric analysis for the period 1979-1993. *J. Mar. Sys.*, 31, 3-19.
- Schrum, C., J. Staneva, and E. Stanev, 2001. Black Sea surface climatological data for the period 1979-1993: A study based on the ECMWF atmospheric re-analysis. *Berichte aus dem Zentrum für Meeres- und Klimaforschung, Reihe B: Oceanographie*, Nr. 39, 74pp.
- Stanev, E. V, and J. V. Staneva, 2001. The sensitivity of the heat exchange at ocean surface to meso and sub-basin scale eddies. *Model study for the Black Sea. Dyn. Atmos. and Oceans*, 33, 163-189.
- Stanev, E.V., and J.V. Staneva,, 2000. The impact of mesoscale eddies in the transitions of quasistable states in the circulation of the

Black Sea. Ch. Mooers (editor), Special Issue in J. Mar. Sys., 24, 3-26 .

Peneva, E.V E.V. Stanev, E.K. Koleva, L. Krastev, and J.V. Staneva, 1999. Verification of high resolution climatic simulations for the area of Bulgaria. Part II: Intercomparison between UKMO, HIRHAM and ARPEGE simulations and climatic data for the period 1961-1990. Bulg. J. Meteorol. and Hydrol, 7, 84-102.

Staneva J.V. , E.V. Stanev and T. Oguz, 1998 The Impact of Atmospheric Forcing and Water Column Stratification on the Yearly Plankton Cycle, NATO- in: T. Oguz and L. Ivanov (eds.) NATO-ASI Kluwer academic publisher, 301-323.

Stanev, E.V., J.V. Staneva and I.G. Gospodinov, 1998. Numerical tracer model of surface and intermediate water formation in the Black Sea. In: T. Oguz and L. Ivanov (eds.), NATO Series, Kluwer academic publisher; 197-221.

Stanev, E.V., K.O. Buesseler, J.V. Staneva and H.D. Livingston, 1999. The fate of Chernobyl 90Sr in the Black Sea. Validation of numerical simulations against observed data. Journal of Envir. Radioactivity, 43, 2, 187-203.

Staneva J.V., K.O. Buesseler, E.V. Stanev, and H.D. Livingston, 1999. Application of radiotracers to study Black Sea circulation: Validation of numerical simulations against observed weapon testing and Chernobyl 137Cs data. J. Geoph. Res., 104, 11099-11114.

Staneva J.V. and E.V. Stanev, 1998. Oceanic Response to Atmospheric Forcing Derived from Different Climatic Data Sets. Intercomparison Study for the Black Sea. Oceanol. Acta, 21, 3, 393-417.

Stanev, E.V, J.V. Staneva and V.M. Roussenov, 1997. On the Black Sea Water Mass Formation. Model Sensitivity Study to Atmospheric Forcing and to Parameterizations of some Physical Processes. J. Mar. Sys., 13, 245-272.

Staneva, J.V. and E.V. Stanev, 1997. Cold water mass formation in the Black Sea and its sensitivity to horizontal resolution in numerical models. E. Ozsoy and A. Mikaelyan (eds.): Sensitivity of North Sea, Baltic Sea and Black Sea to anthropogenic and climatic changes, NATO Series, Kluwer academic publisher; 375-393.

Stanev, E.V., V.M. Roussenov, N.H. Rachev and J.V. Staneva, 1995. Sea response to atmospheric variability. Model study for the Black Sea. J. Mar. Sys., 6, 241-267.

Staneva, J. V., E.V. Stanev and N.H. Rachev, 1995. Heat balance estimates using atmospheric analysis data: A case study for the Black Sea. J. Geoph. Res., 100, C9, 18581-18596.

Schools:

August 1993. International School on Assimilation of Meteorological and Oceanographical Observations. La Garde, France;

November 1994. Regional Training Course on Strategies and Methodologies for Applied Marine Radioactivity and Environmental Isotope Studies for the Black Sea, Istanbul, Turkey.

June 1996. International School on Ecological Modelling. Erdemli, Turkey.

January 1998. NATO ASI on Ocean Modelling and parameterization, Les Houches, France.

November 1998. Course on Mediterranean Sea(s) Circulation and Ecosystem Functioning, The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy

September, 2004. Ocean Weather Forecasting. An Integrated view in Oceanography, La Londe Les Maures , France

Invited Talks

More than 20

Conferences/ seminars

Many (more than 200).

**Приложение 1/
Appendix 1**

**Списък на цитатите за целия творчески период според база-данни Scopus/
*List of the citations for the entire period of research according to Scopus database***

Kurkina, O., Rouvinskaya, E., Talipova, T., Soomere, T.
Propagation regimes and populations of internal waves in the Mediterranean Sea basin
(2017) Estuarine, Coastal and Shelf Science, 185, pp. 44-54.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007232605&doi=10.1016%2fj.ecss.2016.12.003&partnerID=40&md5=931ed62a9ce263c880e43e6c320c5116>

DOI: 10.1016/j.ecss.2016.12.003

DOCUMENT TYPE: Article

SOURCE: Scopus

Mikaelyan, A.S., Chasovnikov, V.K., Kubryakov, A.A., Stanichny, S.V.
Phenology and drivers of the winter–spring phytoplankton bloom in the open Black Sea: The application of Sverdrup's hypothesis and its refinements
(2017) Progress in Oceanography, 151, pp. 163-176.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007422409&doi=10.1016%2fj.pocean.2016.12.006&partnerID=40&md5=ee4c8a70136f47d332905d445676c458>

DOI: 10.1016/j.pocean.2016.12.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Lopez, J.E., Baptista, A.M.
Benchmarking an unstructured grid sediment model in an energetic estuary
(2017) Ocean Modelling, 110, pp. 32-48.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007340434&doi=10.1016%2fj.ocemod.2016.12.006&partnerID=40&md5=3c450735a026967532f9b83188241120>

DOI: 10.1016/j.ocemod.2016.12.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Yakushev, E.V., Protsenko, E.A., Bruggeman, J., Wallhead, P., Pakhomova, S.V., Yakubov, S.K., Bellerby, R.G.J., Couture, R.-M.
Bottom RedOx Model (BROM v.1.1): A coupled benthic-pelagic model for simulation of water and sediment biogeochemistry
(2017) Geoscientific Model Development, 10 (1), pp. 453-482.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011312039&doi=10.5194%2fgmd-10-453-2017&partnerID=40&md5=0be16be9f2786ee0eb3f681e4bb0d213>

DOI: 10.5194/gmd-10-453-2017

DOCUMENT TYPE: Article

SOURCE: Scopus

Ren, L., Hartnett, M.
Sensitivity analysis of a data assimilation technique for hindcasting and forecasting hydrodynamics of a complex coastal water body
(2017) Computers and Geosciences, 99, pp. 81-90.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995752448&doi=10.1016%2fj.cageo.2016.10.012&partnerID=40&md5=d9bc809d72dbf2a33a64812ed98a181a>

DOI: 10.1016/j.cageo.2016.10.012

DOCUMENT TYPE: Article
SOURCE: Scopus

Canter, M., Barth, A., Beckers, J.-M.
Correcting circulation biases in a lower-resolution global general circulation model with data assimilation
(2017) *Ocean Dynamics*, 67 (2), pp. 281-298.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001790622&doi=10.1007%2fs10236-016-1022-3&partnerID=40&md5=9dff87c40f4668ad09b09729ba665b7e>

DOI: 10.1007/s10236-016-1022-3
DOCUMENT TYPE: Article
SOURCE: Scopus

Vandenbulcke, L., Beckers, J.-M., Barth, A.
Correction of inertial oscillations by assimilation of HF radar data in a model of the Ligurian Sea
(2017) *Ocean Dynamics*, 67 (1), pp. 117-135.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84997417109&doi=10.1007%2fs10236-016-1012-5&partnerID=40&md5=207cc5f245049fb1d9000db609cad4b3>

DOI: 10.1007/s10236-016-1012-5
DOCUMENT TYPE: Article
SOURCE: Scopus

Merckelbach, L.
Depth-averaged instantaneous currents in a tidally dominated shelf sea from glider observations
(2016) *Biogeosciences*, 13 (24), pp. 6637-6649.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006742077&doi=10.5194%2fbg-13-6637-2016&partnerID=40&md5=4c0791b3ed3403a568807a26a35b42d5>

DOI: 10.5194/bg-13-6637-2016
DOCUMENT TYPE: Article
SOURCE: Scopus

Pinardi, N., Lyubartsev, V., Cardellicchio, N., Caporale, C., Ciliberti, S., Coppini, G., De Pascalis, F., D'Alti, L., Federico, I., Filippone, M., Grandi, A., Guideri, M., Lecci, R., Lamberti, L., Lorenzetti, G., Lusiani, P., Damiano Macripo, C., Maicu, F., Mossa, M., Tartarini, D., Trotta, F., Umgiesser, G., Zaggia, L.
Marine rapid environmental assessment in the gulf of Taranto: A multiscale approach
(2016) *Natural Hazards and Earth System Sciences*, 16 (12), pp. 2623-2639. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85003874962&doi=10.5194%2fnhess-16-2623-2016&partnerID=40&md5=d994e8275259bb6bcf3a3960a527199f>

DOI: 10.5194/nhess-16-2623-2016
DOCUMENT TYPE: Article
SOURCE: Scopus

Tyler, A.N., Hunter, P.D., Spyarakos, E., Groom, S., Constantinescu, A.M., Kitchen, J.
Developments in Earth observation for the assessment and monitoring of inland, transitional, coastal and shelf-sea waters
(2016) *Science of the Total Environment*, 572, pp. 1307-1321. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956858229&doi=10.1016%2fj.scitotenv.2016.01.020&partnerID=40&md5=5cd483cb91396f3911a5121c587fd24d>

DOI: 10.1016/j.scitotenv.2016.01.020
DOCUMENT TYPE: Article
SOURCE: Scopus

Zakaria, H.Y., Hassan, A.-K.M., Abo-Senna, F.M., El-Naggar, H.A.
Abundance, distribution, diversity and zoogeography of epipelagic copepods off the Egyptian Coast (Mediterranean Sea)

(2016) Egyptian Journal of Aquatic Research, 42 (4), pp. 459-473.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009415872&doi=10.1016%2fj.ejar.2016.11.001&partnerID=40&md5=5df843e996df725d65845954ed67fcc7>

DOI: 10.1016/j.ejar.2016.11.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Liblik, T., Karstensen, J., Testor, P., Alenius, P., Hayes, D., Ruiz, S., Heywood, K.J., Pouliquen, S., Mortier, L., Mauri, E.

Potential for an underwater glider component as part of the Global Ocean Observing System

(2016) Methods in Oceanography, 17, pp. 50-82.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989947791&doi=10.1016%2fj.mio.2016.05.001&partnerID=40&md5=3bc792601d9d7cbbae8d576cab9d97a1>

DOI: 10.1016/j.mio.2016.05.001

DOCUMENT TYPE: Review

SOURCE: Scopus

Grashorn, S., Stanev, E.V.

Kármán vortex and turbulent wake generation by wind park piles

(2016) Ocean Dynamics, 66 (12), pp. 1543-1557.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994246860&doi=10.1007%2fs10236-016-0995-2&partnerID=40&md5=282fc85f9f54d4a590bbfd8e7325fa44>

DOI: 10.1007/s10236-016-0995-2

DOCUMENT TYPE: Article

SOURCE: Scopus

Merey, S., Sinayuc, C.

Analysis of the Black Sea sediments by evaluating DSDP Leg 42B drilling data for gas hydrate potential

(2016) Marine and Petroleum Geology, 78, pp. 151-167.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988477963&doi=10.1016%2fj.marpetgeo.2016.09.016&partnerID=40&md5=79235699ed22281b52e452e6569269ba>

DOI: 10.1016/j.marpetgeo.2016.09.016

DOCUMENT TYPE: Review

SOURCE: Scopus

Staneva, J., Wahle, K., Koch, W., Behrens, A., Fenoglio-Marc, L., Stanev, E.V.

Coastal flooding: Impact of waves on storm surge during extremes – A case study for the German Bight

(2016) Natural Hazards and Earth System Sciences, 16 (11), pp. 2373-2389.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999736808&doi=10.5194%2fnhess-16-2373-2016&partnerID=40&md5=dbba6b6d03d3422e1f432c6f7e8b5989>

DOI: 10.5194/nhess-16-2373-2016

DOCUMENT TYPE: Article

SOURCE: Scopus

Kubryakov, A.A., Stanichny, S.V., Zatsepin, A.G., Kremenetskiy, V.V.

Long-term variations of the Black Sea dynamics and their impact on the marine ecosystem

(2016) Journal of Marine Systems, 163, pp. 80-94.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978128866&doi=10.1016%2fj.jmarsys.2016.06.006&partnerID=40&md5=a81f9c8c429a210a9a42c7f83d31f8bd>

DOI: 10.1016/j.jmarsys.2016.06.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Bruneau, N., Toumi, R.

A fully-coupled atmosphere-ocean-wave model of the Caspian Sea

(2016) Ocean Modelling, 107, pp. 97-111.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992061066&doi=10.1016%2fj.ocemod.2016.10.006&partnerID=40&md5=2c3b82adfd80093695083c4f4f68146d)

[84992061066&doi=10.1016%2fj.ocemod.2016.10.006&partnerID=40&md5=2c3b82adfd80093695083c4f4f68146d](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992061066&doi=10.1016%2fj.ocemod.2016.10.006&partnerID=40&md5=2c3b82adfd80093695083c4f4f68146d)

DOI: 10.1016/j.ocemod.2016.10.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Lorente, P., Piedracoba, S., Sotillo, M.G., Aznar, R., Amo-Balandron, A., Pascual, A., Soto-Navarro, J.,

Alvarez-Fanjul, E.

Characterizing the surface circulation in Ebro Delta (NW Mediterranean) with HF radar and modeled current data

(2016) Journal of Marine Systems, 163, pp. 61-79.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978516831&doi=10.1016%2fj.jmarsys.2016.07.001&partnerID=40&md5=83919f9918edd67664a7c760bdc6701f)

[84978516831&doi=10.1016%2fj.jmarsys.2016.07.001&partnerID=40&md5=83919f9918edd67664a7c760bdc6701f](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978516831&doi=10.1016%2fj.jmarsys.2016.07.001&partnerID=40&md5=83919f9918edd67664a7c760bdc6701f)

DOI: 10.1016/j.jmarsys.2016.07.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Schulz-Stellenfleth, J., Staneva, J., Grayek, S., Grashorn, S., Behrens, A., Koch, W., Pein, J.

Ocean forecasting for the German Bight: From regional to coastal scales

(2016) Ocean Science, 12 (5), pp. 1105-1136.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990831636&doi=10.5194%2fos-12-1105-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990831636&doi=10.5194%2fos-12-1105-2016&partnerID=40&md5=10e150e0f410de2ff2e9a997f3d4652e)

[2016&partnerID=40&md5=10e150e0f410de2ff2e9a997f3d4652e](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990831636&doi=10.5194%2fos-12-1105-2016&partnerID=40&md5=10e150e0f410de2ff2e9a997f3d4652e)

DOI: 10.5194/os-12-1105-2016

DOCUMENT TYPE: Article

SOURCE: Scopus

Emeis, S., Siedersleben, S., Lampert, A., Platis, A., Bange, J., Djath, B., Schulz-Stellenfleth, J., Neumann, T.

Exploring the wakes of large offshore wind farms

(2016) Journal of Physics: Conference Series, 753 (9), art. no. 092014, .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995376554&doi=10.1088%2f1742-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995376554&doi=10.1088%2f1742-6596%2f753%2f9%2f092014&partnerID=40&md5=2c443058100bc1ef02fd7b459741e55d)

[6596%2f753%2f9%2f092014&partnerID=40&md5=2c443058100bc1ef02fd7b459741e55d](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84995376554&doi=10.1088%2f1742-6596%2f753%2f9%2f092014&partnerID=40&md5=2c443058100bc1ef02fd7b459741e55d)

DOI: 10.1088/1742-6596/753/9/092014

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Ostrovskii, A.G., Zatsepin, A.G.

Intense ventilation of the Black Sea pycnocline due to vertical turbulent exchange in the Rim Current area

(2016) Deep-Sea Research Part I: Oceanographic Research Papers, 116, pp. 1-13.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982728749&doi=10.1016%2fj.dsr.2016.07.011&partnerID=40&md5=19e9c83b7b0920062edb828c02a908e8)

[84982728749&doi=10.1016%2fj.dsr.2016.07.011&partnerID=40&md5=19e9c83b7b0920062edb828c02a908e8](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982728749&doi=10.1016%2fj.dsr.2016.07.011&partnerID=40&md5=19e9c83b7b0920062edb828c02a908e8)

DOI: 10.1016/j.dsr.2016.07.011

DOCUMENT TYPE: Article

SOURCE: Scopus

Groetsch, P.M.M., Simis, S.G.H., Eleveld, M.A., Peters, S.W.M.

Spring blooms in the Baltic Sea have weakened but lengthened from 2000 to 2014

(2016) Biogeosciences, 13 (17), pp. 4959-4973.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986559388&doi=10.5194%2fbg-13-4959-2016&partnerID=40&md5=2fdbb8ead9e5ca1d078be9f1dbf6dbeb>

DOI: 10.5194/bg-13-4959-2016

DOCUMENT TYPE: Article

SOURCE: Scopus

Maerz, J., Hofmeister, R., Van Der Lee, E.M., Gräwe, U., Riethmüller, R., Wirtz, K.W.

Maximum sinking velocities of suspended particulate matter in a coastal transition zone

(2016) Biogeosciences, 13 (17), pp. 4863-4876.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986275924&doi=10.5194%2fbg-13-4863-2016&partnerID=40&md5=ccfcdf9f419abf50fc442a51bed6b648>

DOI: 10.5194/bg-13-4863-2016

DOCUMENT TYPE: Article

SOURCE: Scopus

Stramska, M., Jankowski, A., Cieszyńska, A.

Surface currents in the Porsanger fjord in northern Norway

(2016) Polish Polar Research, 37 (3), pp. 337-360.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992052297&doi=10.1515%2fpopore-2016-0018&partnerID=40&md5=850161383d7cf41f4df65fa3a483b776>

DOI: 10.1515/popore-2016-0018

DOCUMENT TYPE: Article

SOURCE: Scopus

Zhao, Y., Li, X.-M., Sha, J.

Sea surface wind streaks in spaceborne synthetic aperture radar imagery

(2016) Journal of Geophysical Research: Oceans, 121 (9), pp. 6731-6741.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987657587&doi=10.1002%2f2016JC012040&partnerID=40&md5=ff47b054fac1b380141924a097e29583>

DOI: 10.1002/2016JC012040

DOCUMENT TYPE: Article

SOURCE: Scopus

Kusch, S., Rethemeyer, J., Hopmans, E.C., Wacker, L., Mollenhauer, G.

Factors influencing 14C concentrations of algal and archaeal lipids and their associated sea surface temperature proxies in the Black Sea

(2016) Geochimica et Cosmochimica Acta, 188, pp. 35-57.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973360090&doi=10.1016%2fj.gca.2016.05.025&partnerID=40&md5=ba3436c193115ff9ea870f7a10f03ac8>

DOI: 10.1016/j.gca.2016.05.025

DOCUMENT TYPE: Article

SOURCE: Scopus

de la Vara, A., van Baak, C.G.C., Marzocchi, A., Grothe, A., Meijer, P.T.

Quantitative analysis of Paratethys sea level change during the Messinian Salinity Crisis

(2016) Marine Geology, 379, pp. 39-51. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969902791&doi=10.1016%2fj.margeo.2016.05.002&partnerID=40&md5=2411bc61e4c768132a81ea6aed2600d1>

DOI: 10.1016/j.margeo.2016.05.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Ciesliński, R.

The simplistic nitrogen input and output balance in Lake Lebsko-case study
(2016) *Oceanological and Hydrobiological Studies*, 45 (3), pp. 424-443.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989892789&doi=10.1515%2fohs-2016-0037&partnerID=40&md5=8cb38d969b4d50e86fb81e2b7f529f2b>

DOI: 10.1515/ohs-2016-0037
DOCUMENT TYPE: Article
SOURCE: Scopus

Carpenter, J.R., Merckelbach, L., Callies, U., Clark, S., Gaslikova, L., Baschek, B.
Potential impacts of offshore wind farms on North Sea stratification
(2016) *PLoS ONE*, 11 (8), art. no. e0160830, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983490110&doi=10.1371%2fjournal.pone.0160830&partnerID=40&md5=d2b0c0d57efe535317a5164c5f394cdd>

DOI: 10.1371/journal.pone.0160830
DOCUMENT TYPE: Article
SOURCE: Scopus

Becherer, J., Flörjser, G., Umlauf, L., Burchard, H.
Estuarine circulation versus tidal pumping: Sediment transport in a well-mixed tidal inlet
(2016) *Journal of Geophysical Research: Oceans*, 121 (8), pp. 6251-6270.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983238390&doi=10.1002%2f2016JC011640&partnerID=40&md5=5d8849468ff53ad798e91ef58ebc1af9>

DOI: 10.1002/2016JC011640
DOCUMENT TYPE: Article
SOURCE: Scopus

Ponsar, S., Luyten, P., Dulière, V.
Data assimilation with the ensemble Kalman filter in a numerical model of the North Sea
(2016) *Ocean Dynamics*, 66 (8), pp. 955-971.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84978100374&doi=10.1007%2fs10236-016-0968-5&partnerID=40&md5=07349c0d87596091b1bd78ae3db33ad2>

DOI: 10.1007/s10236-016-0968-5
DOCUMENT TYPE: Article
SOURCE: Scopus

Piper, D.Z.
Geochemistry of the Black Sea during the last 15 kyr: A protracted evolution of its hydrography and ecology
(2016) *Paleoceanography*, 31 (8), pp. 1117-1137.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983523361&doi=10.1002%2f2016PA002949&partnerID=40&md5=364a0c65c15ed9311107047b37a8e84e>

DOI: 10.1002/2016PA002949
DOCUMENT TYPE: Article
SOURCE: Scopus

Wang, B., Xin, M., Sun, X., Wei, Q., Zhang, X.
Does reduced sediment load contribute to increased outbreaks of harmful algal blooms off the Changjiang Estuary?
(2016) *Acta Oceanologica Sinica*, 35 (8), pp. 16-21.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84981537799&doi=10.1007%2fs13131-016-0846-5&partnerID=40&md5=6d9858fd082ca413df55318c857b8590>

DOI: 10.1007/s13131-016-0846-5
DOCUMENT TYPE: Article
SOURCE: Scopus

She, J., Allen, I., Buch, E., Crise, A., Johannessen, J.A., Le Traon, P.-Y., Lips, U., Nolan, G., Pinardi, N., Reißmann, J.H., Siddorn, J., Stanev, E., Wehde, H.
Developing European operational oceanography for Blue Growth, climate change adaptation and mitigation, and ecosystem-based management
(2016) *Ocean Science*, 12 (4), pp. 953-976. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979937117&doi=10.5194%2fos-12-953-2016&partnerID=40&md5=7c9e958d0e092544ab3e4e930f3ef42e>

DOI: 10.5194/os-12-953-2016
DOCUMENT TYPE: Article
SOURCE: Scopus

Breitbach, G., Krasemann, H., Behr, D., Beringer, S., Lange, U., Vo, N., Schroeder, F.
Accessing diverse data comprehensively - CODM, the COSYNA data portal
(2016) *Ocean Science*, 12 (4), pp. 909-923. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979991959&doi=10.5194%2fos-12-909-2016&partnerID=40&md5=8b38801d06e5d61eaa2fa0ab512d95a4>

DOI: 10.5194/os-12-909-2016
DOCUMENT TYPE: Article
SOURCE: Scopus

Margolin, A.R., Gerringa, L.J.A., Hansell, D.A., Rijkenberg, M.J.A.
Net removal of dissolved organic carbon in the anoxic waters of the Black Sea
(2016) *Marine Chemistry*, 183, pp. 13-24. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969135582&doi=10.1016%2fj.marchem.2016.05.003&partnerID=40&md5=4f73aab26c1bc9718589d5ec57fedf89>

DOI: 10.1016/j.marchem.2016.05.003
DOCUMENT TYPE: Article
SOURCE: Scopus

Demirbas, A., Rehan, M., Al-Sasi, B.O., Nizami, A.-S.
Evaluation of natural gas hydrates as a future methane source
(2016) *Petroleum Science and Technology*, 34 (13), pp. 1204-1210. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983776564&doi=10.1080%2f10916466.2016.1185442&partnerID=40&md5=0b83bea332cc57e64d7f8876c266d754>

DOI: 10.1080/10916466.2016.1185442
DOCUMENT TYPE: Review
SOURCE: Scopus

Gräwe, U., Flöser, G., Gerkema, T., Duran-Matute, M., Badewien, T.H., Schulz, E., Burchard, H.
A numerical model for the entire Wadden Sea: Skill assessment and analysis of hydrodynamics
(2016) *Journal of Geophysical Research: Oceans*, 121 (7), pp. 5231-5251.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84979771446&doi=10.1002%2f2016JC011655&partnerID=40&md5=7dc2a23574ca4c7184ee9d6ad7e29e4d>

DOI: 10.1002/2016JC011655
DOCUMENT TYPE: Article
SOURCE: Scopus

Yaremchuk, M., Spence, P., Wei, M., Jacobs, G.
Lagrangian predictability in the DWH region from HF radar observations and model output
(2016) *Deep-Sea Research Part II: Topical Studies in Oceanography*, 129, pp. 394-400. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879408522&doi=10.1016%2fj.dsr2.2013.05.035&partnerID=40&md5=490a2a7a94269248b8ba7a2001b6c392>

DOI: 10.1016/j.dsr2.2013.05.035

DOCUMENT TYPE: Article

SOURCE: Scopus

Merey, S., Sinayuc, C.

Experimental set-up design for gas production from the Black Sea gas hydrate reservoirs

(2016) Journal of Natural Gas Science and Engineering, 33, pp. 162-185. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966526587&doi=10.1016%2fj.jngse.2016.04.030&partnerID=40&md5=71cae1d9c62ff56432f7e13abbbb79e8>

8

DOI: 10.1016/j.jngse.2016.04.030

DOCUMENT TYPE: Article

SOURCE: Scopus

Osterholz, H., Singer, G., Wemheuer, B., Daniel, R., Simon, M., Niggemann, J., Dittmar, T.

Deciphering associations between dissolved organic molecules and bacterial communities in a pelagic marine system

(2016) ISME Journal, 10 (7), pp. 1717-1730. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955260516&doi=10.1038%2fismej.2015.231&partnerID=40&md5=787c1ec0569031aace9df7c16911d7e1>

84955260516&doi=10.1038%2fismej.2015.231&partnerID=40&md5=787c1ec0569031aace9df7c16911d7e1

DOI: 10.1038/ismej.2015.231

DOCUMENT TYPE: Article

SOURCE: Scopus

Gao, X., Xu, L., Zhang, C.

Estimating renewal timescales with residence time and connectivity in an urban man-made lake in China

(2016) Environmental Science and Pollution Research, 23 (14), pp. 13973-13983.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962027641&doi=10.1007%2fs11356-016-6569-5&partnerID=40&md5=83373306cca0e968f0a28cbc156fbc60>

DOI: 10.1007/s11356-016-6569-5

DOCUMENT TYPE: Article

SOURCE: Scopus

Staneva, J., Wahle, K., Günther, H., Stanev, E.

Coupling of wave and circulation models in coastal-ocean predicting systems: A case study for the German Bight

(2016) Ocean Science, 12 (3), pp. 797-806. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84975090302&doi=10.5194%2fos-12-797-2016&partnerID=40&md5=4c2e299fba2dedc238dc5c4abe7c38db>

DOI: 10.5194/os-12-797-2016

DOCUMENT TYPE: Article

SOURCE: Scopus

Singer, A., Schückel, U., Beck, M., Bleich, O., Brumsack, H.-J., Freund, H., Geimecke, C., Lettmann, K.A., Millat, G., Staneva, J., Vanselow, A., Westphal, H., Wolff, J.-O., Wurpts, A., Kröncke, I.

Small-scale benthos distribution modelling in a North Sea tidal basin in response to climatic and environmental changes (1970s-2009)

(2016) Marine Ecology Progress Series, 551, pp. 13-30. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84973904221&doi=10.3354%2fmeps11756&partnerID=40&md5=ad175e37db9e97b78210aea199ca070a>

84973904221&doi=10.3354%2fmeps11756&partnerID=40&md5=ad175e37db9e97b78210aea199ca070a

DOI: 10.3354/meps11756

DOCUMENT TYPE: Review

SOURCE: Scopus

Shi, B., Wang, Y.P., Du, X., Cooper, J.R., Li, P., Li, M.L., Yang, Y.

Field and theoretical investigation of sediment mass fluxes on an accretional coastal mudflat

(2016) *Journal of Hydro-Environment Research*, 11, pp. 75-90. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960950448&doi=10.1016%2fj.jher.2016.01.002&partnerID=40&md5=3041e2ed48d898b424cb7a48eba40fbe)

[84960950448&doi=10.1016%2fj.jher.2016.01.002&partnerID=40&md5=3041e2ed48d898b424cb7a48eba40fbe](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960950448&doi=10.1016%2fj.jher.2016.01.002&partnerID=40&md5=3041e2ed48d898b424cb7a48eba40fbe)

DOI: 10.1016/j.jher.2016.01.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Zhang, Y.J., Ye, F., Stanev, E.V., Grashorn, S.

Seamless cross-scale modeling with SCHISM

(2016) *Ocean Modelling*, 102, pp. 64-81. Cited 9 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969833616&doi=10.1016%2fj.ocemod.2016.05.002&partnerID=40&md5=f1203a6ddaf0a6702dafbc1381537bb5)

[84969833616&doi=10.1016%2fj.ocemod.2016.05.002&partnerID=40&md5=f1203a6ddaf0a6702dafbc1381537bb5](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969833616&doi=10.1016%2fj.ocemod.2016.05.002&partnerID=40&md5=f1203a6ddaf0a6702dafbc1381537bb5)

DOI: 10.1016/j.ocemod.2016.05.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Jacob, B., Stanev, E.V., Zhang, Y.J.

Local and remote response of the North Sea dynamics to morphodynamic changes in the Wadden Sea

(2016) *Ocean Dynamics*, 66 (5), pp. 671-690. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962229493&doi=10.1007%2fs10236-016-0949-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962229493&doi=10.1007%2fs10236-016-0949-8&partnerID=40&md5=658fcef9ab3f6cf9a5538c5ee068473b)

[8&partnerID=40&md5=658fcef9ab3f6cf9a5538c5ee068473b](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962229493&doi=10.1007%2fs10236-016-0949-8&partnerID=40&md5=658fcef9ab3f6cf9a5538c5ee068473b)

DOI: 10.1007/s10236-016-0949-8

DOCUMENT TYPE: Article

SOURCE: Scopus

Purkiani, K., Becherer, J., Klingbeil, K., Burchard, H.

Wind-induced variability of estuarine circulation in a tidally energetic inlet with curvature

(2016) *Journal of Geophysical Research: Oceans*, 121 (5), pp. 3261-3277. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976558229&doi=10.1002%2f2015JC010945&partnerID=40&md5=a2511c99be3ff15e26cc5b0b9ce6b92c)

[84976558229&doi=10.1002%2f2015JC010945&partnerID=40&md5=a2511c99be3ff15e26cc5b0b9ce6b92c](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976558229&doi=10.1002%2f2015JC010945&partnerID=40&md5=a2511c99be3ff15e26cc5b0b9ce6b92c)

DOI: 10.1002/2015JC010945

DOCUMENT TYPE: Article

SOURCE: Scopus

Capet, A., Meysman, F.J.R., Akoumianaki, I., Soetaert, K., Grégoire, M.

Integrating sediment biogeochemistry into 3D oceanic models: A study of benthic-pelagic coupling in the Black Sea

(2016) *Ocean Modelling*, 101, pp. 83-100. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962821257&doi=10.1016%2fj.ocemod.2016.03.006&partnerID=40&md5=0dedb04e58d1961585367d5a674cea3d)

[84962821257&doi=10.1016%2fj.ocemod.2016.03.006&partnerID=40&md5=0dedb04e58d1961585367d5a674cea3d](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962821257&doi=10.1016%2fj.ocemod.2016.03.006&partnerID=40&md5=0dedb04e58d1961585367d5a674cea3d)

DOI: 10.1016/j.ocemod.2016.03.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Mayerle, R., Al-Subhi, A., Fernández Jaramillo, J., Salama, A., Bruss, G., Zubier, K., Runte, K., Turki, A.,

Hesse, K., Jastania, H., Ladwig, N., Mudarris, M.

Development of a coastal information system for the management of Jeddah coastal waters in Saudi Arabia

(2016) *Computers and Geosciences*, 89, pp. 71-78. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955573558&doi=10.1016%2fj.cageo.2015.12.006&partnerID=40&md5=f3d9510eb06bf8daf8e80e6f3ef01252>

DOI: 10.1016/j.cageo.2015.12.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Schulz-Stellenfleth, J., Stanev, E.V.

Analysis of the upscaling problem - A case study for the barotropic dynamics in the North Sea and the German Bight

(2016) Ocean Modelling, 100, pp. 109-124. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960115934&doi=10.1016%2fj.ocemod.2016.02.002&partnerID=40&md5=bc148b842bb7d0c42dbbfa16c9159b6f>

DOI: 10.1016/j.ocemod.2016.02.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Capet, A., Stanev, E.V., Beckers, J.-M., Murray, J.W., Grégoire, M.

Decline of the Black Sea oxygen inventory

(2016) Biogeosciences, 13 (4), pp. 1287-1297. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84959544236&doi=10.5194%2fbg-13-1287-2016&partnerID=40&md5=ccf6a5114e15ddbd83ab548dea12f6a1>

DOI: 10.5194/bg-13-1287-2016

DOCUMENT TYPE: Article

SOURCE: Scopus

Wegwerth, A., Kaiser, J., Dellwig, O., Shumilovskikh, L.S., Nowaczyk, N.R., Arz, H.W.

Northern hemisphere climate control on the environmental dynamics in the glacial Black Sea "Lake"

(2016) Quaternary Science Reviews, 135, pp. 41-53.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961340430&doi=10.1016%2fj.quascirev.2016.01.016&partnerID=40&md5=13b8075ad56b54a670d200ab91b8d456>

DOI: 10.1016/j.quascirev.2016.01.016

DOCUMENT TYPE: Article

SOURCE: Scopus

Akpınar, A., Ponce de León, S.

An assessment of the wind re-analyses in the modelling of an extreme sea state in the Black Sea

(2016) Dynamics of Atmospheres and Oceans, 73, pp. 61-75. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951859752&doi=10.1016%2fj.dynatmoce.2015.12.002&partnerID=40&md5=87198e755970a1486b7a70d9cf8eaa8c>

DOI: 10.1016/j.dynatmoce.2015.12.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Štajduhar, A., Lipovac, A.

On fluid dynamics of freshwater and seawater in marine systems [O dinamici miješanja slatke i morske vode u morskim sustavima]

(2016) Nase More, 63 (1), pp. 1-4.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961143521&doi=10.17818%2fNM%2f2016%2f1.1&partnerID=40&md5=0f783d34d4fe2e2d1015ead592274869>

DOI: 10.17818/NM/2016/1.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Vilibić, I., Kalinić, H., Mihanović, H., Cosoli, S., Tudor, M., Žagar, N., Jesenko, B.
Sensitivity of HF radar-derived surface current self-organizing maps to various processing procedures and mesoscale wind forcing
(2016) Computational Geosciences, 20 (1), pp. 115-131.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949528578&doi=10.1007%2fs10596-015-9550-3&partnerID=40&md5=a027ca251e0da65ea1f57c90a233a63b>

DOI: 10.1007/s10596-015-9550-3
DOCUMENT TYPE: Article
SOURCE: Scopus

Zhu, Z.-Y., Hu, J., Song, G.-D., Wu, Y., Zhang, J., Liu, S.-M.
Phytoplankton-driven dark plankton respiration in the hypoxic zone off the Changjiang Estuary, revealed by in vitro incubations
(2016) Journal of Marine Systems, 154, pp. 50-56. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949049384&doi=10.1016%2fj.jmarsys.2015.04.009&partnerID=40&md5=558785532e8f1a12df9893aac1f47773>

DOI: 10.1016/j.jmarsys.2015.04.009
DOCUMENT TYPE: Article
SOURCE: Scopus

Pein, J.U., Grayek, S., Schulz-Stellenfleth, J., Stanev, E.V.
On the impact of salinity observations on state estimates in Ems Estuary
(2016) Ocean Dynamics, 66 (2), pp. 243-262.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955309650&doi=10.1007%2fs10236-015-0920-0&partnerID=40&md5=73c3349319b0d9486cb9d40d40f404c4>

DOI: 10.1007/s10236-015-0920-0
DOCUMENT TYPE: Article
SOURCE: Scopus

Rana, F.M., Adamo, M., Pasquariello, G., De Carolis, G., Morelli, S.
LG-mod: A modified local gradient (LG) method to retrieve SAR sea surface wind directions in marine coastal areas
(2016) Journal of Sensors, 2016, art. no. 9565208, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954149309&doi=10.1155%2f2016%2f9565208&partnerID=40&md5=1f7d8b68bbcc4f72864d4aa85a5dc809>

DOI: 10.1155/2016/9565208
DOCUMENT TYPE: Article
SOURCE: Scopus

Ren, L., Nash, S., Hartnett, M.
Forecasting of surface currents via correcting wind stress with assimilation of high-frequency radar data in a three-dimensional model
(2016) Advances in Meteorology, 2016, art. no. 8950378, . Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958793983&doi=10.1155%2f2016%2f8950378&partnerID=40&md5=1e03acdc0039b37d9df0605e67b2fd20>

DOI: 10.1155/2016/8950378
DOCUMENT TYPE: Article
SOURCE: Scopus

Korotenko, K.A.

High-resolution numerical model for predicting the transport and dispersal of oil spill in result of accidental deepwater blowout in the Black Sea
(2016) Proceedings of the International Offshore and Polar Engineering Conference, 2016-January, pp. 1534-1541.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987912377&partnerID=40&md5=d4e13d1d098f18e0d79f3f6b1cc324b0>

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Bacher, C., Filgueira, R., Guyondet, T.

Probabilistic approach of water residence time and connectivity using Markov chains with application to tidal embayments

(2016) Journal of Marine Systems, 153, pp. 25-41.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943311523&doi=10.1016%2fj.jmarsys.2015.09.002&partnerID=40&md5=dcd4a0484a57fd11722950c8ee391902>

DOI: 10.1016/j.jmarsys.2015.09.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Ionescu, M.S., Wilson, S.E., Evans, E.J.

Jellyfish stranding observations around the Isle of Anglesey in the summer of 2014

(2016) Geo-Eco-Marina, 2016 (22), pp. 109-118.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009451956&partnerID=40&md5=42ec29021a06fbeb5a7515b03adbb2e>

DOCUMENT TYPE: Article

SOURCE: Scopus

Zhang, Y.J., Stanev, E.V., Grashorn, S.

Unstructured-grid model for the North Sea and Baltic Sea: Validation against observations

(2016) Ocean Modelling, 97, pp. 91-108. Cited 7 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951761087&doi=10.1016%2fj.ocemod.2015.11.009&partnerID=40&md5=abedb00f8ff6375f1c3e6f7685bc78aa>

DOI: 10.1016/j.ocemod.2015.11.009

DOCUMENT TYPE: Article

SOURCE: Scopus

Jessen, G.L., Lichtschlag, A., Struck, U., Boetius, A.

Distribution and composition of thiotrophic mats in the hypoxic zone of the Black Sea (150-170 m water depth, Crimea margin)

(2016) Frontiers in Microbiology, 7 (JUN), art. no. 1011, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84980361041&doi=10.3389%2ffmicb.2016.01011&partnerID=40&md5=3084d902573b793bc9935f92d03ea0a2>

DOI: 10.3389/fmicb.2016.01011

DOCUMENT TYPE: Article

SOURCE: Scopus

Callaway, R.

Historical data reveal 30-year persistence of benthic fauna associations in heavily modified waterbody

(2016) Frontiers in Marine Science, 3 (AUG), art. no. 141, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008704851&doi=10.3389%2ffmars.2016.00141&partnerID=40&md5=1e13f6c51d46c5db7cfbf11936efef51>

DOI: 10.3389/fmars.2016.00141

DOCUMENT TYPE: Article
SOURCE: Scopus

Kettle, A.J.
Assessing Extreme Events for Energy Meteorology: Media and Scientific Publications to Track the Events of a North Sea Storm
(2016) Energy Procedia, 97, pp. 116-123.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008250394&doi=10.1016%2fj.egypro.2016.10.033&partnerID=40&md5=71331c6e0f9bc778e7a05362a21fa915>

DOI: 10.1016/j.egypro.2016.10.033
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Mihailov, M.-E., Ștefan, S., Diaconu, V., Lazar, L.
Longterm variability of the water mass structure on the Romanian black sea shelf
(2016) Romanian Reports in Physics, 68 (1), pp. 377-392.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962543824&partnerID=40&md5=6d91bf5e9a044ea1f792f23248fe4be0>

DOCUMENT TYPE: Article
SOURCE: Scopus

Burchard, H., Badewien, T.H.
Thermohaline residual circulation of the Wadden Sea
(2015) Ocean Dynamics, 65 (12), pp. 1717-1730. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948584773&doi=10.1007%2fs10236-015-0895-x&partnerID=40&md5=74f88ac727f052fba547309387114>

DOI: 10.1007/s10236-015-0895-x
DOCUMENT TYPE: Article
SOURCE: Scopus

Rusu, L., Guedes Soares, C.
Impact of assimilating altimeter data on wave predictions in the western Iberian coast
(2015) Ocean Modelling, 96, pp. 126-135. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949536985&doi=10.1016%2fj.ocemod.2015.07.016&partnerID=40&md5=f08fff373e677667aa2010c88566b1bc>

DOI: 10.1016/j.ocemod.2015.07.016
DOCUMENT TYPE: Article
SOURCE: Scopus

Grayek, S., Stanev, E.V., Schulz-Stellenfleth, J.
Assessment of the Black Sea observing system. A focus on 2005-2012 Argo campaigns
(2015) Ocean Dynamics, 65 (12), pp. 1665-1684.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948577199&doi=10.1007%2fs10236-015-0889-8&partnerID=40&md5=56944e7bec0fb42c7f693b8e420041d8>

DOI: 10.1007/s10236-015-0889-8
DOCUMENT TYPE: Article
SOURCE: Scopus

Wahle, K., Staneva, J., Guenther, H.
Data assimilation of ocean wind waves using Neural Networks: A case study for the German Bight
(2015) Ocean Modelling, 96, pp. 117-125.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949533380&doi=10.1016%2fj.ocemod.2015.07.007&partnerID=40&md5=b5f09d4d8a5826d5187d457f2c5afa3c>

DOI: 10.1016/j.ocemod.2015.07.007

DOCUMENT TYPE: Article

SOURCE: Scopus

Lorente, P., Piedracoba, S., Soto-Navarro, J., Alvarez-Fanjul, E.
Evaluating the surface circulation in the Ebro delta (northeastern Spain) with quality-controlled high-frequency radar measurements

(2015) *Ocean Science*, 11 (6), pp. 921-935. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948450306&doi=10.5194%2fos-11-921-2015&partnerID=40&md5=15c435d3b3f9c6328f05442203b4bd18>

DOI: 10.5194/os-11-921-2015

DOCUMENT TYPE: Article

SOURCE: Scopus

Brando, V.E., Braga, F., Zaggia, L., Giardino, C., Bresciani, M., Matta, E., Bellafore, D., Ferrarin, C., Maicu, F., Benetazzo, A., Bonaldo, D., Falcieri, F.M., Coluccelli, A., Russo, A., Carniel, S.
High-resolution satellite turbidity and sea surface temperature observations of river plume interactions during a significant flood event

(2015) *Ocean Science*, 11 (6), pp. 909-920. Cited 6 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84948768671&doi=10.5194%2fos-11-909-2015&partnerID=40&md5=297fda4ea6797e4397d791d05ea99cfe>

DOI: 10.5194/os-11-909-2015

DOCUMENT TYPE: Article

SOURCE: Scopus

Haller, M., Janssen, F., Siddorn, J., Petersen, W., Dick, S.
Evaluation of numerical models by FerryBox and fixed platform in situ data in the southern North Sea

(2015) *Ocean Science*, 11 (6), pp. 879-896.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84947205063&doi=10.5194%2fos-11-879-2015&partnerID=40&md5=f27b3c2096238605cd417b26c089953e>

DOI: 10.5194/os-11-879-2015

DOCUMENT TYPE: Article

SOURCE: Scopus

Plus, M., Auby, I., Maurer, D., Trut, G., Del Amo, Y., Dumas, F., Thouvenin, B.
Phytoplankton versus macrophyte contribution to primary production and biogeochemical cycles of a coastal mesotidal system. A modelling approach

(2015) *Estuarine, Coastal and Shelf Science*, 165, pp. 52-60. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941931442&doi=10.1016%2fj.ecss.2015.09.003&partnerID=40&md5=e3c6ae7af974f1f63d29b63bcbebbe08>

DOI: 10.1016/j.ecss.2015.09.003

DOCUMENT TYPE: Article

SOURCE: Scopus

Bresnan, E., Cook, K.B., Hughes, S.L., Hay, S.J., Smith, K., Walsham, P., Webster, L.
Seasonality of the plankton community at an east and west coast monitoring site in Scottish waters

(2015) *Journal of Sea Research*, 105, pp. 16-29. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949528709&doi=10.1016%2fj.seares.2015.06.009&partnerID=40&md5=6f215363cdaa58fc7140408bdcc2cc70>

DOI: 10.1016/j.seares.2015.06.009

DOCUMENT TYPE: Article

SOURCE: Scopus

Gao, X., Xu, L., Zhang, C.

Modelling the effect of water diversion projects on renewal capacity in an urban artificial lake in China

(2015) Journal of Hydroinformatics, 17 (6), pp. 990-1002.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000366419&doi=10.2166%2fhydro.2015.004&partnerID=40&md5=c3d12e5b7310e167b8f357e0f6159441)

[85000366419&doi=10.2166%2fhydro.2015.004&partnerID=40&md5=c3d12e5b7310e167b8f357e0f6159441](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85000366419&doi=10.2166%2fhydro.2015.004&partnerID=40&md5=c3d12e5b7310e167b8f357e0f6159441)

DOI: 10.2166/hydro.2015.004

DOCUMENT TYPE: Article

SOURCE: Scopus

Wiltshire, K.H., Boersma, M., Carstens, K., Kraberg, A.C., Peters, S., Scharfe, M.

Control of phytoplankton in a shelf sea: Determination of the main drivers based on the Helgoland Roads Time Series

(2015) Journal of Sea Research, 105, pp. 42-52. Cited 2 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949538285&doi=10.1016%2fj.seares.2015.06.022&partnerID=40&md5=a6b014a998681e7cc77467eeeb9bba14)

[84949538285&doi=10.1016%2fj.seares.2015.06.022&partnerID=40&md5=a6b014a998681e7cc77467eeeb9bba14](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949538285&doi=10.1016%2fj.seares.2015.06.022&partnerID=40&md5=a6b014a998681e7cc77467eeeb9bba14)

DOI: 10.1016/j.seares.2015.06.022

DOCUMENT TYPE: Article

SOURCE: Scopus

Korotenko, K.A.

Modeling mesoscale circulation of the Black Sea

(2015) Oceanology, 55 (6), pp. 820-826. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951092405&doi=10.1134%2fS0001437015060077&partnerID=40&md5=a2011aec2c35c514328388f1fd78a271)

[84951092405&doi=10.1134%2fS0001437015060077&partnerID=40&md5=a2011aec2c35c514328388f1fd78a271](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951092405&doi=10.1134%2fS0001437015060077&partnerID=40&md5=a2011aec2c35c514328388f1fd78a271)

DOI: 10.1134/S0001437015060077

DOCUMENT TYPE: Article

SOURCE: Scopus

Holinde, L., Badewien, T.H., Freund, J.A., Stanev, E.V., Zielinski, O.

Processing of water level derived from water pressure data at the Time Series Station Spiekeroog

(2015) Earth System Science Data, 7 (2), pp. 289-297. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946089200&doi=10.5194%2fessd-7-289-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946089200&doi=10.5194%2fessd-7-289-2015&partnerID=40&md5=860ffc40c8cdfcb395261ad7ba3eb346)

[2015&partnerID=40&md5=860ffc40c8cdfcb395261ad7ba3eb346](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84946089200&doi=10.5194%2fessd-7-289-2015&partnerID=40&md5=860ffc40c8cdfcb395261ad7ba3eb346)

DOI: 10.5194/essd-7-289-2015

DOCUMENT TYPE: Article

SOURCE: Scopus

Van Vledder, G.P., Akpinar, A.

Wave model predictions in the Black Sea: Sensitivity to wind fields

(2015) Applied Ocean Research, 53, pp. 161-178. Cited 8 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941897010&doi=10.1016%2fj.apor.2015.08.006&partnerID=40&md5=2e4c2da96ae8b9fd3bab6999d9862691)

[84941897010&doi=10.1016%2fj.apor.2015.08.006&partnerID=40&md5=2e4c2da96ae8b9fd3bab6999d9862691](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941897010&doi=10.1016%2fj.apor.2015.08.006&partnerID=40&md5=2e4c2da96ae8b9fd3bab6999d9862691)

DOI: 10.1016/j.apor.2015.08.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Sassi, M., Duran-Matute, M., van Kessel, T., Gerkema, T.

Variability of residual fluxes of suspended sediment in a multiple tidal-inlet system: the Dutch Wadden Sea

(2015) Ocean Dynamics, 65 (9-10), pp. 1321-1333. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942365737&doi=10.1007%2fs10236-015-0866-2&partnerID=40&md5=74b84a90302a69c787d42d9fc0ce8f0b>

DOI: 10.1007/s10236-015-0866-2

DOCUMENT TYPE: Article

SOURCE: Scopus

Staneva, J., Behrens, A., Wahle, K.

Wave modelling for the German Bight coastal-ocean predicting system

(2015) Journal of Physics: Conference Series, 633 (1), art. no. 012117, . Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84983479619&doi=10.1088%2f1742-6596%2f633%2f1%2f012117&partnerID=40&md5=3d40967b62c5b201e175c81870828d92>

DOI: 10.1088/1742-6596/633/1/012117

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Cucco, A., Umgiesser, G.

The Trapping Index: How to integrate the Eulerian and the Lagrangian approach for the computation of the transport time scales of semi-enclosed basins

(2015) Marine Pollution Bulletin, 98 (1-2), pp. 210-220. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941316051&doi=10.1016%2fj.marpolbul.2015.06.048&partnerID=40&md5=bb4bfee0d97223653de136c9336fdf1e>

DOI: 10.1016/j.marpolbul.2015.06.048

DOCUMENT TYPE: Article

SOURCE: Scopus

Barth, A., Canter, M., Van Schaeybroeck, B., Vannitsem, S., Massonnet, F., Zunz, V., Mathiot, P., Alvera-Azcárate, A., Beckers, J.-M.

Assimilation of sea surface temperature, sea ice concentration and sea ice drift in a model of the Southern Ocean (2015) Ocean Modelling, 93, pp. 22-39. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939125425&doi=10.1016%2fj.ocemod.2015.07.011&partnerID=40&md5=687d877b163da0cb2fe892fdf024952f>

DOI: 10.1016/j.ocemod.2015.07.011

DOCUMENT TYPE: Article

SOURCE: Scopus

Herrling, G., Winter, C.

Tidally- and wind-driven residual circulation at the multiple-inlet system East Frisian Wadden Sea

(2015) Continental Shelf Research, 106, pp. 45-59. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937141183&doi=10.1016%2fj.csr.2015.06.001&partnerID=40&md5=accebc307abc2bd31b41c343fc6a282c>

DOI: 10.1016/j.csr.2015.06.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Vandenbulcke, L., Barth, A.

A stochastic operational forecasting system of the Black Sea: Technique and validation

(2015) Ocean Modelling, 93, pp. 7-21. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939489874&doi=10.1016%2fj.ocemod.2015.07.010&partnerID=40&md5=24a08fc871aec19d3d3b016166a5a71f>

DOI: 10.1016/j.ocemod.2015.07.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Lichtschlag, A., Donis, D., Janssen, F., Jessen, G.L., Holtappels, M., Wenzhöfer, F., Mazlumyan, S., Sergeeva, N., Waldmann, C., Boetius, A.

Effects of fluctuating hypoxia on benthic oxygen consumption in the Black Sea (Crimean shelf)

(2015) Biogeosciences, 12 (16), pp. 5075-5092. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940477527&doi=10.5194%2fbg-12-5075-2015&partnerID=40&md5=60ac6f3eaf1b3b1b6e1ae57709814c16>

DOI: 10.5194/bg-12-5075-2015

DOCUMENT TYPE: Article

SOURCE: Scopus

Huang, C., Guo, Y., Yang, H., Li, Y., Zou, J., Zhang, M., Lyu, H., Zhu, A., Huang, T.

Using Remote Sensing to Track Variation in Phosphorus and Its Interaction with Chlorophyll-a and Suspended Sediment

(2015) IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 8 (8), art. no.

7122856, pp. 4171-4180. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941891805&doi=10.1109%2fJSTARS.2015.2438293&partnerID=40&md5=e43b23254cb369fa8da6f2dfbcb4d3dd>

DOI: 10.1109/JSTARS.2015.2438293

DOCUMENT TYPE: Article

SOURCE: Scopus

Yan, Y., Barth, A., Beckers, J.M., Candille, G., Brankart, J.M., Brasseur, P.

Ensemble assimilation of ARGO temperature profile, sea surface temperature, and altimetric satellite data into an eddy permitting primitive equation model of the North Atlantic Ocean

(2015) Journal of Geophysical Research C: Oceans, 120 (7), pp. 5134-5137.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939262853&doi=10.1002%2f2014JC010349&partnerID=40&md5=d80ac3d8b6ec6ee54aa5532fdc77a880>

DOI: 10.1002/2014JC010349

DOCUMENT TYPE: Article

SOURCE: Scopus

Ji, Q., Zhu, X., Wang, H., Liu, G., Gao, S., Ji, X., Xu, Q.

Assimilating operational SST and sea ice analysis data into an operational circulation model for the coastal seas of China

(2015) Acta Oceanologica Sinica, 34 (7), pp. 54-64. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937976668&doi=10.1007%2fs13131-015-0691-y&partnerID=40&md5=f234d67a736ea385b9f53f65a9883d74>

DOI: 10.1007/s13131-015-0691-y

DOCUMENT TYPE: Article

SOURCE: Scopus

Möbius, J., Dähnke, K.

Nitrate drawdown and its unexpected isotope effect in the Danube estuarine transition zone

(2015) Limnology and Oceanography, 60 (3), pp. 1008-1019. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956625777&doi=10.1002%2flno.10068&partnerID=40&md5=b63dda40f4ae7d8dce8ebf9367731824>

DOI: 10.1002/lno.10068

DOCUMENT TYPE: Article

SOURCE: Scopus

Kubryakov, A.A., Stanichny, S.V.

Seasonal and interannual variability of the Black Sea eddies and its dependence on characteristics of the large-scale circulation
(2015) Deep-Sea Research Part I: Oceanographic Research Papers, 97, pp. 80-91. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921059503&doi=10.1016%2fj.dsr.2014.12.002&partnerID=40&md5=e84dfbdb22703513bfcd9d52213e200>

DOI: 10.1016/j.dsr.2014.12.002
DOCUMENT TYPE: Article
SOURCE: Scopus

Karabashev, G.S., Evdoshenko, M.A.
On the seasonality of the wavelength of the maximum of the reflectance spectrum in the Black Sea according to satellite data
(2015) Oceanology, 55 (2), pp. 162-170. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928482487&doi=10.1134%2fS0001437015020058&partnerID=40&md5=e039624955392c4240669132d6629931>

DOI: 10.1134/S0001437015020058
DOCUMENT TYPE: Article
SOURCE: Scopus

O'Donncha, F., Hartnett, M., Nash, S., Ren, L., Ragnoli, E.
Characterizing observed circulation patterns within a bay using HF radar and numerical model simulations
(2015) Journal of Marine Systems, 142, pp. 96-110. Cited 14 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910025904&doi=10.1016%2fj.jmarsys.2014.10.004&partnerID=40&md5=34e9755169dda041e101f2b70655d90c>

DOI: 10.1016/j.jmarsys.2014.10.004
DOCUMENT TYPE: Article
SOURCE: Scopus

Allenbach, K., Garonna, I., Herold, C., Monioudi, I., Giuliani, G., Lehmann, A., Velegrakis, A.F.
Black Sea beaches vulnerability to sea level rise
(2015) Environmental Science and Policy, 46, pp. 95-109. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918768099&doi=10.1016%2fj.envsci.2014.07.014&partnerID=40&md5=28fd1165cfc071c7f28ef9984a40ff1>

DOI: 10.1016/j.envsci.2014.07.014
DOCUMENT TYPE: Article
SOURCE: Scopus

Lohaus, L., Schaumann, P., Cotardo, D., Kelma, S., Werner, M.
Experimental and numerical investigations on grouted joints in monopiles subjected to early-age cycling to evaluate the influence of different wave loadings
(2015) Proceedings of the International Offshore and Polar Engineering Conference, 2015-January, pp. 268-276.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924975686&doi=10.1175%2fJPO-D-14-0001.1&partnerID=40&md5=9524699635898830016531cde19a4261>

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Becherer, J., Stacey, M.T., Umlauf, L., Burchard, H.
Lateral circulation generates flood tide stratification and estuarine exchange flow in a curved tidal inlet
(2015) Journal of Physical Oceanography, 45 (3), pp. 638-656. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924975686&doi=10.1175%2fJPO-D-14-0001.1&partnerID=40&md5=a239c2615758343b68242e801eff8eab>

DOI: 10.1175/JPO-D-14-0001.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Stanev, E.V., Ziemer, F., Schulz-Stellenfleth, J., Seemann, J., Staneva, J., Gurgel, K.-W.
Blending surface currents from HF radar observations and numerical modeling: Tidal hindcasts and forecasts
(2015) Journal of Atmospheric and Oceanic Technology, 32 (2), pp. 256-281. Cited 12 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923010782&doi=10.1175%2fJTECH-D-13-00164.1&partnerID=40&md5=edeebbce4032f558c5448f3d2ad6c809>

DOI: 10.1175/JTECH-D-13-00164.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Schulz, E., Schuttelaars, H.M., Gräwe, U., Burchard, H.
Impact of the depth-to-width ratio of periodically stratified tidal channels on the estuarine circulation
(2015) Journal of Physical Oceanography, 45 (8), pp. 2048-2069. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943386590&doi=10.1175%2fJPO-D-14-0084.1&partnerID=40&md5=7416a24a847b3fa42a221f40e100debf>

DOI: 10.1175/JPO-D-14-0084.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Purkiani, K., Becherer, J., Flöser, G., Gräwe, U., Mohrholz, V., Schuttelaars, H.M., Burchard, H.
Numerical analysis of stratification and destratification processes in a tidally energetic inlet with an ebb tidal delta
(2015) Journal of Geophysical Research: Oceans, 120 (1), pp. 225-243.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923378958&doi=10.1002%2f2014JC010325&partnerID=40&md5=f709c5b6fe9b948d74e2b6c376ff2f6e>

DOI: 10.1002/2014JC010325
DOCUMENT TYPE: Article
SOURCE: Scopus

Cannaby, H., Fach, B.A., Arkin, S.S., Salihoglu, B.
Climatic controls on biophysical interactions in the Black Sea under present day conditions and a potential future (A1B) climate scenario
(2015) Journal of Marine Systems, 141, pp. 149-166. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921361177&doi=10.1016%2fj.jmarsys.2014.08.005&partnerID=40&md5=ccb208686807b147d2add2a77d5da1c9>

DOI: 10.1016/j.jmarsys.2014.08.005
DOCUMENT TYPE: Article
SOURCE: Scopus

Gomez, R., Helzel, T., Merz, C.R., Liu, Y., Weisberg, R.H., Thomas, N.
Improvements in ocean surface radar applications through real-time data quality-control
(2015) 2015 IEEE/OES 11th Current, Waves and Turbulence Measurement, CWTM 2015, art. no. 7098112, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941242878&doi=10.1109%2fCWTM.2015.7098112&partnerID=40&md5=801d03895d37d34ecc70707660892a2a>

DOI: 10.1109/CWTM.2015.7098112
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Brown, J.M., Amoudry, L.O., Souza, A.J., Rees, J.

Fate and pathways of dredged estuarine sediment spoil in response to variable sediment size and baroclinic coastal circulation
(2015) *Journal of Environmental Management*, 149, pp. 209-221. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930508636&doi=10.1016%2fj.jenvman.2014.10.017&partnerID=40&md5=7898a04b1d6b36a414385442d41285e0>

DOI: 10.1016/j.jenvman.2014.10.017

DOCUMENT TYPE: Article

SOURCE: Scopus

Su, J., Tian, T., Krasemann, H., Schartau, M., Wirtz, K.
Response patterns of phytoplankton growth to variations in resuspension in the German Bight revealed by daily MERIS data in 2003 and 2004
(2015) *Oceanologia*, 57 (4), art. no. 31, pp. 328-341. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940723096&doi=10.1016%2fj.oceano.2015.06.001&partnerID=40&md5=dfceaec2c651d510ab923eadb5a1b8cc>

DOI: 10.1016/j.oceano.2015.06.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Gomez, R., Helzel, T., Petersen, L., Kniephoff, M., Rajan, R.
Data server Management framework for coastal radar WERA to support Ocean Observation Systems
(2015) *2015 IEEE Underwater Technology, UT 2015*, art. no. 7108236, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84934342967&doi=10.1109%2fUT.2015.7108236&partnerID=40&md5=6e2be25997780c7b62f2a8e3d6449b6e>

DOI: 10.1109/UT.2015.7108236

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Kubryakov, A.A., Stanichny, S.V.
Mesoscale eddies in the Black Sea from satellite altimetry data
(2015) *Oceanology*, 55 (1), pp. 56-67. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921045617&doi=10.1134%2fS0001437015010105&partnerID=40&md5=cba7e38e5877255cab8161ef14d3dea6>

DOI: 10.1134/S0001437015010105

DOCUMENT TYPE: Article

SOURCE: Scopus

Chronopoulou, P.-M., Sanni, G.O., Silas-Olu, D.I., van der Meer, J.R., Timmis, K.N., Brussaard, C.P.D., McGenity, T.J.
Generalist hydrocarbon-degrading bacterial communities in the oil-polluted water column of the North Sea
(2015) *Microbial Biotechnology*, 8 (3), pp. 434-447. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928011363&doi=10.1111%2fi1751-7915.12176&partnerID=40&md5=05695c63cb798c2b1e3d7b40837b7828>

DOI: 10.1111/i1751-7915.12176

DOCUMENT TYPE: Article

SOURCE: Scopus

Bibov, A., Haario, H., Solonen, A.
Stabilized BFGS approximate Kalman filter
(2015) *Inverse Problems and Imaging*, 9 (4), pp. 1003-1024. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84943516352&doi=10.3934%2fipi.2015.9.1003&partnerID=40&md5=ef1eadbaf23a30467b3d696ecb0de44>

DOI: 10.3934/ipi.2015.9.1003
DOCUMENT TYPE: Article
SOURCE: Scopus

Von Storch, H., Emeis, K., Meinke, I., Kannen, A., Matthias, V., Ratter, B.M.W., Stanev, E., Weisse, R., Wirtz, K.
Making coastal research useful - Cases from practice
(2015) *Oceanologia*, 57 (1), pp. 3-16. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923562826&doi=10.1016%2fj.oceano.2014.09.001&partnerID=40&md5=5cbc3d98cc7ea67b474c0af90093f9b1>

DOI: 10.1016/j.oceano.2014.09.001
DOCUMENT TYPE: Article
SOURCE: Scopus

Kordzadze, A., Demetrashvili, D., Kukhalashvili, V.
Easternmost Black Sea regional forecasting system
(2015) 12th International Conference on the Mediterranean Coastal Environment, MEDCOAST 2015, 2, pp. 769-780.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957968238&partnerID=40&md5=0bdc4409ac8b9fc547709aebb36d03c0>

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Zakaria, H.Y.
Article Review: Lessepsian migration of zooplankton through Suez Canal and its impact on ecological system
(2015) *Egyptian Journal of Aquatic Research*, 41 (2), pp. 129-144. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930576811&doi=10.1016%2fj.ejar.2015.04.001&partnerID=40&md5=a913648762263429afc7e9236a7cf878>

DOI: 10.1016/j.ejar.2015.04.001
DOCUMENT TYPE: Review
SOURCE: Scopus

Grashorn, S., Lettmann, K.A., Wolff, J.-O., Badewien, T.H., Stanev, E.V.
East Frisian Wadden Sea hydrodynamics and wave effects in an unstructured-grid model
(2015) *Ocean Dynamics*, 65 (3), pp. 419-434. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925461435&doi=10.1007%2fs10236-014-0807-5&partnerID=40&md5=a5eab8958cbbecafdb634c7f7e2ed9c8>

DOI: 10.1007/s10236-014-0807-5
DOCUMENT TYPE: Article
SOURCE: Scopus

Karabashev, G.S., Evdoshenko, M.A.
Manifestations of the rim current, coccolithophore blooms, and continental runoff in the long-term monthly mean distributions of satellite reflectance coefficients of the Black Sea
(2015) *Oceanology*, 55 (1), pp. 36-46.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924068257&doi=10.1134%2fS0001437015010087&partnerID=40&md5=6beec45b43464e2e7f63d8eefecbda29>

DOI: 10.1134/S0001437015010087
DOCUMENT TYPE: Article
SOURCE: Scopus

Stepanova, N.B., Chubarenko, I.P., Shchuka, S.A.

Structure and evolution of the cold intermediate layer in the southeastern part of the Baltic Sea by the field measurement data of 2004–2008
(2015) *Oceanology*, 55 (1), pp. 25-35.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924029482&doi=10.1134%2fS0001437015010154&partnerID=40&md5=4664b76d79f28b6caf6e17d03548b4c1>

DOI: 10.1134/S0001437015010154

DOCUMENT TYPE: Article

SOURCE: Scopus

Schulz, A.-C., Badewien, T.H., Zielinski, O.
Impact of currents and turbulence on turbidity dynamics at the time series station Spiekeroog (Wadden sea, Southern North sea)
(2015) 2015 IEEE/OES 11th Current, Waves and Turbulence Measurement, CWTM 2015, art. no. 7098095, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941243313&doi=10.1109%2fCWTM.2015.7098095&partnerID=40&md5=f44792b36fb718674632b688df2adc47>

DOI: 10.1109/CWTM.2015.7098095

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Huang, C., Yang, H., Zhu, A.-X., Zhang, M., Lü, H., Huang, T., Zou, J., Li, Y.
Evaluation of the Geostationary Ocean Color Imager (GOCI) to monitor the dynamic characteristics of suspension sediment in Taihu Lake
(2015) *International Journal of Remote Sensing*, 36 (15), pp. 3859-3874.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938709432&doi=10.1080%2f01431161.2015.1070323&partnerID=40&md5=f7fa716c00ceb0aad6673815a19c9886>

DOI: 10.1080/01431161.2015.1070323

DOCUMENT TYPE: Article

SOURCE: Scopus

Wang, Q., Mu, M.
Responses of the ocean planktonic ecosystem to finite-amplitude perturbations
(2014) *Journal of Geophysical Research C: Oceans*, 119 (12), pp. 8454-8471.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921535747&doi=10.1002%2f2014JC010339&partnerID=40&md5=c22b32f6388e246585ea30d31689f7d7>

DOI: 10.1002/2014JC010339

DOCUMENT TYPE: Article

SOURCE: Scopus

Drivdal, M., Broström, G., Christensen, K.H.
Wave-induced mixing and transport of buoyant particles: Application to the Statfjord oil spill
(2014) *Ocean Science*, 10 (6), pp. 977-991. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84916600226&doi=10.5194%2fos-10-977-2014&partnerID=40&md5=d58daf1b1decc6bd2269c70c20ecd81f>

DOI: 10.5194/os-10-977-2014

DOCUMENT TYPE: Article

SOURCE: Scopus

Petersen, W.
FerryBox systems: State-of-the-art in Europe and future development
(2014) *Journal of Marine Systems*, 140 (PA), pp. 4-12. Cited 13 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918530069&doi=10.1016%2fj.jmarsys.2014.07.003&partnerID=40&md5=1b74fe730067664cabf0965feb5fb8a1>

DOI: 10.1016/j.jmarsys.2014.07.003

DOCUMENT TYPE: Article

SOURCE: Scopus

Gryschka, M., Fricke, J., Raasch, S.

On the impact of forced roll convection on vertical turbulent transport in cold air outbreaks

(2014) *Journal of Geophysical Research Atmospheres*, 119 (22), pp. 12513-12532. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918571025&doi=10.1002%2f2014JD022160&partnerID=40&md5=c95426f1972075a7103c7eed96041556>

DOI: 10.1002/2014JD022160

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., He, Y., Staneva, J., Yakushev, E.

Mixing in the black sea detected from the temporal and spatial variability of oxygen and sulfide – Argo float observations and numerical modelling

(2014) *Biogeosciences*, 11 (20), pp. 5707-5732. Cited 7 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908110323&doi=10.5194%2fbg-11-5707-2014&partnerID=40&md5=69407e2a1ece50a76558ba257ff0b2b3>

DOI: 10.5194/bg-11-5707-2014

DOCUMENT TYPE: Article

SOURCE: Scopus

Dietrich, D.E., Bowman, M.J., Korotenko, K.A., Bowman, M.H.E.

Oil Spill Risk Management: Modeling Gulf of Mexico Circulation and Oil Dispersal

(2014) *Oil Spill Risk Management: Modeling Gulf of Mexico Circulation and Oil Dispersal*, pp. 1-216. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926402879&doi=10.1002%2f9781119027928&partnerID=40&md5=e70f863447be75fb27ef94fd87eb6c4a>

DOI: 10.1002/9781119027928

DOCUMENT TYPE: Book

SOURCE: Scopus

Akhtar, N., Brauch, J., Dobler, A., Béranger, K., Ahrens, B.

Medicanes in an ocean-atmosphere coupled regional climate model

(2014) *Natural Hazards and Earth System Sciences*, 14 (8), pp. 2189-2201. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940328714&doi=10.5194%2fnhess-14-2189-2014&partnerID=40&md5=93f1c91423111d69a001b71f683b6940>

DOI: 10.5194/nhess-14-2189-2014

DOCUMENT TYPE: Article

SOURCE: Scopus

Grifoll, M., Jordà, G., Espino, M.

Surface water renewal and mixing mechanisms in a semi-enclosed microtidal domain. The Barcelona harbour case

(2014) *Journal of Sea Research*, 90, pp. 54-63. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897902172&doi=10.1016%2fj.seares.2014.02.007&partnerID=40&md5=65748b377049da2af91ac57671b667d8>

DOI: 10.1016/j.seares.2014.02.007

DOCUMENT TYPE: Article

SOURCE: Scopus

Chen, W.-B., Liu, W.-C., Hsu, M.-H.

Modeling assessment of a saltwater intrusion and a transport time scale response to sea-level rise in a tidal estuary

(2014) *Environmental Fluid Mechanics*, 15 (3), pp. 491-514. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939897146&doi=10.1007%2fs10652-014-9367-y&partnerID=40&md5=414a4c2b78f7770b32f0bb1e7750b764>

DOI: 10.1007/s10652-014-9367-y

DOCUMENT TYPE: Article

SOURCE: Scopus

Tsabaris, C., Zervakis, V., Kaberi, H., Delfanti, R., Georgopoulos, D., Lampropoulou, M., Kalfas, C.A.

¹³⁷Cs vertical distribution at the deep basins of the North and Central Aegean Sea, Greece

(2014) *Journal of Environmental Radioactivity*, 132, pp. 47-56. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894064599&doi=10.1016%2fj.jenvrad.2014.01.015&partnerID=40&md5=bb7a8a9e6c8b266f70bc2bd0fdc4accdd>

DOI: 10.1016/j.jenvrad.2014.01.015

DOCUMENT TYPE: Article

SOURCE: Scopus

Gómez, A.G., Juanes, J.A., Ondiviela, B., Revilla, J.A.

Assessment of susceptibility to pollution in littoral waters using the concept of recovery time

(2014) *Marine Pollution Bulletin*, 81 (1), pp. 140-148. Cited 9 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897576827&doi=10.1016%2fj.marpolbul.2014.02.004&partnerID=40&md5=2d6cdb9aa60a571fdab80b77248dd66d>

DOI: 10.1016/j.marpolbul.2014.02.004

DOCUMENT TYPE: Article

SOURCE: Scopus

Bajo, M., Ferrarin, C., Dinu, I., Umgiesser, G., Stanica, A.

The water circulation near the danube delta and the romanian coast modelled with finite elements

(2014) *Continental Shelf Research*, 78, pp. 62-74. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895789594&doi=10.1016%2fj.csr.2014.02.006&partnerID=40&md5=9af716d1492146e5e4c883dad50e8c68>

DOI: 10.1016/j.csr.2014.02.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Blondeau-Patissier, D., Schroeder, T., Brando, V.E., Maier, S.W., Dekker, A.G., Phinn, S.

ESA-MERIS 10-year mission reveals contrasting phytoplankton bloom dynamics in two tropical regions of Northern Australia

(2014) *Remote Sensing*, 6 (4), pp. 2963-2988. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898073193&doi=10.3390%2frs6042963&partnerID=40&md5=e39f635459518b5c547027836216902e>

DOI: 10.3390/rs6042963

DOCUMENT TYPE: Article

SOURCE: Scopus

Menna, M., Poulain, P.-M.

Geostrophic currents and kinetic energies in the black sea estimated from merged drifter and satellite altimetry data

(2014) *Ocean Science*, 10 (2), pp. 155-165. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896095588&doi=10.5194%2fos-10-155-2014&partnerID=40&md5=3ac8cb59f71d71c91d7aebb7b339e942>

DOI: 10.5194/os-10-155-2014

DOCUMENT TYPE: Article

SOURCE: Scopus

Eleveld, M.A., Van der Wal, D., Van Kessel, T.

Estuarine suspended particulate matter concentrations from sun-synchronous satellite remote sensing: Tidal and meteorological effects and biases

(2014) Remote Sensing of Environment, 143, pp. 204-215. Cited 8 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893158463&doi=10.1016%2fj.rse.2013.12.019&partnerID=40&md5=d07001f0a49fdb527aa03e18738542c0)

[84893158463&doi=10.1016%2fj.rse.2013.12.019&partnerID=40&md5=d07001f0a49fdb527aa03e18738542c0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893158463&doi=10.1016%2fj.rse.2013.12.019&partnerID=40&md5=d07001f0a49fdb527aa03e18738542c0)

DOI: 10.1016/j.rse.2013.12.019

DOCUMENT TYPE: Article

SOURCE: Scopus

Nonova, T., Tosheva, Z.

Cesium and strontium in Black Sea macroalgae

(2014) Journal of Environmental Radioactivity, 129, pp. 48-56. Cited 2 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890884547&doi=10.1016%2fj.jenvrad.2013.12.004&partnerID=40&md5=36535a0958e7321421173e9b4bcfcca8)

[84890884547&doi=10.1016%2fj.jenvrad.2013.12.004&partnerID=40&md5=36535a0958e7321421173e9b4bcfcca8](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890884547&doi=10.1016%2fj.jenvrad.2013.12.004&partnerID=40&md5=36535a0958e7321421173e9b4bcfcca8)

DOI: 10.1016/j.jenvrad.2013.12.004

DOCUMENT TYPE: Article

SOURCE: Scopus

Capet, A., Troupin, C., Carstensen, J., Grégoire, M., Beckers, J.-M.

Untangling spatial and temporal trends in the variability of the Black Sea Cold Intermediate Layer and mixed Layer Depth using the DIVA detrending procedure

(2014) Ocean Dynamics, 64 (3), pp. 315-324. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896723477&doi=10.1007%2fs10236-013-0683-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896723477&doi=10.1007%2fs10236-013-0683-4&partnerID=40&md5=7ad29d8c710bff37fef21572cef6e962)

[4&partnerID=40&md5=7ad29d8c710bff37fef21572cef6e962](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896723477&doi=10.1007%2fs10236-013-0683-4&partnerID=40&md5=7ad29d8c710bff37fef21572cef6e962)

DOI: 10.1007/s10236-013-0683-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Nauw, J.J., Merckelbach, L.M., Ridderinkhof, H., van Aken, H.M.

Long-term ferry-based observations of the suspended sediment fluxes through the Marsdiep inlet using acoustic Doppler current profilers

(2014) Journal of Sea Research, 87, pp. 17-29. Cited 12 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891413008&doi=10.1016%2fj.seares.2013.11.013&partnerID=40&md5=65b0f5fd5d777710565a2a74e3dadac2)

[84891413008&doi=10.1016%2fj.seares.2013.11.013&partnerID=40&md5=65b0f5fd5d777710565a2a74e3dadac2](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891413008&doi=10.1016%2fj.seares.2013.11.013&partnerID=40&md5=65b0f5fd5d777710565a2a74e3dadac2)

DOI: 10.1016/j.seares.2013.11.013

DOCUMENT TYPE: Article

SOURCE: Scopus

Cessi, P., Pinardi, N., Lyubartsev, V.

Energetics of semiencloded basins with two-layer flows at the strait

(2014) Journal of Physical Oceanography, 44 (3), pp. 967-979. Cited 9 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896822349&doi=10.1175%2fJPO-D-13-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896822349&doi=10.1175%2fJPO-D-13-0129.1&partnerID=40&md5=5760aa27f656c9f28dbb14aebdb5eeec)

[0129.1&partnerID=40&md5=5760aa27f656c9f28dbb14aebdb5eeec](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896822349&doi=10.1175%2fJPO-D-13-0129.1&partnerID=40&md5=5760aa27f656c9f28dbb14aebdb5eeec)

DOI: 10.1175/JPO-D-13-0129.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Karageorgis, A.P., Gardner, W.D., Mikkelsen, O.A., Georgopoulos, D., Ogston, A.S., Assimakopoulou, G., Krasakopoulou, E., Oaie, G., Secieru, D., Kanellopoulos, T., Pagou, K., Anagnostou, C., Papathanassiou, E. Particle sources over the Danube River delta, Black Sea based on distribution, composition and size using optics, imaging and bulk analyses

(2014) *Journal of Marine Systems*, 131, pp. 74-90. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893761823&doi=10.1016%2fj.jmarsys.2013.11.013&partnerID=40&md5=421e181316974303b8bf56e47d0b515b)

[84893761823&doi=10.1016%2fj.jmarsys.2013.11.013&partnerID=40&md5=421e181316974303b8bf56e47d0b515b](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893761823&doi=10.1016%2fj.jmarsys.2013.11.013&partnerID=40&md5=421e181316974303b8bf56e47d0b515b)

DOI: 10.1016/j.jmarsys.2013.11.013

DOCUMENT TYPE: Article

SOURCE: Scopus

Nash, S., Hartnett, M.

Development of a nested coastal circulation model: Boundary error reduction

(2014) *Environmental Modelling and Software*, 53, pp. 65-80. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890090626&doi=10.1016%2fj.envsoft.2013.11.007&partnerID=40&md5=e647aaa10ab5be49472a734b1f8f9503)

[84890090626&doi=10.1016%2fj.envsoft.2013.11.007&partnerID=40&md5=e647aaa10ab5be49472a734b1f8f9503](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890090626&doi=10.1016%2fj.envsoft.2013.11.007&partnerID=40&md5=e647aaa10ab5be49472a734b1f8f9503)

DOI: 10.1016/j.envsoft.2013.11.007

DOCUMENT TYPE: Article

SOURCE: Scopus

Pakhomova, S., Vinogradova, E., Yakushev, E., Zatsepin, A., Shtereva, G., Chasovnikov, V., Podymov, O. Interannual variability of the Black Sea Proper oxygen and nutrients regime: The role of climatic and anthropogenic forcing

(2014) *Estuarine, Coastal and Shelf Science*, 140, pp. 134-145. Cited 13 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896493315&doi=10.1016%2fj.ecss.2013.10.006&partnerID=40&md5=0be06522f55338ccb7442d976dbf3e1f)

[84896493315&doi=10.1016%2fj.ecss.2013.10.006&partnerID=40&md5=0be06522f55338ccb7442d976dbf3e1f](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896493315&doi=10.1016%2fj.ecss.2013.10.006&partnerID=40&md5=0be06522f55338ccb7442d976dbf3e1f)

DOI: 10.1016/j.ecss.2013.10.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Friedrich, J., Janssen, F., Aleynik, D., Bange, H.W., Boltacheva, N., Çagatay, M.N., Dale, A.W., Etiope, G., Erdem, Z., Geraga, M., Gilli, A., Gomoiu, M.T., Hall, P.O.J., Hansson, D., He, Y., Holtappels, M., Kirf, M.K., Kononets, M., Konovalov, S., Lichtschlag, A., Livingstone, D.M., Marinaro, G., Mazlumyan, S., Naeher, S., North, R.P., Papatheodorou, G., Pfannkuche, O., Prien, R., Rehder, G., Schubert, C.J., Soltwedel, T., Sommer, S., Stahl, H., Stanev, E.V., Teaca, A., Tengberg, A., Waldmann, C., Wehrli, B., Wenzhöfer, F.

Investigating hypoxia in aquatic environments: Diverse approaches to addressing a complex phenomenon

(2014) *Biogeosciences*, 11 (4), pp. 1215-1259. Cited 34 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896850637&doi=10.5194%2fbg-11-1215-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896850637&doi=10.5194%2fbg-11-1215-2014&partnerID=40&md5=b972384457d2c0403ea5e62b80a78dd7)

[2014&partnerID=40&md5=b972384457d2c0403ea5e62b80a78dd7](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896850637&doi=10.5194%2fbg-11-1215-2014&partnerID=40&md5=b972384457d2c0403ea5e62b80a78dd7)

DOI: 10.5194/bg-11-1215-2014

DOCUMENT TYPE: Article

SOURCE: Scopus

Ramírez-Mendoza, R., Souza, A.J., Amoudry, L.O.

Modeling flocculation in a hypertidal estuary Topical Collection on Physics of Estuaries and Coastal Seas 2012

(2014) *Ocean Dynamics*, 64 (2), pp. 301-313. Cited 7 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894038768&doi=10.1007%2fs10236-013-0675-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894038768&doi=10.1007%2fs10236-013-0675-4&partnerID=40&md5=1bf6b20fc1a180cb16b9a35a27a50eb7)

[4&partnerID=40&md5=1bf6b20fc1a180cb16b9a35a27a50eb7](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894038768&doi=10.1007%2fs10236-013-0675-4&partnerID=40&md5=1bf6b20fc1a180cb16b9a35a27a50eb7)

DOI: 10.1007/s10236-013-0675-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Wemheuer, B., Güllert, S., Billerbeck, S., Giebel, H.-A., Voget, S., Simon, M., Daniel, R.
Impact of a phytoplankton bloom on the diversity of the active bacterial community in the southern North Sea as revealed by metatranscriptomic approaches
(2014) FEMS Microbiology Ecology, 87 (2), pp. 378-389. Cited 28 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895074799&doi=10.1111%2f1574-6941.12230&partnerID=40&md5=fb9fe1d1345ee0e444bc5c6a52539b01>

DOI: 10.1111/1574-6941.12230

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Al-Nadhairi, R., Staneva, J., Schulz-Stellenfleth, J., Valle-Levinson, A.
Tidal wave transformations in the German Bight
(2014) Ocean Dynamics, 64 (7), pp. 951-968. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904256714&doi=10.1007%2fs10236-014-0733-6&partnerID=40&md5=0a2a4400e35e1958c9e4e9959635ab1f>

DOI: 10.1007/s10236-014-0733-6

DOCUMENT TYPE: Article

SOURCE: Scopus

Tamura, H., Bacopoulos, P., Wang, D., Hagen, S.C., Kubatko, E.J.
State estimation of tidal hydrodynamics using ensemble Kalman filter
(2014) Advances in Water Resources, 63, pp. 45-56. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896922800&doi=10.1016%2fj.advwatres.2013.11.002&partnerID=40&md5=8aeb948fadb1e004729041fd08eb29b0>

DOI: 10.1016/j.advwatres.2013.11.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Delfanti, R., Özsoy, E., Kaberi, H., Schirone, A., Salvi, S., Conte, F., Tsabaris, C., Papucci, C.
Evolution and fluxes of 137Cs in the black sea/turkish straits system/north aegean sea
(2014) Journal of Marine Systems, 135, pp. 117-123. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901622899&doi=10.1016%2fj.jmarsys.2013.01.006&partnerID=40&md5=61ebddb0032e358e1733fb5bbd0f8d91>

DOI: 10.1016/j.jmarsys.2013.01.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Gomez, R., Helzel, T., Petersen, L., Kniephoff, M., Merz, C.R., Liu, Y., Weisberg, R.H.
Real-time quality control of current velocity data on individual grid cells in WERA HF radar
(2014) OCEANS 2014 - TAIPEI, art. no. 6964502, . Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918589243&doi=10.1109%2fOCEANS-TAIPEI.2014.6964502&partnerID=40&md5=399f881ec54b0618e011f8f87caa5c1b>

DOI: 10.1109/OCEANS-TAIPEI.2014.6964502

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Sjöstedt, J., Martiny, J.B.H., Munk, P., Riemann, L.
Abundance of broad bacterial taxa in the sargasso sea explained by environmental conditions but not water mass
(2014) Applied and Environmental Microbiology, 80 (9), pp. 2786-2795. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898605116&doi=10.1128%2fAEM.00099-14&partnerID=40&md5=0ae25207e526a12e1b31eab1655e7ba9>

DOI: 10.1128/AEM.00099-14
DOCUMENT TYPE: Article
SOURCE: Scopus

Shen, Z., Wu, X., Lin, H., Chen, X., Xu, X., Li, L.
Spatial distribution characteristics of surface tidal currents in the southwest of Taiwan Strait
(2014) Journal of Ocean University of China, 13 (6), pp. 971-978.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920110381&doi=10.1007%2fs11802-014-2314-1&partnerID=40&md5=d598f028544b4cc4986e37d7dcef42d4>

DOI: 10.1007/s11802-014-2314-1
DOCUMENT TYPE: Article
SOURCE: Scopus

Font-Muñoz, J.S., Jordi, A., Anglès, S., Basterretxea, G.
Estimation of phytoplankton size structure in coastal waters using simultaneous laser diffraction and fluorescence measurements
(2014) Journal of Plankton Research, 37 (4), pp. 740-751.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939599422&doi=10.1093%2fplankt%2ffbv041&partnerID=40&md5=c4ad19a52f2be922e36455315ff0813d>

DOI: 10.1093/plankt/fbv041
DOCUMENT TYPE: Article
SOURCE: Scopus

Molinarioli, E., Sarretta, A., Ferrarin, C., Masiero, E., Specchiulli, A., Guerzoni, S.
Sediment grain size and hydrodynamics in Mediterranean coastal lagoons: Integrated classification of abiotic parameters
(2014) Journal of Earth System Science, 123 (5), pp. 1097-1114. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900530796&doi=10.1007%2fs12040-014-0445-9&partnerID=40&md5=f7b677e966779912e29a500c21abe294>

DOI: 10.1007/s12040-014-0445-9
DOCUMENT TYPE: Article
SOURCE: Scopus

Dabrowski, T., Lyons, K., Berry, A., Cusack, C., Nolan, G.D.
An operational biogeochemical model of the North-East Atlantic: Model description and skill assessment
(2014) Journal of Marine Systems, 129, pp. 350-367. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888431047&doi=10.1016%2fj.jmarsys.2013.08.001&partnerID=40&md5=993bace8e40f2a4f65abd1ad51e8c2a9>

DOI: 10.1016/j.jmarsys.2013.08.001
DOCUMENT TYPE: Article
SOURCE: Scopus

Pein, J.U., Stanev, E.V., Zhang, Y.J.
The tidal asymmetries and residual flows in Ems Estuary
(2014) Ocean Dynamics, 64 (12), pp. 1719-1741. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911808214&doi=10.1007%2fs10236-014-0772-z&partnerID=40&md5=e2d35dc841217ced28b08efe0a35b0f3>

DOI: 10.1007/s10236-014-0772-z
DOCUMENT TYPE: Article
SOURCE: Scopus

Quattrocchi, G., De Mey, P., Ayoub, N., Vervatis, V.D., Testut, C.E., Reffray, G., Chanut, J., Drillet, Y.
Characterisation of errors of a regional model of the Bay of Biscay in response to wind uncertainties: A first step toward a data assimilation system suitable for coastal sea domains

(2014) Journal of Operational Oceanography, 7 (2), pp. 25-34. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84909639423&partnerID=40&md5=d65e21b0bb929e65241479eee5f10b17>

DOCUMENT TYPE: Article
SOURCE: Scopus

Stanev, E., Schulz-Stellenfleth, J.
Methods of data assimilation
(2014) Kuste, (81), pp. 133-151.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918549813&partnerID=40&md5=165711aed1e015583bcc73103f67d196>

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Kalda, J., Soomere, T., Giudici, A.
On the finite-time compressibility of the surface currents in the Gulf of Finland, the Baltic Sea
(2014) Journal of Marine Systems, 129, pp. 56-65. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888405156&doi=10.1016%2fj.jmarsys.2012.08.010&partnerID=40&md5=39fde26b66024ef16369011867705359>

DOI: 10.1016/j.jmarsys.2012.08.010
DOCUMENT TYPE: Article
SOURCE: Scopus

Onea, F., Rusu, E.
Wind energy assessments along the Black Sea basin
(2014) Meteorological Applications, 21 (2), pp. 316-329. Cited 13 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898821045&doi=10.1002%2fmet.1337&partnerID=40&md5=c8bc4d4ed723e0b501a3f86af6595b2d>

DOI: 10.1002/met.1337
DOCUMENT TYPE: Article
SOURCE: Scopus

Strokal, M.P., Kroeze, C., Kopilevych, V.A., Voytenko, L.V.
Reducing future nutrient inputs to the Black Sea
(2014) Science of the Total Environment, 466-467, pp. 253-264. Cited 8 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881226676&doi=10.1016%2fj.scitotenv.2013.07.004&partnerID=40&md5=db0c157aa657745f1233e0662389412d>

DOI: 10.1016/j.scitotenv.2013.07.004
DOCUMENT TYPE: Article
SOURCE: Scopus

Lips, I., Rünk, N., Kikas, V., Meerits, A., Lips, U.
High-resolution dynamics of the spring bloom in the Gulf of Finland of the Baltic Sea
(2014) Journal of Marine Systems, 129, pp. 135-149. Cited 11 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888402176&doi=10.1016%2fj.jmarsys.2013.06.002&partnerID=40&md5=a81ee598b4a9f16709eb96f655ce884a>

DOI: 10.1016/j.jmarsys.2013.06.002
DOCUMENT TYPE: Article
SOURCE: Scopus

Dorrell, R.M., Darby, S.E., Peakall, J., Sumner, E.J., Parsons, D.R., Wynn, R.B.

The critical role of stratification in submarine channels: Implications for channelization and long runout of flows
(2014) *Journal of Geophysical Research: Oceans*, 119 (4), pp. 2620-2641. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900553857&doi=10.1002%2f2014JC009807&partnerID=40&md5=f9e8e171acb3b04a4d218fb92ca2c015>

DOI: 10.1002/2014JC009807
DOCUMENT TYPE: Article
SOURCE: Scopus

Marmain, J., Molcard, A., Forget, P., Barth, A., Ourmieres, Y.
Assimilation of hf radar surface currents to optimize forcing in the northwestern mediterranean sea
(2014) *Nonlinear Processes in Geophysics*, 21 (3), pp. 659-675. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84984407389&doi=10.5194%2fnpg-21-659-2014&partnerID=40&md5=e9a9981b77b2c8eec8abbbf9e072ff64>

DOI: 10.5194/npg-21-659-2014
DOCUMENT TYPE: Article
SOURCE: Scopus

Liu, Y., Weisberg, R.H., Merz, C.R.
Assessment of CODAR seasonde and WERA HF radars in mapping surface currents on the west Florida shelf
(2014) *Journal of Atmospheric and Oceanic Technology*, 31 (6), pp. 1363-1382. Cited 25 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902207069&doi=10.1175%2fJTECH-D-13-00107.1&partnerID=40&md5=a1aa12991e5187d9c95b1b76d4bffbbaa>

DOI: 10.1175/JTECH-D-13-00107.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Kösters, F., Winter, C.
Exploring German Bight coastal morphodynamics based on modelled bed shear stress
(2014) *Geo-Marine Letters*, 34 (1), pp. 21-36. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893752006&doi=10.1007%2fs00367-013-0346-y&partnerID=40&md5=2b257a07400945badcb4cb0e98b7eca2>

DOI: 10.1007/s00367-013-0346-y
DOCUMENT TYPE: Article
SOURCE: Scopus

Folmer, E.O., Drent, J., Troost, K., Büttger, H., Dankers, N., Jansen, J., van Stralen, M., Millat, G., Herlyn, M., Philippart, C.J.M.
Large-Scale Spatial Dynamics of Intertidal Mussel (*Mytilus edulis* L.) Bed Coverage in the German and Dutch Wadden Sea
(2014) *Ecosystems*, 17 (3), pp. 550-566. Cited 14 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896403190&doi=10.1007%2fs10021-013-9742-4&partnerID=40&md5=177c5457eadcee7f8f1f31fc50feb054>

DOI: 10.1007/s10021-013-9742-4
DOCUMENT TYPE: Article
SOURCE: Scopus

Su, J., Sein, D.V., Mathis, M., Mayer, B., O'Driscoll, K., Chen, X., Mikolajewicz, U., Pohlmann, T.
Assessment of a zoomed global model for the North Sea by comparison with a conventional nested regional model
(2014) *Tellus, Series A: Dynamic Meteorology and Oceanography*, 66 (1), art. no. 23927, . Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904895495&doi=10.3402%2ftellusa.v66.23927&partnerID=40&md5=38a152d9c140222b1ebfc200460ab30d>

DOI: 10.3402/tellusa.v66.23927
DOCUMENT TYPE: Article

SOURCE: Scopus

Akoglu, E., Salihoglu, B., Libralato, S., Oguz, T., Solidoro, C.
An indicator-based evaluation of Black Sea food web dynamics during 1960-2000
(2014) *Journal of Marine Systems*, 134, pp. 113-125. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84898664945&doi=10.1016%2fj.jmarsys.2014.02.010&partnerID=40&md5=a09d6aa3b147a600c5cb889cdbfb3c26>

DOI: 10.1016/j.jmarsys.2014.02.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Giudici, A., Soomere, T.
Finite-time compressibility as an agent of frequent spontaneous patch formation in the surface layer: A case study for the Gulf of Finland, the Baltic Sea
(2014) *Marine Pollution Bulletin*, 89 (1-2), pp. 239-249. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914153500&doi=10.1016%2fj.marpolbul.2014.09.053&partnerID=40&md5=e5a3c87844115152c8b3133e94aebf67>

DOI: 10.1016/j.marpolbul.2014.09.053

DOCUMENT TYPE: Article

SOURCE: Scopus

Winter, C., Bartholomä, A., Capperucci, R., Callies, U., Heipke, C., Schmidt, A., Hillebrand, H., Reimers, C., Bremer, P., Weiler, R., Herrling, G.
Scientific concepts for the monitoring of the ecological state of the German coastal waters [Wissenschaftliche Konzepte für ein Monitoring des ökologischen Zustands des deutschen Küstenmeeres]
(2014) *Wasser und Abfall*, 16 (7-8), pp. 21-26.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906503792&doi=10.1365%2fs35152-014-0685-7&partnerID=40&md5=d43ee9b6121affba3a99cb8d9fee41e8>

DOI: 10.1365/s35152-014-0685-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Berta, M., Bellomo, L., Magaldi, M.G., Griffa, A., Molcard, A., Marmain, J., Borghini, M., Taillandier, V.
Estimating Lagrangian transport blending drifters with HF radar data and models: Results from the TOSCA experiment in the Ligurian Current (North Western Mediterranean Sea)
(2014) *Progress in Oceanography*, 128, pp. 15-29. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907968791&doi=10.1016%2fj.pocean.2014.08.004&partnerID=40&md5=351dd49a6b8afa5b8c9e934d858b1a36>

DOI: 10.1016/j.pocean.2014.08.004

DOCUMENT TYPE: Article

SOURCE: Scopus

Wu, X., He, D., Yang, G., Ye, L., Zhu, C., Jia, H., Hu, J.
Seasonal variability of water quality and metazooplankton community structure in Xiaowan Reservoir of the upper Mekong River
(2014) *Journal of Limnology*, 73 (1), pp. 167-176. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904436283&doi=10.4081%2fjlimnol.2014.801&partnerID=40&md5=0669dd0c8c89d6435089a3c4d88b52db>

DOI: 10.4081/jlimnol.2014.801

DOCUMENT TYPE: Article

SOURCE: Scopus

Liu, F., Su, J., Moll, A., Krasemann, H., Chen, X., Pohlmann, T., Wirtz, K.
Assessment of the summer-autumn bloom in the Bohai Sea using satellite images to identify the roles of wind mixing and light conditions
(2014) *Journal of Marine Systems*, 129, pp. 303-317. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888439154&doi=10.1016%2fj.jmarsys.2013.07.007&partnerID=40&md5=653360aa9800b0b0c25d405fc10810e9>

DOI: 10.1016/j.jmarsys.2013.07.007

DOCUMENT TYPE: Article

SOURCE: Scopus

Zhang, P., Wai, O.W.H., Lu, J., Chen, X.
Numerical modeling of cohesive sediment transport in a tidal bay with current velocity assimilation
(2014) *Journal of Oceanography*, 70 (6), pp. 505-519.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922079536&doi=10.1007%2fs10872-014-0246-4&partnerID=40&md5=f840e7fa3bf1d4fe8bc5b115ac48f64b>

DOI: 10.1007/s10872-014-0246-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Nicholas, W.A., Chivas, A.R.
Late Quaternary sea-level change on the black sea shelves
(2014) *Geological Society Memoir*, 41 (1), pp. 199-212. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929933977&doi=10.1144%2fM41.14&partnerID=40&md5=ad7fdd89464d445cebe6381370b4fd9d>

DOI: 10.1144/M41.14

DOCUMENT TYPE: Article

SOURCE: Scopus

Karydis, M., Kitsiou, D.
Eutrophication in the european regional seas: A review on impacts, assessment and policy
(2014) *Phytoplankton: Biology, Classification and Environmental Impacts*, pp. 167-243. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954601495&partnerID=40&md5=94e9417ef81d4996fd49d9422f77ce32>

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

Erm, A., Maljutenko, I., Buschmann, F., Suhhova, I., Meerits, A.
Stormwater impact on the coastal area of the Tallinn Bay
(2014) *Measuring and Modeling of Multi-Scale Interactions in the Marine Environment - IEEE/OES Baltic International Symposium 2014, BALTIC 2014*, art. no. 6887867, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923886396&doi=10.1109%2fBALTIC.2014.6887867&partnerID=40&md5=03bad51a96d8025391eed49da7f4c2aa>

DOI: 10.1109/BALTIC.2014.6887867

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Etemad-Shahidi, A., Pirnia, M., Moshfeghi, H., Lemckert, C.
Investigation of hydraulics transport time scales within the Arvand River estuary, Iran
(2014) *Hydrological Processes*, 28 (25), pp. 6006-6015. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914108519&doi=10.1002%2fhyp.10095&partnerID=40&md5=69992e97d7674b23c7320d39c549cb2d>

DOI: 10.1002/hyp.10095

DOCUMENT TYPE: Article
SOURCE: Scopus

Amoudry, L.O., Ramirez-Mendoza, R., Souza, A.J., Brown, J.M.
Modelling-based assessment of suspended sediment dynamics in a hypertidal estuarine channel
(2014) *Ocean Dynamics*, 64 (5), pp. 707-722. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904669242&doi=10.1007%2fs10236-014-0695-8&partnerID=40&md5=98a3179647b1a12317e4e729b2169378>

DOI: 10.1007/s10236-014-0695-8
DOCUMENT TYPE: Article
SOURCE: Scopus

Ivanov, V.A., Bagaiev, A.V.
Oscillation of hydrophysical fields on the shelf and continental slope caused by nonstationary wind
(2014) *Izvestiya - Atmospheric and Ocean Physics*, 50 (6), pp. 648-656.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919764114&doi=10.1134%2fS0001433814060097&partnerID=40&md5=97c77e281c321622b2fb84a921c0ba3a>

DOI: 10.1134/S0001433814060097
DOCUMENT TYPE: Article
SOURCE: Scopus

Korotaev, G.K., Knysh, V.V., Kubryakov, A.I.
Study of formation process of cold intermediate layer based on reanalysis of Black Sea hydrophysical fields for 1971-1993
(2014) *Izvestiya - Atmospheric and Ocean Physics*, 50 (1), pp. 35-48. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897525796&doi=10.1134%2fS0001433813060108&partnerID=40&md5=705eebf8c59708026078997a5555cddb>

DOI: 10.1134/S0001433813060108
DOCUMENT TYPE: Article
SOURCE: Scopus

Staneva, J., Behrens, A., Groll, N.
Recent advances in wave modelling for the North Sea and German Bight
(2014) *Kuste*, (81), pp. 233-254. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918589475&partnerID=40&md5=4c2684fb39a879e4783445bfa0565f45>

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Cho, K.-H., Li, Y., Wang, H., Park, K.-S., Choi, J.-Y., Shin, K.-I., Kwon, J.-I.
Development and validation of an operational search and rescue modeling system for the yellow sea and the east and south China seas
(2014) *Journal of Atmospheric and Oceanic Technology*, 31 (1), pp. 197-215. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892460525&doi=10.1175%2fJTECH-D-13-00097.1&partnerID=40&md5=35c7acdbde00b93d69ee2aa2b0c2bb07>

DOI: 10.1175/JTECH-D-13-00097.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Velea, L., Bojariu, R., Cica, R.
Occurrence of extreme winds over the black sea during january under present and near future climate
(2014) *Turkish Journal of Fisheries and Aquatic Sciences*, 14 (4), pp. 973-979.

https://www.scopus.com/inward/record.uri?eid=2-s2.0-84926624824&doi=10.4194%2f1303-2712-v14_4_17&partnerID=40&md5=d3c0c454a45eb3eb4ff80660c7143133

DOI: 10.4194/1303-2712-v14_4_17

DOCUMENT TYPE: Article

SOURCE: Scopus

Dorofeev, V.L., Korotaev, G.K., Sukhikh, L.I.

Study of long-term variations in the Black Sea fields using an interdisciplinary physical and biogeochemical model

(2013) *Izvestiya - Atmospheric and Ocean Physics*, 49 (6), pp. 622-631.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890882607&doi=10.1134%2fS0001433813060054&partnerID=40&md5=b82448f95dc7e2dee8836ea9a2533d43>

DOI: 10.1134/S0001433813060054

DOCUMENT TYPE: Article

SOURCE: Scopus

Van Prooijen, B.C., Wang, Z.B.

A 1D model for tides waves and fine sediment in short tidal basins - Application to the Wadden Sea

(2013) *Ocean Dynamics*, 63 (11-12), pp. 1233-1248. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890510760&doi=10.1007%2fs10236-013-0648-7&partnerID=40&md5=5883ef25ab5a3b70b1dffa9f1c8b139b>

DOI: 10.1007/s10236-013-0648-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Mihailov, M.-E., Buga, L., Lazar, L., Malciu, V., Stefan, S., Dumitrache, L.

Danube river influence on the Romanian black sea waters

(2013) *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM*, pp. 823-830. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892582668&doi=10.5593%2fsgem2013&partnerID=40&md5=80fdDBC24502d7d6d9c8b4b61c98669f>

DOI: 10.5593/sgem2013

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Dinu, I., Bajo, M., Lorenzetti, G., Umgieser, G., Zaggia, L., Maximov, G., Stănică, A.

Discussion concerning the current circulation along the Romanian Black Sea coast

(2013) *Geo-Eco-Marina*, 19, pp. 17-37. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891658295&partnerID=40&md5=829b5f48cbfe7bdbe399f1149f7681dc>

DOCUMENT TYPE: Article

SOURCE: Scopus

Yaremchuk, M., Sentchev, A.

Interpolation of the radial velocity data from coastal hf radars

(2013) *Radar Systems: Technology, Principles and Applications*, pp. 135-166.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892110219&partnerID=40&md5=284f958a8d83930b4c3cebd0c3a3bb49>

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

Störmer, R., Wichels, A., Gerds, G.

Geo-Chip analysis reveals reduced functional diversity of the bacterial community at a dumping site for dredged Elbe sediment
(2013) Marine Pollution Bulletin, 77 (1-2), pp. 113-122.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888429999&doi=10.1016%2fj.marpolbul.2013.10.022&partnerID=40&md5=a9719db83a70b06e6b49d4e6206302ec>

DOI: 10.1016/j.marpolbul.2013.10.022
DOCUMENT TYPE: Article
SOURCE: Scopus

Hahnke, R.L., Harder, J.
Phylogenetic diversity of Flavobacteria isolated from the North Sea on solid media
(2013) Systematic and Applied Microbiology, 36 (7), pp. 497-504. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884209603&doi=10.1016%2fj.syapm.2013.06.006&partnerID=40&md5=1809e41aae932325071bc99cf79a6ec5>

DOI: 10.1016/j.syapm.2013.06.006
DOCUMENT TYPE: Article
SOURCE: Scopus

Flöser, G., Riethmüller, R., Nauw, J., Burchard, H.
Observational evidence for the general presence of estuarine circulation in the Wadden Sea
(2013) Journal of Coastal Research, (SPEC. ISSUE 65), pp. 1527-1532. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883813813&doi=10.2112%2fSI65-258&partnerID=40&md5=e07142c2e23513c7fc5beda4fd463c7c>

DOI: 10.2112/SI65-258
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Gao, X., Chen, Y., Zhang, C.
Water renewal timescales in an ecological reconstructed lagoon in China
(2013) Journal of Hydroinformatics, 15 (3), pp. 991-1001. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883572018&doi=10.2166%2fhydro.2013.136&partnerID=40&md5=e770bf03b200fe1b00c7d4560ccf5a24>

DOI: 10.2166/hydro.2013.136
DOCUMENT TYPE: Article
SOURCE: Scopus

Philippart, C.J.M., Salama, M.S., Kromkamp, J.C., van der Woerd, H.J., Zuur, A.F., Cadée, G.C.
Four decades of variability in turbidity in the western Wadden Sea as derived from corrected Secchi disk readings
(2013) Journal of Sea Research, 82, pp. 67-79. Cited 14 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882662359&doi=10.1016%2fj.seares.2012.07.005&partnerID=40&md5=a3e52afaf95da2d108107b16c9a17046>

DOI: 10.1016/j.seares.2012.07.005
DOCUMENT TYPE: Article
SOURCE: Scopus

Wirtz, K.W., Sommer, U.
Mechanistic origins of variability in phytoplankton dynamics. Part II: Analysis of mesocosm blooms under climate change scenarios
(2013) Marine Biology, 160 (9), pp. 2503-2516. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883055619&doi=10.1007%2fs00227-013-2271-z&partnerID=40&md5=3b8fc5e7f0f05696a61de8a785a0d7d0>

DOI: 10.1007/s00227-013-2271-z
DOCUMENT TYPE: Article
SOURCE: Scopus

Shapiro, G., Luneva, M., Pickering, J., Storkey, D.
The effect of various vertical discretization schemes and horizontal diffusion parameterization on the performance of a 3-D ocean model: The Black Sea case study
(2013) *Ocean Science*, 9 (2), pp. 377-390. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84882794834&doi=10.5194%2fos-9-377-2013&partnerID=40&md5=36ad7d28d6522c8e3b8a087b1d37df7d>

DOI: 10.5194/os-9-377-2013
DOCUMENT TYPE: Article
SOURCE: Scopus

Erginal, A.E., Ekinci, Y.L., Demirci, A., Bozcu, M., Ozturk, M.Z., Avcioglu, M., Oztura, E.
First record of beachrock on Black Sea coast of Turkey: Implications for Late Holocene sea-level fluctuations
(2013) *Sedimentary Geology*, 294, pp. 294-302. Cited 11 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880403373&doi=10.1016%2fj.sedgeo.2013.06.003&partnerID=40&md5=f03f87f97dcba9f1959b940f8efd40f7>

DOI: 10.1016/j.sedgeo.2013.06.003
DOCUMENT TYPE: Article
SOURCE: Scopus

Brennwald, M.S., Hofer, M., Kipfer, R.
Simultaneous analysis of noble gases, sulfur hexafluoride, and other dissolved gases in water
(2013) *Environmental Science and Technology*, 47 (15), pp. 8599-8608. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881457005&doi=10.1021%2fes401698p&partnerID=40&md5=b50db9338a1348054810dd6c512372fb>

DOI: 10.1021/es401698p
DOCUMENT TYPE: Article
SOURCE: Scopus

Capet, A., Beckers, J.-M., Grégoire, M.
Drivers, mechanisms and long-term variability of seasonal hypoxia on the Black Sea northwestern shelf - Is there any recovery after eutrophication?
(2013) *Biogeosciences*, 10 (6), pp. 3943-3962. Cited 16 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880807351&doi=10.5194%2fbg-10-3943-2013&partnerID=40&md5=63de7fea3959d570384d875c76abee94>

DOI: 10.5194/bg-10-3943-2013
DOCUMENT TYPE: Article
SOURCE: Scopus

Gräwe, U., Friedland, R., Burchard, H.
The future of the western Baltic Sea: Two possible scenarios
(2013) *Ocean Dynamics*, 63 (8), pp. 901-921. Cited 17 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881249612&doi=10.1007%2fs10236-013-0634-0&partnerID=40&md5=ca54aeaad3e0e7ad9b177b9c932c1fa0>

DOI: 10.1007/s10236-013-0634-0
DOCUMENT TYPE: Article
SOURCE: Scopus

Balfour, C.A., Howarth, M.J., Jones, D.S., Doyle, T.
The design and development of an Irish sea passenger-ferry-based oceanographic measurement system

(2013) *Journal of Atmospheric and Oceanic Technology*, 30 (6), pp. 1226-1239. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880738258&doi=10.1175%2fJTECH-D-12-00223.1&partnerID=40&md5=4b790c59c800e760ea42a13cd99567c8>

DOI: 10.1175/JTECH-D-12-00223.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Peng, C., Zhang, L., Zheng, Y., Li, D.

Seasonal succession of phytoplankton in response to the variation of environmental factors in the Gaolan River, Three Gorges Reservoir, China

(2013) *Chinese Journal of Oceanology and Limnology*, 31 (4), pp. 737-749. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880059184&doi=10.1007%2fs00343-013-2165-4&partnerID=40&md5=61202bea69407e314549078bf93560ac>

DOI: 10.1007/s00343-013-2165-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., He, Y., Grayek, S., Boetius, A.

Oxygen dynamics in the Black Sea as seen by Argo profiling floats

(2013) *Geophysical Research Letters*, 40 (12), pp. 3085-3090. Cited 6 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880517411&doi=10.1002%2fgrl.50606&partnerID=40&md5=c60c75cd1346913a9446eb3bf76616b5>

DOI: 10.1002/grl.50606

DOCUMENT TYPE: Article

SOURCE: Scopus

Vuță, L.I., Dumitran, G.E.

Assessment of water quality at the Romanian black sea shore

(2013) *UPB Scientific Bulletin, Series D: Mechanical Engineering*, 75 (2), pp. 195-206. Cited 3 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878404037&partnerID=40&md5=9ecb51995ddc6c7b228b5017f9bd2d7f>

DOCUMENT TYPE: Article

SOURCE: Scopus

Wan, Z., Bi, H., She, J.

Comparison of two light attenuation parameterization focusing on timing of spring bloom and primary production in the Baltic Sea

(2013) *Ecological Modelling*, 259, pp. 40-49. Cited 7 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876957832&doi=10.1016%2fj.ecolmodel.2013.03.010&partnerID=40&md5=f977770f309356629c0b19c3fb68916d>

DOI: 10.1016/j.ecolmodel.2013.03.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Fu, Y., Keats, K.F., Rivkin, R.B., Lang, A.S.

Water mass and depth determine the distribution and diversity of Rhodobacterales in an Arctic marine system

(2013) *FEMS Microbiology Ecology*, 84 (3), pp. 564-576. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877715610&doi=10.1111%2f1574-6941.12085&partnerID=40&md5=0745ba18a533db81de1d5d46ca42457c>

DOI: 10.1111/1574-6941.12085

DOCUMENT TYPE: Article

SOURCE: Scopus

Panteleev, G., Yaremchuk, M., Francis, O., Kikuchi, T.
Configuring high frequency radar observations in the Southern Chukchi Sea
(2013) *Polar Science*, 7 (2), pp. 72-81. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879073540&doi=10.1016%2fj.polar.2013.01.001&partnerID=40&md5=a13874d58eaeef948db0e97410f5a184>

DOI: 10.1016/j.polar.2013.01.001
DOCUMENT TYPE: Article
SOURCE: Scopus

Abouali, M., Castillo, J.E.
Unified Curvilinear Ocean Atmosphere Model (UCOAM): A vertical velocity case study
(2013) *Mathematical and Computer Modelling*, 57 (9-10), pp. 2158-2168. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875650029&doi=10.1016%2fj.mcm.2011.03.023&partnerID=40&md5=83b12b5e216ceb5258a8eca9310a3270>

DOI: 10.1016/j.mcm.2011.03.023
DOCUMENT TYPE: Article
SOURCE: Scopus

Lin, Z., Lin, S., Gu, J., Hu, C.
Responses of phytoplankton community to the construction of small hydropower stations in Hainan Province
(2013) *Shengtai Xuebao/ Acta Ecologica Sinica*, 33 (4), pp. 1186-1194.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874884916&doi=10.5846%2fstxb201205300790&partnerID=40&md5=f958e287848fba2bf3a112a43053344d>

DOI: 10.5846/stxb201205300790
DOCUMENT TYPE: Article
SOURCE: Scopus

Androulidakis, Y.S., Kourafalou, V.H.
On the processes that influence the transport and fate of Mississippi waters under flooding outflow conditions
(2013) *Ocean Dynamics*, 63 (2-3), pp. 143-164. Cited 11 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879687993&doi=10.1007%2fs10236-012-0587-8&partnerID=40&md5=ad97bd3875ef8e1f357fa645dbbb288e>

DOI: 10.1007/s10236-012-0587-8
DOCUMENT TYPE: Article
SOURCE: Scopus

Guillou, N., Chapalain, G., Duvieilbourg, E.
Modelling impact of bottom roughness on sea surface temperature in the Sea of Iroise
(2013) *Continental Shelf Research*, 54, pp. 80-92. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873704327&doi=10.1016%2fj.csr.2012.12.003&partnerID=40&md5=7b6e09b2aa96bc454dcaf0af1b33dbd7>

DOI: 10.1016/j.csr.2012.12.003
DOCUMENT TYPE: Article
SOURCE: Scopus

Kourafalou, V.H., Androulidakis, Y.S.
Influence of Mississippi River induced circulation on the Deepwater Horizon oil spill transport
(2013) *Journal of Geophysical Research: Oceans*, 118 (8), pp. 3823-3842. Cited 19 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885129241&doi=10.1002%2fjgrc.20272&partnerID=40&md5=cb0ad34f618d1603ddd5bd68d7d720ba>

DOI: 10.1002/jgrc.20272
DOCUMENT TYPE: Article

SOURCE: Scopus

Song, D., Wang, X.H.

Suspended sediment transport in the Deepwater Navigation Channel, Yangtze River Estuary, China, in the dry season 2009: 2. Numerical simulations

(2013) *Journal of Geophysical Research: Oceans*, 118 (10), pp. 5568-5590. Cited 11 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890282997&doi=10.1002%2fjgrc.20411&partnerID=40&md5=6b843058791390e5695eaf0d962c6451)

[84890282997&doi=10.1002%2fjgrc.20411&partnerID=40&md5=6b843058791390e5695eaf0d962c6451](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890282997&doi=10.1002%2fjgrc.20411&partnerID=40&md5=6b843058791390e5695eaf0d962c6451)

DOI: 10.1002/jgrc.20411

DOCUMENT TYPE: Article

SOURCE: Scopus

Shulman, I., Frolov, S., Anderson, S., Penta, B., Gould, R., Sakalaukus, P., Ladner, S.

Impact of bio-optical data assimilation on short-term coupled physical, bio-optical model predictions

(2013) *Journal of Geophysical Research: Oceans*, 118 (4), pp. 2215-2230. Cited 14 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878051074&doi=10.1002%2fjgrc.20177&partnerID=40&md5=59aa68920a8e9f42e1368c8e6ceffad7)

[84878051074&doi=10.1002%2fjgrc.20177&partnerID=40&md5=59aa68920a8e9f42e1368c8e6ceffad7](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878051074&doi=10.1002%2fjgrc.20177&partnerID=40&md5=59aa68920a8e9f42e1368c8e6ceffad7)

DOI: 10.1002/jgrc.20177

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Lu, X.

European semi-enclosed seas: Basic physical processes and their numerical modelling

(2013) *Preventive Methods for Coastal Protection: Towards the Use of Ocean Dynamics for Pollution Control*, pp. 131-179. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939212932&doi=10.1007%2f978-3-319-00440-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939212932&doi=10.1007%2f978-3-319-00440-2_5&partnerID=40&md5=74df9357a737a64b0985dffd9f51afac)

[2_5&partnerID=40&md5=74df9357a737a64b0985dffd9f51afac](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939212932&doi=10.1007%2f978-3-319-00440-2_5&partnerID=40&md5=74df9357a737a64b0985dffd9f51afac)

DOI: 10.1007/978-3-319-00440-2_5

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

Grifoll, M., Del Campo, A., Espino, M., Mader, J., González, M., Borja, T.

Water renewal and risk assessment of water pollution in semi-enclosed domains: Application to Bilbao Harbour (Bay of Biscay)

(2013) *Journal of Marine Systems*, 109-110 (SUPPL.), . Cited 9 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871615147&doi=10.1016%2fj.jmarsys.2011.07.010&partnerID=40&md5=c968cc7580a8a0778b18075d94df1032)

[84871615147&doi=10.1016%2fj.jmarsys.2011.07.010&partnerID=40&md5=c968cc7580a8a0778b18075d94df1032](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871615147&doi=10.1016%2fj.jmarsys.2011.07.010&partnerID=40&md5=c968cc7580a8a0778b18075d94df1032)

DOI: 10.1016/j.jmarsys.2011.07.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Garel, E., Ferreira, Ó.

Fortnightly Changes in Water Transport Direction Across the Mouth of a Narrow Estuary

(2013) *Estuaries and Coasts*, 36 (2), pp. 286-299. Cited 10 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874798853&doi=10.1007%2fs12237-012-9566-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874798853&doi=10.1007%2fs12237-012-9566-z&partnerID=40&md5=61387cd96039d5dcd70d022da478ee)

[z&partnerID=40&md5=61387cd96039d5dcd70d022da478ee](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874798853&doi=10.1007%2fs12237-012-9566-z&partnerID=40&md5=61387cd96039d5dcd70d022da478ee)

DOI: 10.1007/s12237-012-9566-z

DOCUMENT TYPE: Article

SOURCE: Scopus

Müller, S., Stanev, E.V., Schulz-Stellenfleth, J., Staneva, J., Koch, W.

Atmospheric boundary layer rolls: Quantification of their effect on the hydrodynamics in the German Bight

(2013) *Journal of Geophysical Research: Oceans*, 118 (10), pp. 5036-5053. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84890278173&doi=10.1002%2fjgrc.20388&partnerID=40&md5=9342ddbee427c51a990ca61f431c89a4>

DOI: 10.1002/jgrc.20388

DOCUMENT TYPE: Article

SOURCE: Scopus

Steinert, G., Huelsken, T., Gerlach, G., Bininda-Emonds, O.R.P.
Species status and population structure of mussels (Mollusca: Bivalvia: Mytilus spp.) in the Wadden Sea of Lower Saxony (Germany)

(2012) Organisms Diversity and Evolution, 12 (4), pp. 387-402. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870480422&doi=10.1007%2fs13127-012-0075-5&partnerID=40&md5=6055fc3743c5b6a7f7ac35c710ca19ff>

DOI: 10.1007/s13127-012-0075-5

DOCUMENT TYPE: Article

SOURCE: Scopus

Kuznetsov, A.B., Semikhatov, M.A., Gorokhov, I.M.

The Sr isotope composition of the world ocean, marginal and inland seas: Implications for the Sr isotope stratigraphy

(2012) Stratigraphy and Geological Correlation, 20 (6), pp. 501-515. Cited 13 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873300969&doi=10.1134%2fS0869593812060044&partnerID=40&md5=bd02ef884f5a089d56676393ab99e45b>

DOI: 10.1134/S0869593812060044

DOCUMENT TYPE: Article

SOURCE: Scopus

Losa, S.N., Danilov, S., Schröter, J., Nerger, L., Mamann, S., Janssen, F.

Assimilating NOAA SST data into the BSH operational circulation model for the North and Baltic Seas: Inference about the data

(2012) Journal of Marine Systems, 105-108, pp. 152-162. Cited 11 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867335382&doi=10.1016%2fj.jmarsys.2012.07.008&partnerID=40&md5=46f54cd4ba39394d8e861c34ec05d865>

DOI: 10.1016/j.jmarsys.2012.07.008

DOCUMENT TYPE: Article

SOURCE: Scopus

Geisler, T., Oppelt, N., Heege, T.

Accuracy assessment of input parameters for a water column correction approach for case 2 waters

(2012) Proceedings of SPIE - The International Society for Optical Engineering, 8532, art. no. 85320H, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887096242&doi=10.1117%2f12.973735&partnerID=40&md5=da3b0eff2584a9082582053903673407>

DOI: 10.1117/12.973735

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Donncha, F.O., Ragnoli, E., Zhuk, S., Suits, F., Hartnett, M.

Surface flow dynamics within an exposed wind-driven bay: Combined HF radar observations and model simulations

(2012) OCEANS 2012 MTS/IEEE: Harnessing the Power of the Ocean, art. no. 6404902, . Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873580641&doi=10.1109%2fOCEANS.2012.6404902&partnerID=40&md5=8abdd3f586c042507b1eb8fa5760b1fa>

DOI: 10.1109/OCEANS.2012.6404902
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Briceag, A., Stoica, M., Oaie, G., Melinte-Dobrinescu, M.C.
Late Holocene microfaunal and nannofloral assemblages of the NW Black Sea
(2012) *Geo-Eco-Marina*, 18, pp. 65-73. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872172966&partnerID=40&md5=634aac8bc0727c4fc81594c1bec298f7>

DOCUMENT TYPE: Article
SOURCE: Scopus

Vasiliu, D., Boicenco, L., Gomoiu, M.T., Lazar, L., Mihailov, M.E.
Temporal variation of surface chlorophyll a in the Romanian near-shore waters
(2012) *Mediterranean Marine Science*, 13 (2), pp. 213-226. Cited 9 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873969864&partnerID=40&md5=bc09741a864054d34ca5b2fb6f2e957e>

DOCUMENT TYPE: Article
SOURCE: Scopus

Nicholls, R.J., Bradbury, A., Burningham, H., Dix, J., Ellis, M., French, J., Hall, J.W., Karunaratna, H.U., Lawn, J., Pan, S., Reeve, D.E., Rogers, B., Souza, A., Stansby, P.K., Sutherland, J., Tarrant, O., Walkden, M., Whitehouse, R.
ICOASST - Integrating coastal sediment systems
(2012) *Proceedings of the Coastal Engineering Conference*, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884959812&partnerID=40&md5=1b94c3e44bf5bac40161c337c49096be>

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Mateus, M., Riflet, G., Chambel, P., Fernandes, L., Fernandes, R., Juliano, M., Campuzano, F., De Pablo, H., Neves, R.
An operational model for the West Iberian coast: Products and services
(2012) *Ocean Science*, 8 (4), pp. 713-732. Cited 22 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869789273&doi=10.5194%2fos-8-713-2012&partnerID=40&md5=b4a165c6cf9b8be8297e5036121eb18b>

DOI: 10.5194/os-8-713-2012
DOCUMENT TYPE: Review
SOURCE: Scopus

Wan, Z., She, J., Maar, M., Jonasson, L., Baasch-Larsen, J.
Assessment of a physical-biogeochemical coupled model system for operational service in the Baltic Sea
(2012) *Ocean Science*, 8 (4), pp. 683-701. Cited 13 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869808576&doi=10.5194%2fos-8-683-2012&partnerID=40&md5=29a1423094754bf08fc8f516e20f552b>

DOI: 10.5194/os-8-683-2012
DOCUMENT TYPE: Article
SOURCE: Scopus

Capet, A., Barth, A., Beckers, J.-M., Marilaure, G.
Interannual variability of Black Sea's hydrodynamics and connection to atmospheric patterns
(2012) *Deep-Sea Research Part II: Topical Studies in Oceanography*, 77-80, pp. 128-142. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865424874&doi=10.1016%2fj.dsr2.2012.04.010&partnerID=40&md5=87a3566766f5b58279ffa1c8244df046>

DOI: 10.1016/j.dsr2.2012.04.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Blauw, A.N., Benincà, E., Laane, R.W.P.M., Greenwood, N., Huisman, J.

Dancing with the Tides: Fluctuations of Coastal Phytoplankton Orchestrated by Different Oscillatory Modes of the Tidal Cycle

(2012) PLoS ONE, 7 (11), art. no. e49319, . Cited 14 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869122121&doi=10.1371%2fjournal.pone.0049319&partnerID=40&md5=efe4a78a3b5ac6d8a4d49d27c67112dc)

[84869122121&doi=10.1371%2fjournal.pone.0049319&partnerID=40&md5=efe4a78a3b5ac6d8a4d49d27c67112dc](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869122121&doi=10.1371%2fjournal.pone.0049319&partnerID=40&md5=efe4a78a3b5ac6d8a4d49d27c67112dc)

DOI: 10.1371/journal.pone.0049319

DOCUMENT TYPE: Article

SOURCE: Scopus

Groeskamp, S., Maas, L.R.M.

Ship-borne contour integration for flux determination

(2012) Journal of Sea Research, 74, pp. 26-34. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868302529&doi=10.1016%2fj.seares.2012.05.007&partnerID=40&md5=47551b05b24d0eaae8bfb453540cf496)

[84868302529&doi=10.1016%2fj.seares.2012.05.007&partnerID=40&md5=47551b05b24d0eaae8bfb453540cf496](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868302529&doi=10.1016%2fj.seares.2012.05.007&partnerID=40&md5=47551b05b24d0eaae8bfb453540cf496)

DOI: 10.1016/j.seares.2012.05.007

DOCUMENT TYPE: Article

SOURCE: Scopus

Wang, Z.B., Hoekstra, P., Burchard, H., Ridderinkhof, H., De Swart, H.E., Stive, M.J.F.

Morphodynamics of the Wadden Sea and its barrier island system

(2012) Ocean and Coastal Management, 68, pp. 39-57. Cited 24 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872601507&doi=10.1016%2fj.ocecoaman.2011.12.022&partnerID=40&md5=ae62bc428d6e594fe5269fa847d63828)

[84872601507&doi=10.1016%2fj.ocecoaman.2011.12.022&partnerID=40&md5=ae62bc428d6e594fe5269fa847d63828](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872601507&doi=10.1016%2fj.ocecoaman.2011.12.022&partnerID=40&md5=ae62bc428d6e594fe5269fa847d63828)

DOI: 10.1016/j.ocecoaman.2011.12.022

DOCUMENT TYPE: Article

SOURCE: Scopus

Elias, E.P.L., Van Der Spek, A.J.F., Wang, Z.B., De Ronde, J.

Morphodynamic development and sediment budget of the Dutch Wadden Sea over the last century

(2012) Geologie en Mijnbouw/Netherlands Journal of Geosciences, 91 (3), pp. 293-310. Cited 15 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870413695&partnerID=40&md5=4ec05a3158e0237eb1374487f6254839)

[84870413695&partnerID=40&md5=4ec05a3158e0237eb1374487f6254839](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870413695&partnerID=40&md5=4ec05a3158e0237eb1374487f6254839)

DOCUMENT TYPE: Article

SOURCE: Scopus

Van Beusekom, J.E.E., Buschbaum, C., Reise, K.

Wadden Sea tidal basins and the mediating role of the North Sea in ecological processes: Scaling up of management?

(2012) Ocean and Coastal Management, 68, pp. 69-78. Cited 10 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872653034&doi=10.1016%2fj.ocecoaman.2012.05.002&partnerID=40&md5=43dca7a64ba187160780a083158695a4)

[84872653034&doi=10.1016%2fj.ocecoaman.2012.05.002&partnerID=40&md5=43dca7a64ba187160780a083158695a4](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872653034&doi=10.1016%2fj.ocecoaman.2012.05.002&partnerID=40&md5=43dca7a64ba187160780a083158695a4)

DOI: 10.1016/j.ocecoaman.2012.05.002

DOCUMENT TYPE: Article

SOURCE: Scopus

de Swart, H.E., Volp, N.D.

Effects of hypsometry on the morphodynamic stability of single and multiple tidal inlet systems
(2012) Journal of Sea Research, 74, pp. 35-44. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868302099&doi=10.1016%2fj.seares.2012.05.008&partnerID=40&md5=ba5290be3da769982acdb79167aa3f95>

DOI: 10.1016/j.seares.2012.05.008

DOCUMENT TYPE: Article

SOURCE: Scopus

Giudici, A., Kalda, J., Soomere, T.
On the compressibility of surface currents in the Gulf of Finland, the Baltic Sea
(2012) Ocean: Past, Present and Future - 2012 IEEE/OES Baltic International Symposium, BALTIC 2012, art. no. 6249178, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867024567&doi=10.1109%2fBALTIC.2012.6249178&partnerID=40&md5=633ad9a6a8cabac48fa90020e09b4359>

DOI: 10.1109/BALTIC.2012.6249178

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Mosashvili, I., Obgadze, T., Prangishvili, A., Janelidze, D.
Dynamics of the oil spot in the black sea waters of Batumi
(2012) Research of New Trends in Informational Technologies, pp. 59-66.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84895323295&partnerID=40&md5=3a177911e73980e36d7070b78476c52c>

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

Flemming, B.W.
Siliciclastic back-barrier tidal flats
(2012) Principles of Tidal Sedimentology, 9789400701236, pp. 231-267. Cited 16 times.
https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868615777&doi=10.1007%2f978-94-007-0123-6_10&partnerID=40&md5=2989d7ad7d7a783206fcfb8bd61c7a9b

DOI: 10.1007/978-94-007-0123-6_10

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

Androulidakis, Y.S., Krestenitis, Y.N., Kourafalou, V.H.
Connectivity of North Aegean circulation to the Black Sea water budget
(2012) Continental Shelf Research, 48, pp. 8-26. Cited 8 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867857576&doi=10.1016%2fj.csr.2012.08.019&partnerID=40&md5=7291761010d386d7f75fc94bc9695c44>

DOI: 10.1016/j.csr.2012.08.019

DOCUMENT TYPE: Article

SOURCE: Scopus

Sperling, M., Giebel, H.-A., Rink, B., Grayek, S., Staneva, J., Stanev, E., Simon, M.
Differential effects of hydrographic and biogeochemical properties on the SAR11 clade and Roseobacter RCA cluster in the North Sea
(2012) Aquatic Microbial Ecology, 67 (1), pp. 25-34. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866017371&doi=10.3354%2fame01580&partnerID=40&md5=d9e442242d847855ff5fb6e4f37fc7a6>

DOI: 10.3354/ame01580

DOCUMENT TYPE: Article

SOURCE: Scopus

Fenoglio-Marc, L., Rietbroek, R., Grayek, S., Becker, M., Kusche, J., Stanev, E.

Water mass variation in the Mediterranean and Black Seas

(2012) *Journal of Geodynamics*, 59-60, pp. 168-182. Cited 19 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863834256&doi=10.1016%2fj.jog.2012.04.001&partnerID=40&md5=88c36418067612efcb97447caf13c82c)

[84863834256&doi=10.1016%2fj.jog.2012.04.001&partnerID=40&md5=88c36418067612efcb97447caf13c82c](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863834256&doi=10.1016%2fj.jog.2012.04.001&partnerID=40&md5=88c36418067612efcb97447caf13c82c)

DOI: 10.1016/j.jog.2012.04.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Cosoli, S., Bolzon, G., Mazzoldi, A.

A real-time and offline quality control methodology for seasonal high-frequency radar currents

(2012) *Journal of Atmospheric and Oceanic Technology*, 29 (9), pp. 1313-1328. Cited 8 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868271568&doi=10.1175%2fJTECH-D-11-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868271568&doi=10.1175%2fJTECH-D-11-00217.1&partnerID=40&md5=f5ddc84ce15bb6c5898d529b262211bf)

[00217.1&partnerID=40&md5=f5ddc84ce15bb6c5898d529b262211bf](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868271568&doi=10.1175%2fJTECH-D-11-00217.1&partnerID=40&md5=f5ddc84ce15bb6c5898d529b262211bf)

DOI: 10.1175/JTECH-D-11-00217.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Kontoyiannis, H., Papadopoulos, V., Kazmin, A., Zatsepin, A., Georgopoulos, D.

Climatic variability of the sub-surface sea temperatures in the Aegean-Black Sea system and relation to meteorological forcing

(2012) *Climate Dynamics*, 39 (6), pp. 1507-1525. Cited 4 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866434390&doi=10.1007%2fs00382-012-1370-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866434390&doi=10.1007%2fs00382-012-1370-8&partnerID=40&md5=7880b6c55dbd649ec37f6c1a78776138)

[8&partnerID=40&md5=7880b6c55dbd649ec37f6c1a78776138](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866434390&doi=10.1007%2fs00382-012-1370-8&partnerID=40&md5=7880b6c55dbd649ec37f6c1a78776138)

DOI: 10.1007/s00382-012-1370-8

DOCUMENT TYPE: Article

SOURCE: Scopus

Grifoll, M., Jordà, G., Sotillo, M.G., Ferrer, L., Espino, M., Sánchez-Arcilla, A., Álvarez-Fanjul, E.

Water circulation forecasting in Spanish harbours [Predicción de la circulación marina en los puertos Españoles] (2012) *Scientia Marina*, 76 (SUPPL.1), pp. 45-61. Cited 4 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865318258&doi=10.3989%2fscimar.03606.18B&partnerID=40&md5=c9d78226c39daaa05db0c12969b1d381)

[84865318258&doi=10.3989%2fscimar.03606.18B&partnerID=40&md5=c9d78226c39daaa05db0c12969b1d381](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865318258&doi=10.3989%2fscimar.03606.18B&partnerID=40&md5=c9d78226c39daaa05db0c12969b1d381)

DOI: 10.3989/scimar.03606.18B

DOCUMENT TYPE: Article

SOURCE: Scopus

Altıok, H., Sur, H.I., Yüce, H.

Variation of the cold intermediate water in the Black Sea exit of the Strait of Istanbul (Bosphorus) and its transfer through the strait

(2012) *Oceanologia*, 54 (2), pp. 233-254. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862495652&doi=10.5697%2foc.54-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862495652&doi=10.5697%2foc.54-2.233&partnerID=40&md5=40c1a8263db3f63c6bd042b839f1ddd6)

[2.233&partnerID=40&md5=40c1a8263db3f63c6bd042b839f1ddd6](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862495652&doi=10.5697%2foc.54-2.233&partnerID=40&md5=40c1a8263db3f63c6bd042b839f1ddd6)

DOI: 10.5697/oc.54-2.233

DOCUMENT TYPE: Article

SOURCE: Scopus

Özkan, E.Y., Büyükişik, H.B.

Recent changes in the physicochemical parameters of the Black Sea

(2012) *Turkish Journal of Engineering and Environmental Sciences*, 36 (2), pp. 153-160.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862274232&doi=10.3906%2fmuh-1107-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862274232&doi=10.3906%2fmuh-1107-3&partnerID=40&md5=c5c1848c8d5eba223d7c9e79cd406664)

[3&partnerID=40&md5=c5c1848c8d5eba223d7c9e79cd406664](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862274232&doi=10.3906%2fmuh-1107-3&partnerID=40&md5=c5c1848c8d5eba223d7c9e79cd406664)

DOI: 10.3906/muh-1107-3
DOCUMENT TYPE: Article
SOURCE: Scopus

He, Y., Stanev, E.V., Yakushev, E., Staneva, J.
Black Sea biogeochemistry: Response to decadal atmospheric variability during 1960-2000 inferred from numerical modeling
(2012) Marine Environmental Research, 77, pp. 90-102. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862812516&doi=10.1016%2fj.marenvres.2012.02.007&partnerID=40&md5=e30bf111fd6b7a20caf095ef2a5addc3>

DOI: 10.1016/j.marenvres.2012.02.007
DOCUMENT TYPE: Article
SOURCE: Scopus

Oaie, G., Melinte-Dobrinescu, M.C.
Holocene litho- and biostratigraphy of the NW Black Sea (Romanian shelf)
(2012) Quaternary International, 261, pp. 146-155. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860527411&doi=10.1016%2fj.quaint.2009.12.014&partnerID=40&md5=ff36d6119dd456cdcafb562e957a43d6>

DOI: 10.1016/j.quaint.2009.12.014
DOCUMENT TYPE: Article
SOURCE: Scopus

Esen, E., Sayin, E., Uslu, O., Eronat, C.
Modeling wastewater discharge at the planning stage of a marine outfall system
(2012) Environmental Monitoring and Assessment, 184 (5), pp. 3165-3184. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862870738&doi=10.1007%2fs10661-011-2180-x&partnerID=40&md5=fc3d34ba6476fb5fd19c8e3f4a6d3f50>

DOI: 10.1007/s10661-011-2180-x
DOCUMENT TYPE: Article
SOURCE: Scopus

Stanev, E.V., Kandilarov, R.
Sediment dynamics in the Black Sea: Numerical modelling and remote sensing observations
(2012) Ocean Dynamics, 62 (4), pp. 533-553. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861024853&doi=10.1007%2fs10236-012-0520-1&partnerID=40&md5=59105fba3e1d25df1fae766a52c370db>

DOI: 10.1007/s10236-012-0520-1
DOCUMENT TYPE: Article
SOURCE: Scopus

Asmus, H., Asmus, R.
Material Exchange Processes between Sediment and Water in Coastal Ecosystems and Their Modeling
(2012) Treatise on Estuarine and Coastal Science, 9, pp. 355-382.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961161697&doi=10.1016%2fB978-0-12-374711-2.00915-3&partnerID=40&md5=158af34ff8c839af1ac327bc674bcadd>

DOI: 10.1016/B978-0-12-374711-2.00915-3
DOCUMENT TYPE: Book Chapter
SOURCE: Scopus

Walsh, J.J., Lenes, J.M., Darrow, B.P., Chen, F.R.
Forecasting and Modeling of Harmful Algal Blooms in the Coastal Zone: A Prospectus

(2012) *Treatise on Estuarine and Coastal Science*, 9, pp. 217-330.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961178048&doi=10.1016%2fB978-0-12-374711-2.00912-8&partnerID=40&md5=fb3dad08d81b394f581aa65f21592fc5>

DOI: 10.1016/B978-0-12-374711-2.00912-8

DOCUMENT TYPE: Book Chapter

SOURCE: Scopus

Urzúa, A., Paschke, K., Gebauer, P., Anger, K.
Seasonal and interannual variations in size, biomass and chemical composition of the eggs of North Sea shrimp, *Crangon crangon* (Decapoda: Caridea)
(2012) *Marine Biology*, 159 (3), pp. 583-599. Cited 15 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857458715&doi=10.1007%2fs00227-011-1837-x&partnerID=40&md5=21bec349df243e6912f4d9512bd73a0a>

DOI: 10.1007/s00227-011-1837-x

DOCUMENT TYPE: Article

SOURCE: Scopus

Yu, Q., Wang, Y.P., Flemming, B., Gao, S.
Tide-induced suspended sediment transport: Depth-averaged concentrations and horizontal residual fluxes
(2012) *Continental Shelf Research*, 34, pp. 53-63. Cited 13 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855526328&doi=10.1016%2fj.csr.2011.11.015&partnerID=40&md5=41b23eb2eb99aae6857a1561c73fbabd>

DOI: 10.1016/j.csr.2011.11.015

DOCUMENT TYPE: Article

SOURCE: Scopus

Bárcena, J.F., García, A., García, J., Álvarez, C., Revilla, J.A.
Surface analysis of free surface and velocity to changes in river flow and tidal amplitude on a shallow mesotidal estuary: An application in Suances Estuary (Northern Spain)
(2012) *Journal of Hydrology*, 420-421, pp. 301-318. Cited 16 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856212053&doi=10.1016%2fj.jhydrol.2011.12.021&partnerID=40&md5=8193aae36b4acac4c82cc5bb94ba2aeb>

DOI: 10.1016/j.jhydrol.2011.12.021

DOCUMENT TYPE: Article

SOURCE: Scopus

Cosme, E., Verron, J., Brasseur, P., Blum, J., Auroux, D.
Smoothing problems in a Bayesian framework and their linear Gaussian solutions
(2012) *Monthly Weather Review*, 140 (2), pp. 683-695. Cited 13 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857077730&doi=10.1175%2fMWR-D-10-05025.1&partnerID=40&md5=7f06b27e15b34ce1189667c6074f8e86>

DOI: 10.1175/MWR-D-10-05025.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Cosoli, S., Gačić, M., Mazzoldi, A.
Surface current variability and wind influence in the northeastern Adriatic Sea as observed from high-frequency (HF) radar measurements
(2012) *Continental Shelf Research*, 33, pp. 1-13. Cited 22 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855252302&doi=10.1016%2fj.csr.2011.11.008&partnerID=40&md5=08fecf12ac96d7adc15c7a632fe6d816>

DOI: 10.1016/j.csr.2011.11.008

DOCUMENT TYPE: Review

SOURCE: Scopus

Yang, J.

Comparison of two different methods for transport time scales calculation applying to a realistic case
(2012) 6th Chinese-German Joint Symposium on Hydraulic and Ocean Engineering, CGJOINT 2012, pp. 539-548.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922987883&partnerID=40&md5=0cb13924ace32cf6a12aec838783e48e>

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Hopkins, J., Polton, J.A.

Scales and structure of frontal adjustment and freshwater export in a region of freshwater influence
(2012) Ocean Dynamics, 62 (1), pp. 45-62. Cited 7 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861098917&doi=10.1007%2fs10236-011-0475-7&partnerID=40&md5=d6c1a3fced026e64cfe05a6d273553e4>

DOI: 10.1007/s10236-011-0475-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Behrens, E., Schwarzkopf, F.U., Lübbecke, J.F., Böning, C.W.

Model simulations on the long-term dispersal of 137Cs released into the Pacific Ocean off Fukushima
(2012) Environmental Research Letters, 7 (3), art. no. 034004, . Cited 38 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864413371&doi=10.1088%2f1748-9326%2f7%2f3%2f034004&partnerID=40&md5=5aae3fb78541a71a36a2391a4fdf050a>

DOI: 10.1088/1748-9326/7/3/034004

DOCUMENT TYPE: Article

SOURCE: Scopus

Neil, C., Cunningham, A., McKee, D.

Relationships between suspended mineral concentrations and red-waveband reflectances in moderately turbid shelf seas

(2011) Remote Sensing of Environment, 115 (12), pp. 3719-3730. Cited 16 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-81355160423&doi=10.1016%2fj.rse.2011.09.010&partnerID=40&md5=e015a3e2fbc72f751b1e6f9508a7f048>

DOI: 10.1016/j.rse.2011.09.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Schulz-Stellenfleth, J., Staneva, J., Grayek, S., Seemann, J., Petersen, W.

Coastal observing and forecasting system for the German bight-estimates of hydrophysical states
(2011) Ocean Science, 7 (5), pp. 569-583. Cited 23 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867333633&doi=10.5194%2fos-7-569-2011&partnerID=40&md5=69a83a2817b1782afebbb51ddafc5e97>

DOI: 10.5194/os-7-569-2011

DOCUMENT TYPE: Article

SOURCE: Scopus

Nicholas, W.A., Chivas, A.R., Murray-Wallace, C.V., Fink, D.

Prompt transgression and gradual salinisation of the Black Sea during the early Holocene constrained by amino acid racemization and radiocarbon dating

(2011) Quaternary Science Reviews, 30 (27-28), pp. 3769-3790. Cited 14 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-82355175063&doi=10.1016%2fj.quascirev.2011.09.018&partnerID=40&md5=5f7a3c65af397779b5aa66680340fa2b>

DOI: 10.1016/j.quascirev.2011.09.018

DOCUMENT TYPE: Article

SOURCE: Scopus

Nash, S., Hartnett, M.

A performance assessment protocol for structured mesh multi-scale models

(2011) Proceedings of the 13th International Conference on Civil, Structural and Environmental Engineering Computing, 13 p.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858427875&partnerID=40&md5=9556cc7b1b8d6ec290ed5a92271cef58)

[84858427875&partnerID=40&md5=9556cc7b1b8d6ec290ed5a92271cef58](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858427875&partnerID=40&md5=9556cc7b1b8d6ec290ed5a92271cef58)

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Nash, S., Hartnett, M.

Adaptive mesh multi-scale modelling of tidal hydraulics and material transport

(2011) Proceedings of the 13th International Conference on Civil, Structural and Environmental Engineering Computing, 14 p.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858379445&partnerID=40&md5=8cb8b42241992abfa96db76ae055e25b)

[84858379445&partnerID=40&md5=8cb8b42241992abfa96db76ae055e25b](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858379445&partnerID=40&md5=8cb8b42241992abfa96db76ae055e25b)

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Ponsar, S., Luyten, P., Ozer, J.

Combined model state and parameter estimation with an ensemble Kalman filter in a North Sea station 1-D numerical model

(2011) Ocean Dynamics, 61 (11), pp. 1869-1886. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155130859&doi=10.1007%2fs10236-011-0477-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155130859&doi=10.1007%2fs10236-011-0477-5&partnerID=40&md5=e16ba3af56ab8552c50fa2391ba93249)

[5&partnerID=40&md5=e16ba3af56ab8552c50fa2391ba93249](https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155130859&doi=10.1007%2fs10236-011-0477-5&partnerID=40&md5=e16ba3af56ab8552c50fa2391ba93249)

DOI: 10.1007/s10236-011-0477-5

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Marmain, J., Forget, P., Molcard, A.

Characterization of ocean surface current properties from single site HF/VHF radar

(2011) Ocean Dynamics, 61 (11), pp. 1967-1979. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155150253&doi=10.1007%2fs10236-011-0461-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155150253&doi=10.1007%2fs10236-011-0461-0&partnerID=40&md5=3b1cc169c289103f22f837835f3fc874)

[0&partnerID=40&md5=3b1cc169c289103f22f837835f3fc874](https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155150253&doi=10.1007%2fs10236-011-0461-0&partnerID=40&md5=3b1cc169c289103f22f837835f3fc874)

DOI: 10.1007/s10236-011-0461-0

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Zhao, H., Chen, Q., Walker, N.D., Zheng, Q., Macintyre, H.L.

A study of sediment transport in a shallow estuary using MODIS imagery and particle tracking simulation

(2011) International Journal of Remote Sensing, 32 (21), pp. 6653-6671. Cited 9 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-82055181924&doi=10.1080%2f01431161.2010.512938&partnerID=40&md5=67463e211f5cdd5be2a05de981b51ef5)

[82055181924&doi=10.1080%2f01431161.2010.512938&partnerID=40&md5=67463e211f5cdd5be2a05de981b51ef5](https://www.scopus.com/inward/record.uri?eid=2-s2.0-82055181924&doi=10.1080%2f01431161.2010.512938&partnerID=40&md5=67463e211f5cdd5be2a05de981b51ef5)

DOI: 10.1080/01431161.2010.512938

DOCUMENT TYPE: Article

SOURCE: Scopus

Flöser, G., Burchard, H., Riethmüller, R.

Observational evidence for estuarine circulation in the German Wadden Sea

(2011) Continental Shelf Research, 31 (16), pp. 1633-1639. Cited 15 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052865139&doi=10.1016%2fj.csr.2011.03.014&partnerID=40&md5=cc0cd736f31700e00ee3b893b3e0bffb>

DOI: 10.1016/j.csr.2011.03.014

DOCUMENT TYPE: Article

SOURCE: Scopus

Xie, J., Counillon, F., Zhu, J., Bertino, L.

An eddy resolving tidal-driven model of the South China Sea assimilating along-track SLA data using the EnOI (2011) *Ocean Science*, 7 (5), pp. 609-627. Cited 16 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053630759&doi=10.5194%2fos-7-609-2011&partnerID=40&md5=1b23a1d0e1593586e529fab85cceaee6>

DOI: 10.5194/os-7-609-2011

DOCUMENT TYPE: Article

SOURCE: Scopus

Shapiro, G.I., Wobus, F., Aleynik, D.L.

Seasonal and inter-annual temperature variability in the bottom waters over the western Black Sea shelf (2011) *Ocean Science*, 7 (5), pp. 585-596. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053274496&doi=10.5194%2fos-7-585-2011&partnerID=40&md5=eb052f476d546e93a230a704209c007c>

DOI: 10.5194/os-7-585-2011

DOCUMENT TYPE: Article

SOURCE: Scopus

Delhez, É.J.M., Barth, A.

Science based management of coastal waters

(2011) *Journal of Marine Systems*, 88 (1), pp. 1-2. Cited 7 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959276558&doi=10.1016%2fj.jmarsys.2011.02.007&partnerID=40&md5=5cd509268ab01be70032a7ee0a26fa1f>

DOI: 10.1016/j.jmarsys.2011.02.007

DOCUMENT TYPE: Editorial

SOURCE: Scopus

Grayek, S., Staneva, J., Schulz-Stellenfleth, J., Petersen, W., Stanev, E.V.

Use of FerryBox surface temperature and salinity measurements to improve model based state estimates for the German Bight

(2011) *Journal of Marine Systems*, 88 (1), pp. 45-59. Cited 13 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955054547&doi=10.1016%2fj.jmarsys.2011.02.020&partnerID=40&md5=c646d3cd751c2a2d0fa5b1c7ac565105>

DOI: 10.1016/j.jmarsys.2011.02.020

DOCUMENT TYPE: Article

SOURCE: Scopus

Port, A., Gurgel, K.-W., Staneva, J., Schulz-Stellenfleth, J., Stanev, E.V.

Tidal and wind-driven surface currents in the German Bight: HFR observations versus model simulations (2011) *Ocean Dynamics*, 61 (10), pp. 1567-1585. Cited 11 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955053473&doi=10.1007%2fs10236-011-0412-9&partnerID=40&md5=3560b25b063eaec041b32f02eb9b343f>

DOI: 10.1007/s10236-011-0412-9

DOCUMENT TYPE: Article

SOURCE: Scopus

Piper, D.Z., Calvert, S.E.
Holocene and late glacial palaeoceanography and palaeolimnology of the Black Sea: Changing sediment provenance and basin hydrography over the past 20,000 years
(2011) *Geochimica et Cosmochimica Acta*, 75 (19), pp. 5597-5624. Cited 12 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052301933&doi=10.1016%2fj.gca.2011.07.016&partnerID=40&md5=4d63057fc18ac5ef14629bf11324e85a>

DOI: 10.1016/j.gca.2011.07.016

DOCUMENT TYPE: Article

SOURCE: Scopus

Hu, Z.Y., Petrenko, A.A., Doglioli, A.M., Dekeyser, I.
Study of a mesoscale anticyclonic eddy in the western part of the Gulf of Lion
(2011) *Journal of Marine Systems*, 88 (1), pp. 3-11. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959270681&doi=10.1016%2fj.jmarsys.2011.02.008&partnerID=40&md5=35d7e218c440451a8c35a08865c85076>

DOI: 10.1016/j.jmarsys.2011.02.008

DOCUMENT TYPE: Article

SOURCE: Scopus

Petersen, W., Schroeder, F., Bockelmann, F.-D.
FerryBox - Application of continuous water quality observations along transects in the North Sea
(2011) *Ocean Dynamics*, 61 (10), pp. 1541-1554. Cited 16 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155152702&doi=10.1007%2fs10236-011-0445-0&partnerID=40&md5=a0266310bece770c2f70deff4a4d1e30>

DOI: 10.1007/s10236-011-0445-0

DOCUMENT TYPE: Article

SOURCE: Scopus

Alvera-Azcárate, A., Poulain, P.-M.
Multiparametric observation and analysis of the sea
(2011) *Ocean Dynamics*, 61 (10), pp. 1491-1493.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-81155148207&doi=10.1007%2fs10236-011-0492-6&partnerID=40&md5=700c3ae506f2dd59ceabec4cb421a6b1>

DOI: 10.1007/s10236-011-0492-6

DOCUMENT TYPE: Editorial

SOURCE: Scopus

Becherer, J., Burchard, H., Flöser, G., Mohrholz, V., Umlauf, L.
Evidence of tidal straining in well-mixed channel flow from micro-structure observations
(2011) *Geophysical Research Letters*, 38 (17), art. no. L17611, . Cited 17 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052998411&doi=10.1029%2f2011GL049005&partnerID=40&md5=bad209fd8be75c858cf0d06ce5b0cb46>

DOI: 10.1029/2011GL049005

DOCUMENT TYPE: Article

SOURCE: Scopus

Masquelier, S., Foulon, E., Jouenne, F., Ferréol, M., Brussaard, C.P.D., Vaultot, D.
Distribution of eukaryotic plankton in the English Channel and the North Sea in summer
(2011) *Journal of Sea Research*, 66 (2), pp. 111-122. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-80051679797&doi=10.1016%2fj.seares.2011.05.004&partnerID=40&md5=2bd04409f67e3be28e597db2f58171ac>

DOI: 10.1016/j.seares.2011.05.004

DOCUMENT TYPE: Article
SOURCE: Scopus

Nechad, B., Alvera-Azcarate, A., Ruddick, K., Greenwood, N.
Reconstruction of MODIS total suspended matter time series maps by DINEOF and validation with autonomous platform data
(2011) *Ocean Dynamics*, 61 (8), pp. 1205-1214. Cited 15 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-81255141768&doi=10.1007%2fs10236-011-0425-4&partnerID=40&md5=4e79e316fcb8392d28e4d12bade13a78>

DOI: 10.1007/s10236-011-0425-4
DOCUMENT TYPE: Article
SOURCE: Scopus

Tian, T., Su, J., Flöser, G., Wiltshire, K., Wirtz, K.
Factors controlling the onset of spring blooms in the German Bight 2002-2005: Light, wind and stratification
(2011) *Continental Shelf Research*, 31 (10), pp. 1140-1148. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957554765&doi=10.1016%2fj.csr.2011.04.008&partnerID=40&md5=e203e95b00f9acb02f97ffcaaafa5e91>

DOI: 10.1016/j.csr.2011.04.008
DOCUMENT TYPE: Article
SOURCE: Scopus

Amoudry, L.O., Souza, A.J.
Deterministic coastal morphological and sediment transport modeling: A review and discussion
(2011) *Reviews of Geophysics*, 49 (2), art. no. RG2002, . Cited 32 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79958853271&doi=10.1029%2f2010RG000341&partnerID=40&md5=1695fdbbcb25e7c0420a8bfe77e83465>

DOI: 10.1029/2010RG000341
DOCUMENT TYPE: Article
SOURCE: Scopus

Walsh, J.J., Tomas, C.R., Steidinger, K.A., Lenes, J.M., Chen, F.R., Weisberg, R.H., Zheng, L., Landsberg, J.H., Vargo, G.A., Heil, C.A.
Imprudent fishing harvests and consequent trophic cascades on the West Florida shelf over the last half century: A harbinger of increased human deaths from paralytic shellfish poisoning along the southeastern United States, in response to oligotrophication?
(2011) *Continental Shelf Research*, 31 (9), pp. 891-911. Cited 8 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955742847&doi=10.1016%2fj.csr.2011.02.007&partnerID=40&md5=dca8e21d4cd003a7195a8182bb04aced>

DOI: 10.1016/j.csr.2011.02.007
DOCUMENT TYPE: Article
SOURCE: Scopus

Amoudry, L.O., Souza, A.J.
Impact of sediment-induced stratification and turbulence closures on sediment transport and morphological modelling
(2011) *Continental Shelf Research*, 31 (9), pp. 912-928. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955733271&doi=10.1016%2fj.csr.2011.02.014&partnerID=40&md5=053adf89fba67cbeede4af88349f2f66>

DOI: 10.1016/j.csr.2011.02.014
DOCUMENT TYPE: Article
SOURCE: Scopus

Voulgaris, G., Kumar, N., Gurgel, K.-W., Warner, J.C., List, J.H.
2-D inner-shelf current observations from a single VHF Wellen RADar (WERA) station

(2011) 2011 IEEE/OES/CWTM 10th Working Conference on Current, Waves and Turbulence Measurement, CWTM 2011, pp. 57-65.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956342913&doi=10.1109%2fCWTM.2011.5759525&partnerID=40&md5=7c6bd62be1fda1c08e96063826e865aa>

DOI: 10.1109/CWTM.2011.5759525
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Rink, B., Grüner, N., Brinkhoff, T., Ziegelmüller, K., Simon, M.
Regional patterns of bacterial community composition and biogeochemical properties in the southern North Sea
(2011) *Aquatic Microbial Ecology*, 63 (3), pp. 207-222. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956293297&doi=10.3354%2fame01493&partnerID=40&md5=bd526966b586aa567a59d003952cbfbc>

DOI: 10.3354/ame01493
DOCUMENT TYPE: Article
SOURCE: Scopus

Maar, M., Møller, E.F., Larsen, J., Madsen, K.S., Wan, Z., She, J., Jonasson, L., Neumann, T.
Ecosystem modelling across a salinity gradient from the North Sea to the Baltic Sea
(2011) *Ecological Modelling*, 222 (10), pp. 1696-1711. Cited 33 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79954634262&doi=10.1016%2fj.ecolmodel.2011.03.006&partnerID=40&md5=1cd1637d663f86537d73e7ee4a23648d>

DOI: 10.1016/j.ecolmodel.2011.03.006
DOCUMENT TYPE: Article
SOURCE: Scopus

Demyshev, S.G.
Prognostic numerical analysis of currents in the black sea with high horizontal resolution
(2011) *Physical Oceanography*, 21 (1), pp. 33-44. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052030977&doi=10.1007%2fs11110-011-9102-x&partnerID=40&md5=ad7e74308b2528466557127ebe5e8983>

DOI: 10.1007/s11110-011-9102-x
DOCUMENT TYPE: Article
SOURCE: Scopus

Barth, A., Alvera-Azcárate, A., Beckers, J.-M., Staneva, J., Stanev, E.V., Schulz-Stellenfleth, J.
Correcting surface winds by assimilating high-frequency radar surface currents in the German Bight
(2011) *Ocean Dynamics*, 61 (5), pp. 599-610. Cited 17 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79957894698&doi=10.1007%2fs10236-010-0369-0&partnerID=40&md5=44dd6b3d8841199384fdc86bada4e592>

DOI: 10.1007/s10236-010-0369-0
DOCUMENT TYPE: Article
SOURCE: Scopus

McGinty, N., Power, A.M., Johnson, M.P.
Variation among northeast Atlantic regions in the responses of zooplankton to climate change: Not all areas follow the same path
(2011) *Journal of Experimental Marine Biology and Ecology*, 400 (1-2), pp. 120-131. Cited 17 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955124262&doi=10.1016%2fj.jembe.2011.02.013&partnerID=40&md5=c9d3204489ddd7428f1d5787154898e8>

DOI: 10.1016/j.jembe.2011.02.013

DOCUMENT TYPE: Article
SOURCE: Scopus

Son, C.S., Flemming, B.W., Bartholomä, A.
Evidence for sediment recirculation on an ebb-tidal delta of the East Frisian barrier-island system, southern North Sea
(2011) *Geo-Marine Letters*, 31 (2), pp. 87-100. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79954416678&doi=10.1007%2fs00367-010-0217-8&partnerID=40&md5=f143754dc879fd15c0eed2339cd417db>

DOI: 10.1007/s00367-010-0217-8
DOCUMENT TYPE: Article
SOURCE: Scopus

Hommersom, A., Wernand, M.R., Peters, S., Eleveld, M.A., Van Der Woerd, H.J., De Boer, J.
Spectra of a shallow sea-unmixing for class identification and monitoring of coastal waters
(2011) *Ocean Dynamics*, 61 (4), pp. 463-480. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955919373&doi=10.1007%2fs10236-010-0373-4&partnerID=40&md5=8565f9957883d338afbaaa913db40392>

DOI: 10.1007/s10236-010-0373-4
DOCUMENT TYPE: Article
SOURCE: Scopus

Joassin, P., Delille, B., Soetaert, K., Harlay, J., Borges, A.V., Chou, L., Riebesell, U., Suykens, K., Grégoire, M.
Carbon and nitrogen flows during a bloom of the coccolithophore *Emiliana huxleyi*: Modelling a mesocosm experiment
(2011) *Journal of Marine Systems*, 85 (3-4), pp. 71-85. Cited 8 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951676887&doi=10.1016%2fj.jmarsys.2010.11.007&partnerID=40&md5=5571318aedd19f7d56a8fbb46fe38a90>

DOI: 10.1016/j.jmarsys.2010.11.007
DOCUMENT TYPE: Article
SOURCE: Scopus

Thiel, M., Hinojosa, I.A., Joschko, T., Gutow, L.
Spatio-temporal distribution of floating objects in the German Bight (North Sea)
(2011) *Journal of Sea Research*, 65 (3), pp. 368-379. Cited 22 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79954420059&doi=10.1016%2fj.seares.2011.03.002&partnerID=40&md5=19cff6fe44db41d1d5780085950f240e>

DOI: 10.1016/j.seares.2011.03.002
DOCUMENT TYPE: Article
SOURCE: Scopus

Sanchez-Cabeza, J.A., Levy, I., Gastaud, J., Eriksson, M., Osvath, I., Aoyama, M., Povinec, P.P., Komura, K.
Transport of North Pacific ¹³⁷Cs labeled waters to the south-eastern Atlantic Ocean
(2011) *Progress in Oceanography*, 89 (1-4), pp. 31-37. Cited 15 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79954827809&doi=10.1016%2fj.pocean.2010.12.005&partnerID=40&md5=e6fa8d1424008ad09028f5d872d4267f>

DOI: 10.1016/j.pocean.2010.12.005
DOCUMENT TYPE: Article
SOURCE: Scopus

van der Woerd, H.J., Blauw, A., Peperzak, L., Pasterkamp, R., Peters, S.
Analysis of the spatial evolution of the 2003 algal bloom in the Voordelta (North Sea)

(2011) Journal of Sea Research, 65 (2), pp. 195-204. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951946368&doi=10.1016%2fj.seares.2010.09.007&partnerID=40&md5=071d3b3a8f11437cf804931f528056d8>

DOI: 10.1016/j.seares.2010.09.007
DOCUMENT TYPE: Article
SOURCE: Scopus

Yildiz, H., Andersen, O.B., Simav, M., Kilicoglu, A., Lenk, O.
Black sea annual and inter-annual water mass variations from space
(2011) Journal of Geodesy, 85 (2), pp. 119-127. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79251557843&doi=10.1007%2fs00190-010-0421-3&partnerID=40&md5=77831ca1649a53819fc5e3a6a51d6ff7>

DOI: 10.1007/s00190-010-0421-3
DOCUMENT TYPE: Article
SOURCE: Scopus

Schiller, R.V., Kourafalou, V.H., Hogan, P., Walker, N.D.
The dynamics of the Mississippi River plume: Impact of topography, wind and offshore forcing on the fate of plume waters
(2011) Journal of Geophysical Research: Oceans, 116 (6), art. no. C06029, . Cited 57 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960107437&doi=10.1029%2f2010JC006883&partnerID=40&md5=1bea394794ce085f43965f8c9e44bebd>

DOI: 10.1029/2010JC006883
DOCUMENT TYPE: Article
SOURCE: Scopus

Shen, Y., Wang, J., Zheng, B., Zhen, H., Feng, Y., Wang, Z., Yang, X.
Modeling study of residence time and water age in Dahuofang Reservoir in China
(2011) Science China: Physics, Mechanics and Astronomy, 54 (1), pp. 127-142. Cited 18 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79251629164&doi=10.1007%2fs11433-010-4207-7&partnerID=40&md5=16dc27734f78c4ebd9d5b53db5bf3fc5>

DOI: 10.1007/s11433-010-4207-7
DOCUMENT TYPE: Article
SOURCE: Scopus

Kusch, S., Rethemeyer, J., Schefuß, E., Mollenhauer, G.
Controls on the age of vascular plant biomarkers in Black Sea sediments
(2010) Geochimica et Cosmochimica Acta, 74 (24), pp. 7031-7047. Cited 33 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955936923&doi=10.1016%2fj.gca.2010.09.005&partnerID=40&md5=01566efe6188a4f02cc0afb876d7af91>

DOI: 10.1016/j.gca.2010.09.005
DOCUMENT TYPE: Article
SOURCE: Scopus

Shapiro, G.I.
Black Sea Circulation
(2010) Encyclopedia of Ocean Sciences, pp. 401-414.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84884437159&doi=10.1016%2fB978-012374473-9.00600-7&partnerID=40&md5=38a8aa3f9da889b9f87fb1e51b738b8b>

DOI: 10.1016/B978-012374473-9.00600-7
DOCUMENT TYPE: Book Chapter
SOURCE: Scopus

Nash, S., Hartnett, M.

Nested circulation modelling of inter-tidal zones: Details of a nesting approach incorporating moving boundaries (2010) *Ocean Dynamics*, 60 (6), pp. 1479-1495. Cited 6 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-83655182375&doi=10.1007%2fs10236-010-0345-8&partnerID=40&md5=eafad30fb47bcd60f87915c0ebadba>

DOI: 10.1007/s10236-010-0345-8

DOCUMENT TYPE: Article

SOURCE: Scopus

Nechad, B., Ruddick, K.

A model of diffuse attenuation of downwelling irradiance for ecosystem models

(2010) *Proceedings of SPIE - The International Society for Optical Engineering*, 7858, art. no. 78580D, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-78651107665&doi=10.1117%2f12.872979&partnerID=40&md5=3a0b5cafb8f859d158bf48b53e706561>

DOI: 10.1117/12.872979

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Zhang, J.-L., Zheng, B.-H., Liu, L.-S., Wang, L.-P., Huang, M.-S., Wu, G.-Y.

Seasonal variation of phytoplankton in the DaNing River and its relationships with environmental factors after impounding of the Three Gorges Reservoir: A four-year study

(2010) *Procedia Environmental Sciences*, 2, pp. 1479-1490. Cited 19 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951797610&doi=10.1016%2fj.proenv.2010.10.161&partnerID=40&md5=11d7dec6a5919a0d2a36a2854aebc39>

DOI: 10.1016/j.proenv.2010.10.161

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Vandenbulcke, L., Capet, A., Beckers, J.-M., Grégoire, M., Besiktepe, S.

Onboard implementation of the GHER model for the Black Sea, with SST and CTD data assimilation

(2010) *Journal of Operational Oceanography*, 3 (2), pp. 47-55. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79956294922&partnerID=40&md5=b786a4e1b436eed297ec07d13e522e8a>

DOCUMENT TYPE: Article

SOURCE: Scopus

Barth, A., Alvera-Azcárate, A., Gurgel, K.-W., Staneva, J., Port, A., Beckers, J.-M., Stanev, E.V.

Ensemble perturbation smoother for optimizing tidal boundary conditions by assimilation of High-Frequency radar surface currents - Application to the German Bight

(2010) *Ocean Science*, 6 (1), pp. 161-178. Cited 30 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952957456&partnerID=40&md5=696e9e5eb289f26450e4ff5aba6f7ae0>

DOCUMENT TYPE: Article

SOURCE: Scopus

Shi, J., Shi, K.

Optical research of water in Eco City

(2010) *3rd International Conference on Next Generation Infrastructure Systems for Eco-Cities, INFRA 2010 - Conference Proceedings*, art. no. 5679239, .

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-79251539919&doi=10.1109%2fINFRA.2010.5679239&partnerID=40&md5=756141c3db61c3b81590f89ac2bad24>

DOI: 10.1109/INFRA.2010.5679239

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Romanou, A., Tselioudis, G., Zerefos, C.S., Clayson, C.-A., Curry, J.A., Andersson, A.
Evaporation-precipitation variability over the mediterranean and the black seas from satellite and reanalysis estimates
(2010) Journal of Climate, 23 (19), pp. 5268-5287. Cited 41 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77958097044&doi=10.1175%2f2010JCLI3525.1&partnerID=40&md5=04d90ac022990ed94a9334f9df2b0084>

DOI: 10.1175/2010JCLI3525.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Grégoire, M., Soetaert, K.
Carbon, nitrogen, oxygen and sulfide budgets in the Black Sea: A biogeochemical model of the whole water column coupling the oxic and anoxic parts
(2010) Ecological Modelling, 221 (19), pp. 2287-2301. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955845987&doi=10.1016%2fj.ecolmodel.2010.06.007&partnerID=40&md5=1666914dc53eb953b8c1c35d7e86b1b7>

DOI: 10.1016/j.ecolmodel.2010.06.007

DOCUMENT TYPE: Article

SOURCE: Scopus

Van Haren, H.
Very near-bottom tidal straining in a sea strait
(2010) Geophysical Research Letters, 37 (16), art. no. L16603, . Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956193977&doi=10.1029%2f2010GL044186&partnerID=40&md5=ba360d90eb6910e4927f87dc3aff202b>

DOI: 10.1029/2010GL044186

DOCUMENT TYPE: Article

SOURCE: Scopus

Kazmin, A.S., Zatsepin, A.G., Kontoyiannis, H.
Comparative analysis of the long-term variability of winter surface temperature in the Black and Aegean seas during 1982-2004 associated with the large-scale atmospheric forcing
(2010) International Journal of Climatology, 30 (9), pp. 1349-1359. Cited 9 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954850007&doi=10.1002%2fjoc.1985&partnerID=40&md5=f011848e89227836fae7fa64d6cc30ba>

DOI: 10.1002/joc.1985

DOCUMENT TYPE: Article

SOURCE: Scopus

Eichinger, M., Sempéré, R., Grégori, G., Charrière, B., Poggiale, J.C., Lefèvre, D.
Increased bacterial growth efficiency with environmental variability: Results from DOC degradation by bacteria in pure culture experiments
(2010) Biogeosciences, 7 (6), pp. 1861-1876. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953246253&doi=10.5194%2fbg-7-1861-2010&partnerID=40&md5=a2315bbb2b6935047c3b276393e97a58>

DOI: 10.5194/bg-7-1861-2010

DOCUMENT TYPE: Article

SOURCE: Scopus

Burchard, H., Hetland, R.D.

Quantifying the contributions of tidal straining and gravitational circulation to residual circulation in periodically stratified tidal estuaries

(2010) *Journal of Physical Oceanography*, 40 (6), pp. 1243-1262. Cited 56 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955652423&doi=10.1175%2f2010JPO4270.1&partnerID=40&md5=3cb0be7da6d6a1a2b46e2cb2dca4a359)

[77955652423&doi=10.1175%2f2010JPO4270.1&partnerID=40&md5=3cb0be7da6d6a1a2b46e2cb2dca4a359](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77955652423&doi=10.1175%2f2010JPO4270.1&partnerID=40&md5=3cb0be7da6d6a1a2b46e2cb2dca4a359)

DOI: 10.1175/2010JPO4270.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Robins, P.E., Davies, A.G.

Morphological controls in sandy estuaries: The influence of tidal flats and bathymetry on sediment transport

(2010) *Ocean Dynamics*, 60 (3), pp. 503-517. Cited 17 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954817570&doi=10.1007%2fs10236-010-0268-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954817570&doi=10.1007%2fs10236-010-0268-4&partnerID=40&md5=c8353204c9a98f0dc6030fa439c5b323)

[4&partnerID=40&md5=c8353204c9a98f0dc6030fa439c5b323](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954817570&doi=10.1007%2fs10236-010-0268-4&partnerID=40&md5=c8353204c9a98f0dc6030fa439c5b323)

DOI: 10.1007/s10236-010-0268-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Hommersom, A., Wernand, M.R., Peters, S., de Boer, J.

A review on substances and processes relevant for optical remote sensing of extremely turbid marine areas, with a focus on the Wadden Sea

(2010) *Helgoland Marine Research*, 64 (2), pp. 75-92. Cited 4 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952429222&doi=10.1007%2fs10152-010-0191-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952429222&doi=10.1007%2fs10152-010-0191-6&partnerID=40&md5=05025492e5b4d404f084a03dc69d3c2f)

[6&partnerID=40&md5=05025492e5b4d404f084a03dc69d3c2f](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952429222&doi=10.1007%2fs10152-010-0191-6&partnerID=40&md5=05025492e5b4d404f084a03dc69d3c2f)

DOI: 10.1007/s10152-010-0191-6

DOCUMENT TYPE: Review

SOURCE: Scopus

Degeratu, M., Bandoc, G., Alboiu, N.L.

Laboratory research on modeling of the Romanian black sea seashore waves interaction with energy capturing devices

(2010) *UPB Scientific Bulletin, Series D: Mechanical Engineering*, 72 (1), pp. 9-16.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951584234&partnerID=40&md5=459966861e786742ca7cba4d2f15a02c)

[77951584234&partnerID=40&md5=459966861e786742ca7cba4d2f15a02c](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951584234&partnerID=40&md5=459966861e786742ca7cba4d2f15a02c)

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

González, M., Medina, R., Espejo, A., Tintoré, J., Martín, D., Orfila, A.

Morphodynamic evolution of dredged sandpits

(2010) *Journal of Coastal Research*, 26 (3), pp. 485-502. Cited 2 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952630392&doi=10.2112%2f08-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952630392&doi=10.2112%2f08-1034.1&partnerID=40&md5=f64776458a4a2ba04c47abdb3d882d7a)

[1034.1&partnerID=40&md5=f64776458a4a2ba04c47abdb3d882d7a](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952630392&doi=10.2112%2f08-1034.1&partnerID=40&md5=f64776458a4a2ba04c47abdb3d882d7a)

DOI: 10.2112/08-1034.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Comenges, J.-M.Z.

Analysis of toxicity effects from molecular to population level: Circadian oscillator case study

(2010) *Open Toxicology Journal*, 4, pp. 1-12.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953364505&partnerID=40&md5=73d35124f67040a8fbe0246bcbf4d223)

[77953364505&partnerID=40&md5=73d35124f67040a8fbe0246bcbf4d223](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953364505&partnerID=40&md5=73d35124f67040a8fbe0246bcbf4d223)

DOCUMENT TYPE: Article

SOURCE: Scopus

Shapiro, G.I., Stanichny, S.V., Stanychna, R.R.

Anatomy of shelf-deep sea exchanges by a mesoscale eddy in the North West Black Sea as derived from remotely sensed data

(2010) Remote Sensing of Environment, 114 (4), pp. 867-875. Cited 17 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-75449115136&doi=10.1016%2fj.rse.2009.11.020&partnerID=40&md5=f64ae74a9977e3dfd3a99d0f5bd5cd32)

[75449115136&doi=10.1016%2fj.rse.2009.11.020&partnerID=40&md5=f64ae74a9977e3dfd3a99d0f5bd5cd32](https://www.scopus.com/inward/record.uri?eid=2-s2.0-75449115136&doi=10.1016%2fj.rse.2009.11.020&partnerID=40&md5=f64ae74a9977e3dfd3a99d0f5bd5cd32)

DOI: 10.1016/j.rse.2009.11.020

DOCUMENT TYPE: Article

SOURCE: Scopus

Genz, F., Cirano, M., Lessa, G.C.

ProcED: A MATLAB package for processing ADCP estuarine data

(2010) Revista Brasileira de Geofisica, 28 (2), pp. 183-192. Cited 1 time.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149376591&partnerID=40&md5=a69f0c63ae27ec5751e50931a34b24c3)

[78149376591&partnerID=40&md5=a69f0c63ae27ec5751e50931a34b24c3](https://www.scopus.com/inward/record.uri?eid=2-s2.0-78149376591&partnerID=40&md5=a69f0c63ae27ec5751e50931a34b24c3)

DOCUMENT TYPE: Article

SOURCE: Scopus

Bi, Y., Zhu, K., Hu, Z., Zhang, L., Yu, B., Zhang, Q.

The effects of the three Gorges Dam's (TGD's) experimental impoundment on the phytoplankton community in the Xiangxi River, China

(2010) International Journal of Environmental Studies, 67 (2), pp. 207-221. Cited 12 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951762307&doi=10.1080%2f00207231003704196&partnerID=40&md5=cfb4c24ce249ffadd36aacec32a2a6ab)

[77951762307&doi=10.1080%2f00207231003704196&partnerID=40&md5=cfb4c24ce249ffadd36aacec32a2a6ab](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951762307&doi=10.1080%2f00207231003704196&partnerID=40&md5=cfb4c24ce249ffadd36aacec32a2a6ab)

DOI: 10.1080/00207231003704196

DOCUMENT TYPE: Article

SOURCE: Scopus

Jan, S., Tseng, Y.-H., Dietrich, D.E.

Sources of water in the Taiwan Strait

(2010) Journal of Oceanography, 66 (2), pp. 211-221. Cited 30 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951700924&doi=10.1007%2fs10872-010-0019-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951700924&doi=10.1007%2fs10872-010-0019-7&partnerID=40&md5=175ed172e4f70544c932379b01411d58)

[7&partnerID=40&md5=175ed172e4f70544c932379b01411d58](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951700924&doi=10.1007%2fs10872-010-0019-7&partnerID=40&md5=175ed172e4f70544c932379b01411d58)

DOI: 10.1007/s10872-010-0019-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Schulz-Stellenfleh, J., Stanev, E.V.

Statistical assessment of ocean observing networks - A study of water level measurements in the German Bight

(2010) Ocean Modelling, 33 (3-4), pp. 270-282. Cited 13 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952958802&doi=10.1016%2fj.ocemod.2010.03.001&partnerID=40&md5=5a82a68d48b8d9fcb003b1a49dbdbb54)

[77952958802&doi=10.1016%2fj.ocemod.2010.03.001&partnerID=40&md5=5a82a68d48b8d9fcb003b1a49dbdbb54](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952958802&doi=10.1016%2fj.ocemod.2010.03.001&partnerID=40&md5=5a82a68d48b8d9fcb003b1a49dbdbb54)

DOI: 10.1016/j.ocemod.2010.03.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Ibrayev, R.A., Özsoy, E., Schrum, C., Sur, H.I.

Seasonal variability of the Caspian Sea three-dimensional circulation, sea level and air-sea interaction

(2010) Ocean Science, 6 (1), pp. 311-329. Cited 17 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77749283218&partnerID=40&md5=80ef45fc5bda0647e5a8a0cc77179be3)

[77749283218&partnerID=40&md5=80ef45fc5bda0647e5a8a0cc77179be3](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77749283218&partnerID=40&md5=80ef45fc5bda0647e5a8a0cc77179be3)

DOCUMENT TYPE: Article

SOURCE: Scopus

Brandt, G., Wirtz, K.W.

Interannual variability of alongshore spring bloom dynamics in a coastal sea caused by the differential influence of hydrodynamics and light climate

(2010) Biogeosciences, 7 (1), pp. 371-386. Cited 2 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-76449092282&partnerID=40&md5=8fa891d16f757febd7790e89a1db60e6)

[76449092282&partnerID=40&md5=8fa891d16f757febd7790e89a1db60e6](https://www.scopus.com/inward/record.uri?eid=2-s2.0-76449092282&partnerID=40&md5=8fa891d16f757febd7790e89a1db60e6)

DOCUMENT TYPE: Article

SOURCE: Scopus

Enriquez, C., Mariño-Tapia, I.J., Herrera-Silveira, J.A.

Dispersion in the Yucatan coastal zone: Implications for red tide events

(2010) Continental Shelf Research, 30 (2), pp. 127-137. Cited 35 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-74249090818&doi=10.1016%2fj.csr.2009.10.005&partnerID=40&md5=e829d45ba1c9dc0a211aa6b49579cb66)

[74249090818&doi=10.1016%2fj.csr.2009.10.005&partnerID=40&md5=e829d45ba1c9dc0a211aa6b49579cb66](https://www.scopus.com/inward/record.uri?eid=2-s2.0-74249090818&doi=10.1016%2fj.csr.2009.10.005&partnerID=40&md5=e829d45ba1c9dc0a211aa6b49579cb66)

DOI: 10.1016/j.csr.2009.10.005

DOCUMENT TYPE: Article

SOURCE: Scopus

Staneva, J., Kourafalou, V., Tsiaras, K.

Seasonal and interannual variability of the north-western black sea ecosystem

(2010) Terrestrial, Atmospheric and Oceanic Sciences, 21 (1), pp. 163-180. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951570358&doi=10.3319%2fTAO.2009.06.08.03%28IWNOP%29&partnerID=40&md5=ec5ea666260b312e8eec0ce7af13a62b)

[77951570358&doi=10.3319%2fTAO.2009.06.08.03%28IWNOP%29&partnerID=40&md5=ec5ea666260b312e8eec0ce7af13a62b](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951570358&doi=10.3319%2fTAO.2009.06.08.03%28IWNOP%29&partnerID=40&md5=ec5ea666260b312e8eec0ce7af13a62b)

DOI: 10.3319/TAO.2009.06.08.03(IWNOP)

DOCUMENT TYPE: Article

SOURCE: Scopus

Grayek, S., Stanev, E.V., Kandilarov, R.

On the response of Black Sea level to external forcing: Altimeter data and numerical modelling

(2010) Ocean Dynamics, 60 (1), pp. 123-140. Cited 12 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649231876&doi=10.1007%2fs10236-009-0249-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649231876&doi=10.1007%2fs10236-009-0249-7&partnerID=40&md5=596cdf35ebed2a4cf73259ff494f8db5)

[7&partnerID=40&md5=596cdf35ebed2a4cf73259ff494f8db5](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77649231876&doi=10.1007%2fs10236-009-0249-7&partnerID=40&md5=596cdf35ebed2a4cf73259ff494f8db5)

DOI: 10.1007/s10236-009-0249-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Wu, C.-C., Bowman, M.J., Mooers, C.N.K., Tseng, Y.-H.

Preface to the special issue of numerical ocean modeling and prediction

(2010) Terrestrial, Atmospheric and Oceanic Sciences, 21 (1), .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951568860&doi=10.3319%2fTAO.2009.06.18.01%28IWNOP%29&partnerID=40&md5=07e4e10ede9add1c87c2982b2b666e94)

[77951568860&doi=10.3319%2fTAO.2009.06.18.01%28IWNOP%29&partnerID=40&md5=07e4e10ede9add1c87c2982b2b666e94](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951568860&doi=10.3319%2fTAO.2009.06.18.01%28IWNOP%29&partnerID=40&md5=07e4e10ede9add1c87c2982b2b666e94)

DOI: 10.3319/TAO.2009.06.18.01(IWNOP)

DOCUMENT TYPE: Editorial

SOURCE: Scopus

Korotenko, K.A., Bowman, M.J., Dietrich, D.E.

High-resolution numerical model for predicting the transport and dispersal of oil spilled in the black sea

(2010) Terrestrial, Atmospheric and Oceanic Sciences, 21 (1), pp. 123-136. Cited 20 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951559075&doi=10.3319%2fTAO.2009.04.24.01%28IWNOP%29&partnerID=40&md5=ccff482b9715e1487e755d29811b5258)

[77951559075&doi=10.3319%2fTAO.2009.04.24.01%28IWNOP%29&partnerID=40&md5=ccff482b9715e1487e755d29811b5258](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951559075&doi=10.3319%2fTAO.2009.04.24.01%28IWNOP%29&partnerID=40&md5=ccff482b9715e1487e755d29811b5258)

DOI: 10.3319/TAO.2009.04.24.01(IWNOP)
DOCUMENT TYPE: Article
SOURCE: Scopus

Huang, W., Liu, X., Chen, X., Flannery, M.S.
Estimating river flow effects on water ages by hydrodynamic modeling in Little Manatee River estuary, Florida, USA
(2010) Environmental Fluid Mechanics, 10 (1), pp. 197-211. Cited 11 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-75949107153&doi=10.1007%2fs10652-009-9143-6&partnerID=40&md5=ab16108680c427d90649d729adcc165a>

DOI: 10.1007/s10652-009-9143-6
DOCUMENT TYPE: Article
SOURCE: Scopus

Gräwe, U., Wolff, J.-O.
Suspended particulate matter dynamics in a particle framework
(2010) Environmental Fluid Mechanics, 10 (1), pp. 21-39. Cited 16 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-75949118695&doi=10.1007%2fs10652-009-9141-8&partnerID=40&md5=e12eadda99657f3248db6c83cebe18d8>

DOI: 10.1007/s10652-009-9141-8
DOCUMENT TYPE: Article
SOURCE: Scopus

Hofmeister, R., Burchard, H., Beckers, J.-M.
Non-uniform adaptive vertical grids for 3D numerical ocean models
(2010) Ocean Modelling, 33 (1-2), pp. 70-86. Cited 30 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949912456&doi=10.1016%2fj.ocemod.2009.12.003&partnerID=40&md5=dcb21d57dd0eba645c992a410cc1e9cf>

DOI: 10.1016/j.ocemod.2009.12.003
DOCUMENT TYPE: Article
SOURCE: Scopus

Gräwe, U., Wolff, J.-O., Ribbe, J.
Impact of climate variability on an east Australian bay
(2010) Estuarine, Coastal and Shelf Science, 86 (2), pp. 247-257. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-72449172598&doi=10.1016%2fj.ecss.2009.11.020&partnerID=40&md5=09eb23832ae40d52f8cca59ac5c65286>

DOI: 10.1016/j.ecss.2009.11.020
DOCUMENT TYPE: Article
SOURCE: Scopus

Buongiorno Nardelli, B., Colella, S., Santoleri, R., Guarracino, M., Kholod, A.
A re-analysis of Black Sea surface temperature
(2010) Journal of Marine Systems, 79 (1-2), pp. 50-64. Cited 14 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449534626&doi=10.1016%2fj.jmarsys.2009.07.001&partnerID=40&md5=14336fec729bee661d3ff5275bb3b2aa>

DOI: 10.1016/j.jmarsys.2009.07.001
DOCUMENT TYPE: Article
SOURCE: Scopus

Peng, H., Wang, Y., Zhang, W.
Modeling the biomanipulation in eutrophic shallow lakes

(2009) 3rd International Conference on Bioinformatics and Biomedical Engineering, iCBBE 2009, art. no. 5163076, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-72749097702&doi=10.1109%2fICBBE.2009.5163076&partnerID=40&md5=37d13e6295ad29b0bc05b4b1cff60365>

DOI: 10.1109/ICBBE.2009.5163076
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Flöser, G., Onken, R., Riethmüller, R.
Automated measuring stations in the German Wadden Sea
(2009) OCEANS '09 IEEE Bremen: Balancing Technology with Future Needs, art. no. 5278205, .
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-71249113876&doi=10.1109%2fOCEANSE.2009.5278205&partnerID=40&md5=53d6616ad9d9852a75c420aee5f19a82>

DOI: 10.1109/OCEANSE.2009.5278205
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Karageorgis, A.P., Kourafalou, V.H., Anagnostou, C., Tsiaras, K.P., Raitos, D.E., Papadopoulos, V., Papadopoulos, A.
River-induced particle distribution in the northwestern Black Sea (September 2002 and 2004)
(2009) Journal of Geophysical Research: Oceans, 114 (12), art. no. C12003, . Cited 8 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949413188&doi=10.1029%2f2009JC005460&partnerID=40&md5=e2346b6ff06cbf6030d2a3a172bcda22>

DOI: 10.1029/2009JC005460
DOCUMENT TYPE: Article
SOURCE: Scopus

Sarkisyan, A.S., Sündermann, J.E.
Modelling ocean climate variability
(2009) Modelling Ocean Climate Variability, pp. 1-374. Cited 16 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892821301&doi=10.1007%2f978-1-4020-9208-4&partnerID=40&md5=41dd012688559c4ef5fbcade6cce4ac4>

DOI: 10.1007/978-1-4020-9208-4
DOCUMENT TYPE: Book
SOURCE: Scopus

Korotenko, K.A.
Modeling an unusual upwelling event observed along the western Adriatic coast in the summer of 2003
(2009) Geofizika, 26 (2), pp. 171-189. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77149164187&partnerID=40&md5=c9bb5295a5d784adb131827eac33f1e6>

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Divino, J.A., McAleer, M.
Modelling sustainable international tourism demand to the Brazilian Amazon
(2009) Environmental Modelling and Software, 24 (12), pp. 1411-1419. Cited 12 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-69449086914&doi=10.1016%2fj.envsoft.2009.06.010&partnerID=40&md5=cbc0c21d667079d14953ec6052110aa4>

DOI: 10.1016/j.envsoft.2009.06.010
DOCUMENT TYPE: Article

SOURCE: Scopus

Kemp, W.M., Testa, J.M., Conley, D.J., Gilbert, D., Hagy, J.D.
Temporal responses of coastal hypoxia to nutrient loading and physical controls
(2009) *Biogeosciences*, 6 (12), pp. 2985-3008. Cited 142 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-73449113899&partnerID=40&md5=8194845d000139fad401059d3733756b>

DOCUMENT TYPE: Article

SOURCE: Scopus

Ferrarese, S., Cassardo, C., Elmi, A., Genovese, R., Longhetto, A., Manfrin, M., Richiardone, R.
Air-sea interactions in the Adriatic basin: Simulations of bora and sirocco wind events
(2009) *Geofizika*, 26 (2), pp. 157-170. Cited 4 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77149135794&partnerID=40&md5=2fbdf50a300a1e1dac3da5e00cb41c14>

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Langmead, O., McQuatters-Gollop, A., Mee, L.D., Friedrich, J., Gilbert, A.J., Gomoiu, M.-T., Jackson, E.L., Knudsen, S., Minicheva, G., Todorova, V.
Recovery or decline of the northwestern Black Sea: A societal choice revealed by socio-ecological modelling
(2009) *Ecological Modelling*, 220 (21), pp. 2927-2939. Cited 36 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-64949154210&doi=10.1016%2fj.ecolmodel.2008.09.011&partnerID=40&md5=9e7f2e003f3fbf5c8a6f0ab779988194>

DOI: 10.1016/j.ecolmodel.2008.09.011

DOCUMENT TYPE: Article

SOURCE: Scopus

Gräwe, U., Wolff, J.-O., Ribbe, J.
Mixing, hypersalinity and gradients in Hervey Bay, Australia
(2009) *Ocean Dynamics*, 59 (5), pp. 643-658. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350573450&doi=10.1007%2fs10236-009-0195-4&partnerID=40&md5=1b289aeae63aecbac47063fd22da4fb6>

DOI: 10.1007/s10236-009-0195-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Tian, T., Merico, A., Su, J., Staneva, J., Wiltshire, K., Wirtz, K.
Importance of resuspended sediment dynamics for the phytoplankton spring bloom in a coastal marine ecosystem
(2009) *Journal of Sea Research*, 62 (4), pp. 214-228. Cited 31 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449731049&doi=10.1016%2fj.seares.2009.04.001&partnerID=40&md5=12fe998d1800ebcf90339edd04a7910b>

DOI: 10.1016/j.seares.2009.04.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Holtermann, P., Burchard, H., Jennerjahn, T.
Hydrodynamics of the Segara Anakan lagoon
(2009) *Regional Environmental Change*, 9 (4), pp. 245-258. Cited 15 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77349121907&doi=10.1007%2fs10113-008-0075-3&partnerID=40&md5=ba981ab9e85646f627cce83bde438fd3>

DOI: 10.1007/s10113-008-0075-3

DOCUMENT TYPE: Review

SOURCE: Scopus

Fischer, E., Burchard, H., Hetland, R.D.

Numerical investigations of the turbulent kinetic energy dissipation rate in the Rhine region of freshwater influence

(2009) *Ocean Dynamics*, 59 (5), pp. 629-641. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350566075&doi=10.1007%2fs10236-009-0187-4&partnerID=40&md5=f61576c67b151b160b0d951b045ed86c>

DOI: 10.1007/s10236-009-0187-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Dueri, S., Dahllöf, I., Hjorth, M., Marinov, D., Zaldivar, J.M.

Modeling the combined effect of nutrients and pyrene on the plankton population: Validation using mesocosm experiment data and scenario analysis

(2009) *Ecological Modelling*, 220 (17), pp. 2060-2067. Cited 10 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67649839929&doi=10.1016%2fj.ecolmodel.2009.04.052&partnerID=40&md5=480397a599dcd2f6d90fc9b56c1a6366>

DOI: 10.1016/j.ecolmodel.2009.04.052

DOCUMENT TYPE: Article

SOURCE: Scopus

Burchard, H.

Combined effects of wind, tide, and horizontal density gradients on stratification in Estuaries and coastal seas

(2009) *Journal of Physical Oceanography*, 39 (9), pp. 2117-2136. Cited 31 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70449112147&doi=10.1175%2f2009JPO4142.1&partnerID=40&md5=26f988ec930887b5a8c0534070542bda>

DOI: 10.1175/2009JPO4142.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Eichinger, M., Kooijman, S.A.L.M., Sempéré, R., Lefèvre, D., Grégori, G., Charrière, B., Poggiale, J.C.

Consumption and release of dissolved organic carbon by marine bacteria in a pulsed-substrate environment:

From experiments to modelling

(2009) *Aquatic Microbial Ecology*, 56 (1), pp. 41-54. Cited 10 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-68849102915&doi=10.3354%2fame01312&partnerID=40&md5=c631803bafa4cd1b7825e29f09dbeee8>

DOI: 10.3354/ame01312

DOCUMENT TYPE: Article

SOURCE: Scopus

Demyshev, S.G., Ivanov, V.A., Markova, N.V.

Analysis of the Black-Sea climatic fields below the main pycnocline obtained on the basis of assimilation of the archival data on temperature and salinity in the numerical hydrodynamic model

(2009) *Physical Oceanography*, 19 (1), pp. 1-12.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67650435093&doi=10.1007%2fs11110-009-9034-x&partnerID=40&md5=ef377d4f1c88196eb6b5e72414a22872>

DOI: 10.1007/s11110-009-9034-x

DOCUMENT TYPE: Article

SOURCE: Scopus

Banas, N.S., McDonald, P.S., Armstrong, D.A.

Green crab larval retention in Willapa Bay, Washington: An intensive Lagrangian modeling approach
(2009) *Estuaries and Coasts*, 32 (5), pp. 893-905. Cited 22 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350066630&doi=10.1007%2fs12237-009-9175-7&partnerID=40&md5=1117c5c11aeeb59ad6b77b5c258b9fad>

DOI: 10.1007/s12237-009-9175-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Malhadas, M.S., Leitão, P.C., Silva, A., Neves, R.
Effect of coastal waves on sea level in Óbidos Lagoon, Portugal
(2009) *Continental Shelf Research*, 29 (9), pp. 1240-1250. Cited 36 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349122293&doi=10.1016%2fj.csr.2009.02.007&partnerID=40&md5=73894bf6bb6ff58f7a52c30720ea8166>

DOI: 10.1016/j.csr.2009.02.007

DOCUMENT TYPE: Article

SOURCE: Scopus

Hallberg, R., Adcroft, A.
Reconciling estimates of the free surface height in Lagrangian vertical coordinate ocean models with mode-split time stepping
(2009) *Ocean Modelling*, 29 (1), pp. 15-26. Cited 24 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-64849116932&doi=10.1016%2fj.ocemod.2009.02.008&partnerID=40&md5=21f07036695fae0d2bf25864ae40251b>

DOI: 10.1016/j.ocemod.2009.02.008

DOCUMENT TYPE: Article

SOURCE: Scopus

Bartholomä, A., Kubicki, A., Badewien, T.H., Flemming, B.W.
Suspended sediment transport in the German Wadden Sea-seasonal variations and extreme events
(2009) *Ocean Dynamics*, 59 (2), pp. 213-225. Cited 43 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349168276&doi=10.1007%2fs10236-009-0193-6&partnerID=40&md5=0e09996e023ccf2e40a80c8cb13a3bd2>

DOI: 10.1007/s10236-009-0193-6

DOCUMENT TYPE: Article

SOURCE: Scopus

Reuter, R., Badewien, T.H., Bartholomä, A., Braun, A., Lübben, A., Rullkötter, J.
A hydrographic time series station in the Wadden Sea (southern North Sea)
(2009) *Ocean Dynamics*, 59 (2), pp. 195-211. Cited 34 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349141722&doi=10.1007%2fs10236-009-0196-3&partnerID=40&md5=f2595e68e5172a205d56e535d2abfb4c>

DOI: 10.1007/s10236-009-0196-3

DOCUMENT TYPE: Article

SOURCE: Scopus

Garcia-Guinea, J., Crespo-Feo, E., Correcher, V., Cremades, A., Rubio, J., Tormo, L., Townsend, P.D.
Luminescence of Strontianite (SrCO₃) from Strontian (Scotland, UK)
(2009) *Radiation Measurements*, 44 (4), pp. 338-343. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67949108039&doi=10.1016%2fj.radmeas.2009.03.018&partnerID=40&md5=0638b3ebc6c0d2cea84d4e263d1c0ac6>

DOI: 10.1016/j.radmeas.2009.03.018

DOCUMENT TYPE: Article

SOURCE: Scopus

Badewien, T.H., Zimmer, E., Bartholomä, A., Reuter, R.
Towards continuous long-term measurements of suspended particulate matter (SPM) in turbid coastal waters
(2009) *Ocean Dynamics*, 59 (2), pp. 227-238. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349147879&doi=10.1007%2fs10236-009-0183-8&partnerID=40&md5=ad6d00f973a4e30c315dec121ff1215c>

DOI: 10.1007/s10236-009-0183-8

DOCUMENT TYPE: Article

SOURCE: Scopus

Kohlmeier, C., Ebenhö, W.
Modelling the biogeochemistry of a tidal flat ecosystem with EcoTiM
(2009) *Ocean Dynamics*, 59 (2), pp. 393-415. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349271725&doi=10.1007%2fs10236-009-0188-3&partnerID=40&md5=1c6d4e08dcf8174baef53c7c0a250bf3>

DOI: 10.1007/s10236-009-0188-3

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Grayek, S., Staneva, J.
Temporal and spatial circulation patterns in the East Frisian Wadden Sea
(2009) *Ocean Dynamics*, 59 (2), pp. 167-181. Cited 11 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349281763&doi=10.1007%2fs10236-008-0159-0&partnerID=40&md5=66d8fd2e56e9bdfad5e9dfcf836af1f>

DOI: 10.1007/s10236-008-0159-0

DOCUMENT TYPE: Article

SOURCE: Scopus

Flood, R.D., Hiscott, R.N., Aksu, A.E.
Morphology and evolution of an anastomosed channel network where saline underflow enters the Black Sea
(2009) *Sedimentology*, 56 (3), pp. 807-839. Cited 26 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-62549093136&doi=10.1111%2fj.1365-3091.2008.00998.x&partnerID=40&md5=e103366180c1a1cabaed7032d66af40d>

DOI: 10.1111/j.1365-3091.2008.00998.x

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Dobrynin, M., Pleskachevsky, A., Grayek, S., Günther, H.
Bed shear stress in the southern North Sea as an important driver for suspended sediment dynamics
(2009) *Ocean Dynamics*, 59 (2), pp. 183-194. Cited 12 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349126475&doi=10.1007%2fs10236-008-0171-4&partnerID=40&md5=5f31bd2de3c2840e66d58133d21c6211>

DOI: 10.1007/s10236-008-0171-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Lettmann, K.A., Wolff, J.-O., Badewien, T.H.
Modeling the impact of wind and waves on suspended particulate matter fluxes in the East Frisian Wadden Sea (southern North Sea)
(2009) *Ocean Dynamics*, 59 (2), pp. 239-262. Cited 31 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349279394&doi=10.1007%2fs10236-009-0194-5&partnerID=40&md5=a6525e5dbb0affd4052984bdafdf7952>

DOI: 10.1007/s10236-009-0194-5

DOCUMENT TYPE: Article
SOURCE: Scopus

Inomata, Y., Aoyama, M., Hirose, K.
Analysis of 50-y record of surface ¹³⁷Cs concentrations in the global ocean using the HAM-global database
(2009) *Journal of Environmental Monitoring*, 11 (1), pp. 116-125. Cited 18 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-58149383702&doi=10.1039%2fb811421h&partnerID=40&md5=38de95a9165ab99e52f22caa73590a10>

DOI: 10.1039/b811421h
DOCUMENT TYPE: Article
SOURCE: Scopus

Talke, S.A., de Swart, H.E., Schuttelaars, H.M.
Feedback between residual circulations and sediment distribution in highly turbid estuaries: An analytical model
(2009) *Continental Shelf Research*, 29 (1), pp. 119-135. Cited 38 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749120570&doi=10.1016%2fj.csr.2007.09.002&partnerID=40&md5=cfbacf7f5717d63344845cf28899107b>

DOI: 10.1016/j.csr.2007.09.002
DOCUMENT TYPE: Article
SOURCE: Scopus

MacCready, P., Jay, D.A.
Preface
(2009) *Continental Shelf Research*, 29 (1), pp. 1-3.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-57749088311&doi=10.1016%2fj.csr.2008.06.010&partnerID=40&md5=30d402feb1c4db1100ead5cdae3cbbdc>

DOI: 10.1016/j.csr.2008.06.010
DOCUMENT TYPE: Editorial
SOURCE: Scopus

De Swart, H.E., Zimmerman, J.T.F.
Morphodynamics of tidal inlet systems
(2009) *Annual Review of Fluid Mechanics*, 41, pp. 203-229. Cited 89 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-67651049312&doi=10.1146%2fannurev.fluid.010908.165159&partnerID=40&md5=facb0a0ac18d873aa25d3b5fc88b5dca>

DOI: 10.1146/annurev.fluid.010908.165159
DOCUMENT TYPE: Review
SOURCE: Scopus

Velegrakis, A.F., Lehmann, A., Monioudi, I., Giuliani, G., Herold, C., Allenbach, K., De Bono, A., Radchenko, I.
Beach erosion prediction for the black sea coast due to sea level rise
(2009) *Proceedings of the 9th International Conference on the Mediterranean Coastal Environment, MEDCOAST 2009*, 2, pp. 777-788.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84900796421&partnerID=40&md5=5da18b25295caa80eb9c446f087a83e3>

DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Knysh, V.V., Inyushina, N.V.
Assimilation of climatic data in a model of circulation of waters in the Black Sea with regard for the space and time behavior of the variances and cross-covariance functions of forecast errors
(2008) *Physical Oceanography*, 18 (4), pp. 179-193.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-58049200535&doi=10.1007%2fs11110-008-9023-5&partnerID=40&md5=d7a91c4a610745cb27d0cf0079a18b1e>

DOI: 10.1007/s11110-008-9023-5

DOCUMENT TYPE: Article

SOURCE: Scopus

Skachko, S., Danilov, S., Janjić, T., Schröter, J., Sidorenko, D., Savcenko, R., Bosch, W.
Sequential assimilation of multi-mission dynamical topography into a global finite-element ocean model
(2008) *Ocean Science*, 4 (4), pp. 307-318. Cited 5 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-57849154999&partnerID=40&md5=023b18cd6eea9bce4e7da0d5c4ae3b4d>

DOCUMENT TYPE: Article

SOURCE: Scopus

McQuatters-Gollop, A., Mee, L.D., Raitos, D.E., Shapiro, G.I.

Non-linearities, regime shifts and recovery: The recent influence of climate on Black Sea chlorophyll
(2008) *Journal of Marine Systems*, 74 (1-2), pp. 649-658. Cited 30 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-54249098207&doi=10.1016%2fj.jmarsys.2008.06.002&partnerID=40&md5=1305260b5368d70646102382289b70af>

DOI: 10.1016/j.jmarsys.2008.06.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Ferrarese, S., Cassardo, C., Elmi, A., Genovese, R., Longhetto, A., Manfrin, M., Richiardone, R.
Response of temperature and sea surface circulation to a Sirocco wind event in the Adriatic basin: A model
simulation

(2008) *Journal of Marine Systems*, 74 (1-2), pp. 659-671. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-54049128838&doi=10.1016%2fj.jmarsys.2008.07.003&partnerID=40&md5=1afdc34925d085b6a3cd686798698130>

DOI: 10.1016/j.jmarsys.2008.07.003

DOCUMENT TYPE: Article

SOURCE: Scopus

Petrenko, A., Dufau, C., Estournel, C.

Barotropic eastward currents in the western Gulf of Lion, north-western Mediterranean Sea, during stratified
conditions

(2008) *Journal of Marine Systems*, 74 (1-2), pp. 406-428. Cited 21 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-54249107914&doi=10.1016%2fj.jmarsys.2008.03.004&partnerID=40&md5=093b0b9c634b1a65fd3f74a28cfbaf6>

DOI: 10.1016/j.jmarsys.2008.03.004

DOCUMENT TYPE: Article

SOURCE: Scopus

Kara, A.B., Wallcraft, A.J., Hurlburt, H.E., Stanev, E.V.

Air-sea fluxes and river discharges in the Black Sea with a focus on the Danube and Bosphorus

(2008) *Journal of Marine Systems*, 74 (1-2), pp. 74-95. Cited 18 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-54049090472&doi=10.1016%2fj.jmarsys.2007.11.010&partnerID=40&md5=f0bca0c402bf78aad94536d2d412b746>

DOI: 10.1016/j.jmarsys.2007.11.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Marinov, D., Zaldívar, J.M., Norro, A., Giordani, G., Viaroli, P.
Integrated modelling in coastal lagoons: Sacca di Goro case study
(2008) *Hydrobiologia*, 611 (1), pp. 147-165. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-48349142945&doi=10.1007%2fs10750-008-9451-8&partnerID=40&md5=edce5500ca7ee8c74490bb35ec8cf37b>

DOI: 10.1007/s10750-008-9451-8

DOCUMENT TYPE: Article

SOURCE: Scopus

Wang, Y.-L., Wang, X., Sun, T.
Wetland eco-hydrological models: A review
(2008) *Chinese Journal of Ecology*, 27 (10), pp. 1753-1762. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-57249084607&partnerID=40&md5=599bf159701b02ae9d2c859890f406a1>

DOCUMENT TYPE: Review

SOURCE: Scopus

Knysh, V.V., Demyshev, S.G., Inyushina, N.V., Korotaev, G.K.
Assimilation of climatic hydrological data in a Black-Sea model based on the algorithm of adaptive statistics of prognostic errors
(2008) *Physical Oceanography*, 18 (1), pp. 14-24.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-56049091015&doi=10.1007%2fs11110-008-9006-6&partnerID=40&md5=bd2055dc4e62cc20501661a4a326dba5>

DOI: 10.1007/s11110-008-9006-6

DOCUMENT TYPE: Article

SOURCE: Scopus

Ducklow, H.W., Hansell, D.A., Morgan, J.A.
Reprint of Dissolved organic carbon and nitrogen in the Western Black Sea
(2008) *Marine Chemistry*, 111 (1-2), pp. 126-136. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-49049114955&doi=10.1016%2fj.marchem.2008.07.006&partnerID=40&md5=2e63d4f6e4bc5c7d73f8d17dd05d22e1>

DOI: 10.1016/j.marchem.2008.07.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Tsiaras, K.P., Kourafalou, V.H., Davidov, A., Staneva, J.
A three-dimensional coupled model of the Western Black Sea plankton dynamics: Seasonal variability and comparison to Sea WiFS data
(2008) *Journal of Geophysical Research: Oceans*, 113 (7), art. no. C07007, . Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749093741&doi=10.1029%2f2006JC003959&partnerID=40&md5=38ed0d67d1451ba62e99177511ca0b6b>

DOI: 10.1029/2006JC003959

DOCUMENT TYPE: Article

SOURCE: Scopus

Dietrich, D.E., Tseng, Y.-H., Medina, R., Piacsek, S.A., Liste, M., Olabarrieta, M., Bowman, M.J., Mehra, A.
Mediterranean Overflow Water (MOW) simulation using a coupled multiple-grid Mediterranean Sea/North Atlantic Ocean model
(2008) *Journal of Geophysical Research: Oceans*, 113 (7), art. no. C07027, . Cited 13 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749087909&doi=10.1029%2f2006JC003914&partnerID=40&md5=6dc66977cb21b5aaff9db7d532de7dc3>

DOI: 10.1029/2006JC003914
DOCUMENT TYPE: Article
SOURCE: Scopus

Ciappa, A.C.

A method for reducing pressure gradient errors improving the sigma coordinate stretching function: An idealized flow patterned after the Libyan near-shore region with the POM
(2008) Ocean Modelling, 23 (1-2), pp. 59-72. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-46349089731&doi=10.1016%2fj.ocemod.2008.04.003&partnerID=40&md5=0727d27c65d817b20adbcb5d8b2b67c>

DOI: 10.1016/j.ocemod.2008.04.003
DOCUMENT TYPE: Article
SOURCE: Scopus

Demetrashvili, D.I., Kvaratskhelia, D.U., Gvelesiani, A.I.

On the vortical motions in the Black Sea obtained by the 3-D hydrothermodynamical numerical model
(2008) Advances in Geosciences, 14, pp. 295-299. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-42649085040&partnerID=40&md5=0381d968b45608db33c82e4c5b10659f>

DOCUMENT TYPE: Article
SOURCE: Scopus

Lin, J., Xie, L., Pietrafesa, L.J., Xu, H., Woods, W., Mallin, M.A., Durako, M.J.

Water quality responses to simulated flow and nutrient reductions in the Cape Fear River Estuary and adjacent coastal region, North Carolina
(2008) Ecological Modelling, 212 (3-4), pp. 200-217. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-39649123988&doi=10.1016%2fj.ecolmodel.2007.10.026&partnerID=40&md5=618a8e27a6364634687baf9b7b7943b6>

DOI: 10.1016/j.ecolmodel.2007.10.026
DOCUMENT TYPE: Article
SOURCE: Scopus

Kordzadze, A.A., Demetrashvili, D.I., Surmava, A.A.

Numerical modeling of hydrophysical fields of the black sea under the conditions of alternation of atmospheric circulation processes
(2008) Izvestiya - Atmospheric and Ocean Physics, 44 (2), pp. 213-224. Cited 3 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-43149103902&doi=10.1134%2fS0001433808020096&partnerID=40&md5=d6284fbbc0b6bb322ef4d3e70fd4b06c>

DOI: 10.1134/S0001433808020096
DOCUMENT TYPE: Article
SOURCE: Scopus

Burchard, H., Flüser, G., Staneva, J.V., Badewien, T.H., Riethmüller, R.

Impact of density gradients on net sediment transport into the Wadden Sea
(2008) Journal of Physical Oceanography, 38 (3), pp. 566-587. Cited 48 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-43149124873&doi=10.1175%2f2007JPO3796.1&partnerID=40&md5=3b3c19c3833f2554593a7a516c1df8b2>

DOI: 10.1175/2007JPO3796.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Grégoire, M., Raick, C., Soetaert, K.
Numerical modeling of the central Black Sea ecosystem functioning during the eutrophication phase
(2008) *Progress in Oceanography*, 76 (3), pp. 286-333. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-40149105666&doi=10.1016%2fj.pocean.2008.01.002&partnerID=40&md5=0595bad9d87f42df99264bc8d10638db>

DOI: 10.1016/j.pocean.2008.01.002
DOCUMENT TYPE: Article
SOURCE: Scopus

Holzner, C.P., McGinnis, D.F., Schubert, C.J., Kipfer, R., Imboden, D.M.
Noble gas anomalies related to high-intensity methane gas seeps in the Black Sea
(2008) *Earth and Planetary Science Letters*, 265 (3-4), pp. 396-409. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-38049028675&doi=10.1016%2fj.epsl.2007.10.029&partnerID=40&md5=7d13cccf33b5ad09a9fe0fb3b60c97e6>

DOI: 10.1016/j.epsl.2007.10.029
DOCUMENT TYPE: Article
SOURCE: Scopus

Tuzhilkin, V.S.
General circulation
(2008) *Handbook of Environmental Chemistry, Volume 5: Water Pollution*, 5 Q, pp. 159-194. Cited 2 times.
https://www.scopus.com/inward/record.uri?eid=2-s2.0-35948977353&doi=10.1007%2f698_5_090&partnerID=40&md5=9102581ea1386db3e2451dfb71393025

DOI: 10.1007/698_5_090
DOCUMENT TYPE: Article
SOURCE: Scopus

Ginzburg, A.I., Zatsepin, A.G., Kostianoy, A.G., Sheremet, N.A.
Mesoscale water dynamics
(2008) *Handbook of Environmental Chemistry, Volume 5: Water Pollution*, 5 Q, pp. 195-215.
https://www.scopus.com/inward/record.uri?eid=2-s2.0-35948946543&doi=10.1007%2f698_5_062&partnerID=40&md5=4c29d280d80d35528d3063187ae9e26a

DOI: 10.1007/698_5_062
DOCUMENT TYPE: Article
SOURCE: Scopus

Tuzhilkin, V.S.
Thermohaline structure of the sea
(2008) *Handbook of Environmental Chemistry, Volume 5: Water Pollution*, 5 Q, pp. 217-253. Cited 4 times.
https://www.scopus.com/inward/record.uri?eid=2-s2.0-35948946941&doi=10.1007%2f698_5_077&partnerID=40&md5=eaf18c419466d0d5849ab27eb322ec67

DOI: 10.1007/698_5_077
DOCUMENT TYPE: Article
SOURCE: Scopus

Yakushev, E.V., Chasovnikov, V.K., Murray, J.W., Pakhomova, S.V., Podymov, O.I., Stunzhas, P.A.
Vertical hydrochemical structure of the black sea
(2008) *Handbook of Environmental Chemistry, Volume 5: Water Pollution*, 5 Q, pp. 277-307. Cited 7 times.
https://www.scopus.com/inward/record.uri?eid=2-s2.0-35948948692&doi=10.1007%2f698_5_088&partnerID=40&md5=12c1026ced17af8dac79136ea1e58877

DOI: 10.1007/698_5_088
DOCUMENT TYPE: Article
SOURCE: Scopus

Sotillo, M.G., Jordi, A., Ferrer, M.I., Conde, J., Tintoré, J., Álvarez-Fanjul, E.
The ESEEO regional ocean forecasting system
(2007) Proceedings of the International Offshore and Polar Engineering Conference, pp. 1716-1722. Cited 11 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-36448971266&partnerID=40&md5=cbf33e2fc95b7cdbbc75e692c4a5f2dd>

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Polonskii, A.B., Bardin, M.Yu., Voskresenskaya, E.N.
Statistical characteristics of cyclones and anticyclones over the Black Sea in the second half of the 20th century
(2007) Physical Oceanography, 17 (6), pp. 348-359. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-55349089548&doi=10.1007%2fs11110-008-9002-x&partnerID=40&md5=b762ae01256eaf6f8857aa50513a0869>

DOI: 10.1007/s11110-008-9002-x

DOCUMENT TYPE: Article

SOURCE: Scopus

Falina, A., Sarafanov, A., Volkov, I.

Warm intrusions in the intermediate layer (150-500 m) of the Black Sea eastern gyre interior

(2007) Geophysical Research Letters, 34 (22), art. no. L22602, . Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-38949186764&doi=10.1029%2f2007GL031016&partnerID=40&md5=7ad53bb118683179355111e6fe0a271c>

DOI: 10.1029/2007GL031016

DOCUMENT TYPE: Article

SOURCE: Scopus

Cushman-Roisin, B., Korotenko, K.A.

Mesoscale-resolving simulations of summer and winter bora events in the Adriatic Sea

(2007) Journal of Geophysical Research: Oceans, 112 (11), art. no. C11S91, . Cited 16 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-38549129951&doi=10.1029%2f2006JC003516&partnerID=40&md5=229e2a2037d14e6db79b99cd7d7ba09f>

DOI: 10.1029/2006JC003516

DOCUMENT TYPE: Article

SOURCE: Scopus

Kazmin, A.S., Zatsepin, A.G.

Long-term variability of surface temperature in the Black Sea, and its connection with the large-scale atmospheric forcing

(2007) Journal of Marine Systems, 68 (1-2), pp. 293-301. Cited 20 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-35348813299&doi=10.1016%2fj.jmarsys.2007.01.002&partnerID=40&md5=c4039056de700618a9e9dcfcdf8c4c36>

DOI: 10.1016/j.jmarsys.2007.01.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Ivanov, L.M., Chu, P.C.

On stochastic stability of regional ocean models with uncertainty in wind forcing

(2007) Nonlinear Processes in Geophysics, 14 (5), pp. 655-670. Cited 9 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-35548991040&partnerID=40&md5=422fe3703218ce4dfb628c13afb8da8d>

DOCUMENT TYPE: Article

SOURCE: Scopus

Matsoukas, C., Banks, A.C., Pavlakis, K.G., Hatzianastassiou, N., Stackhouse Jr., P.W., Vardavas, I.
Seasonal heat budgets of the Red and Black seas
(2007) *Journal of Geophysical Research: Oceans*, 112 (10), art. no. C10017, . Cited 9 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-37349069208&doi=10.1029%2f2006JC003849&partnerID=40&md5=b27201655d1ae8e801dca3aa4aaa260d>

DOI: 10.1029/2006JC003849

DOCUMENT TYPE: Article

SOURCE: Scopus

McCarthy, J.J., Yilmaz, A., Coban-Yildiz, Y., Nevins, J.L.
Nitrogen cycling in the offshore waters of the Black Sea
(2007) *Estuarine, Coastal and Shelf Science*, 74 (3), pp. 493-514. Cited 31 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34547581980&doi=10.1016%2fj.ecss.2007.05.005&partnerID=40&md5=7e3c4401dc293383a77dc8c0419e20be>

DOI: 10.1016/j.ecss.2007.05.005

DOCUMENT TYPE: Article

SOURCE: Scopus

Yunev, O.A., Carstensen, J., Moncheva, S., Khaliulin, A., Ærtebjerg, G., Nixon, S.
Nutrient and phytoplankton trends on the western Black Sea shelf in response to cultural eutrophication and climate changes
(2007) *Estuarine, Coastal and Shelf Science*, 74 (1-2), pp. 63-76. Cited 48 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250763182&doi=10.1016%2fj.ecss.2007.03.030&partnerID=40&md5=4798d4bb514e2c1ddb085c302fe06b3e>

DOI: 10.1016/j.ecss.2007.03.030

DOCUMENT TYPE: Article

SOURCE: Scopus

Ivanov, L.M., Chu, P.C.
On stochastic stability of regional ocean models to finite-amplitude perturbations of initial conditions
(2007) *Dynamics of Atmospheres and Oceans*, 43 (3-4), pp. 199-225. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34248634014&doi=10.1016%2fj.dynatmoce.2007.03.001&partnerID=40&md5=5ce67d97e49d84907fcfabfcee1d080>

DOI: 10.1016/j.dynatmoce.2007.03.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Korotenko, K.A.
Modeling the mesoscale variability in the Adriatic Sea
(2007) *Oceanology*, 47 (3), pp. 313-324. Cited 5 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447530620&doi=10.1134%2fS0001437007030034&partnerID=40&md5=6734c8fba8c6d12e1360cadbc66ac62e>

DOI: 10.1134/S0001437007030034

DOCUMENT TYPE: Article

SOURCE: Scopus

Knysh, V.V., Demyshev, S.G., Korotaev, G.K., Sarkisyan, A.S.
Method and results of assimilation of climatic data on temperature, salinity, and sea level into a numerical model of the Black Sea

(2007) *Izvestiya - Atmospheric and Ocean Physics*, 43 (3), pp. 363-377. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34447317783&doi=10.1134%2fS0001433807030115&partnerID=40&md5=3ed8b9ed218433efdbb8c4c790ac44>

DOI: 10.1134/S0001433807030115

DOCUMENT TYPE: Article

SOURCE: Scopus

Dietrich, D., Carnevale, G.F., Orlandi, P.

Flow over the Mid Adriatic Pit

(2007) *Nuovo Cimento della Societa Italiana di Fisica C*, 30 (3), pp. 277-290.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-38949102281&doi=10.1393%2fncc%2fi2007-10242-x&partnerID=40&md5=cd19892a9784c377419e31e5edafbed4>

DOI: 10.1393/ncc/i2007-10242-x

DOCUMENT TYPE: Article

SOURCE: Scopus

Giunta, S., Morigi, C., Negri, A., Guichard, F., Lericolais, G.

Holocene biostratigraphy and paleoenvironmental changes in the Black Sea based on calcareous nannoplankton

(2007) *Marine Micropaleontology*, 63 (1-2), pp. 91-110. Cited 34 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947696774&doi=10.1016%2fj.marmicro.2006.12.001&partnerID=40&md5=095b1d908107366e0a518dc05cd74e20>

DOI: 10.1016/j.marmicro.2006.12.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Vasas, V., Lancelot, C., Rousseau, V., Jordán, F.

Eutrophication and overfishing in temperate nearshore pelagic food webs: A network perspective

(2007) *Marine Ecology Progress Series*, 336, pp. 1-14. Cited 28 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249930875&doi=10.3354%2fmeps336001&partnerID=40&md5=58e5590d5723d01e269418ca21ce3e67>

DOI: 10.3354/meps336001

DOCUMENT TYPE: Article

SOURCE: Scopus

Ducklow, H.W., Hansell, D.A., Morgan, J.A.

Dissolved organic carbon and nitrogen in the Western Black Sea

(2007) *Marine Chemistry*, 105 (1-2), pp. 140-150. Cited 17 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34247558539&doi=10.1016%2fj.marchem.2007.01.015&partnerID=40&md5=13408fc0cec7b6d3480e45f71b077375>

DOI: 10.1016/j.marchem.2007.01.015

DOCUMENT TYPE: Article

SOURCE: Scopus

Lam, P., Jensen, M.M., Lavik, G., McGinnis, D.F., Müller, B., Schubert, C.J., Amann, R., Thamdrup, B., Kuypers, M.M.M.

Linking crenarchaeal and bacterial nitrification to anammox in the Black Sea

(2007) *Proceedings of the National Academy of Sciences of the United States of America*, 104 (17), pp. 7104-7109. Cited 326 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249862426&doi=10.1073%2fpnas.0611081104&partnerID=40&md5=00ab68eb8ec1acdf0672ffb27ca23958>

DOI: 10.1073/pnas.0611081104

DOCUMENT TYPE: Article
SOURCE: Scopus

Stanev, E.V., Brink-Spalink, G., Wolff, J.-O.
Sediment dynamics in tidally dominated environments controlled by transport and turbulence: A case study for the East Frisian Wadden Sea
(2007) Journal of Geophysical Research: Oceans, 112 (4), art. no. C04018, . Cited 26 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34250789174&doi=10.1029%2f2005JC003045&partnerID=40&md5=28fb42eb9193c651fcac63d081b74cf2>

DOI: 10.1029/2005JC003045
DOCUMENT TYPE: Article
SOURCE: Scopus

Carniel, S., Vichi, M., Sclavo, M.
Sensitivity of a coupled physical-biological model to turbulence: High-frequency simulations in a northern Adriatic station
(2007) Chemistry and Ecology, 23 (2), pp. 157-175. Cited 6 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34047224746&doi=10.1080%2f02757540701197903&partnerID=40&md5=4379753e5c37edab2221f346b5e24396>

DOI: 10.1080/02757540701197903
DOCUMENT TYPE: Article
SOURCE: Scopus

Kara, A.B., Wallcraft, A.J., Hurlburt, H.E.
A correction for land contamination of atmospheric variables near land-sea boundaries
(2007) Journal of Physical Oceanography, 37 (4), pp. 803-818. Cited 28 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249071032&doi=10.1175%2fJPO2984.1&partnerID=40&md5=d8c4f0d6ef8c92aff337f8924401e001>

DOI: 10.1175/JPO2984.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Cushman-Roisin, B., Korotenko, K.A., Galos, C.E., Dietrich, D.E.
Simulation and characterization of the Adriatic Sea mesoscale variability
(2007) Journal of Geophysical Research: Oceans, 112 (3), art. no. C03S14, . Cited 25 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-34249824299&doi=10.1029%2f2006JC003515&partnerID=40&md5=b4ad5cabb03681a2427581e8e00b99ee>

DOI: 10.1029/2006JC003515
DOCUMENT TYPE: Article
SOURCE: Scopus

Stewart, K., Kassakian, S., Krynytzky, M., Dijulio, D., Murray, J.W.
Oxic, suboxic, and anoxic conditions in the Black Sea
(2007) The Black Sea Flood Question: Changes in Coastline, Climate, and Human Settlement, pp. 1-21. Cited 17 times.
https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892307289&doi=10.1007%2f978-1-4020-5302-3_1&partnerID=40&md5=7c699180e2f845e2f5add4aa79e8fdc4

DOI: 10.1007/978-1-4020-5302-3_1
DOCUMENT TYPE: Book Chapter
SOURCE: Scopus

Wolanski, E.
Estuarine Ecohydrology
(2007) Estuarine Ecohydrology, 157 p. Cited 142 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010931267&doi=10.1016%2fB978-0-444-53066-0.X5001-6&partnerID=40&md5=8d506f5d4decf3598a4e93b268dbd45c>

DOI: 10.1016/B978-0-444-53066-0.X5001-6

DOCUMENT TYPE: Book

SOURCE: Scopus

Tsimplis, M.N., Zervakis, V., Josey, S.A., Peneva, E.L., Struglia, M.V., Stanev, E.V., Theocharis, A., Lionello, P., Malanotte-Rizzoli, P., Artale, V., Tragou, E., Oguz, T.

Chapter 4 Changes in the oceanography of the Mediterranean Sea and their link to climate variability

(2006) Developments in Earth and Environmental Sciences, 4 (C), pp. 227-282. Cited 22 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77957195102&doi=10.1016%2fS1571-9197%2806%2980007-8&partnerID=40&md5=b6ffb6f12dc0df071e646d16cc276ca8>

DOI: 10.1016/S1571-9197(06)80007-8

DOCUMENT TYPE: Article

SOURCE: Scopus

Rachev, N., Catalano, G., Crisciani, F., Cantoni, C., Purini, R.

On the dynamical conditions concomitant with the bottom anoxia in the Northern Adriatic Sea: A numerical case study for the 1977 event

(2006) Nuovo Cimento della Societa Italiana di Fisica C, 29 (6), pp. 673-693. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846887579&doi=10.1393%2fncc%2fi2006-10026-x&partnerID=40&md5=37a2fa4336899f1e0a6cc0a548bd15b2>

DOI: 10.1393/ncc/i2006-10026-x

DOCUMENT TYPE: Article

SOURCE: Scopus

Jordi, A., Basterretxea, G., Orfila, A., Tintoré, J.

Analysis of the circulation and shelf-slope exchanges in the continental margin of the northwestern Mediterranean

(2006) Ocean Science, 2 (2), pp. 173-181. Cited 7 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33750175776&partnerID=40&md5=907fedff8474957df76ad5b317735435>

DOCUMENT TYPE: Article

SOURCE: Scopus

Demyshev, S.G., Knysh, V.V., Korotaev, G.K.

Calculation of adapted black sea fields on the basis of assimilation of climatic temperature and salinity data into the model

(2006) Izvestiya - Atmospheric and Ocean Physics, 42 (5), pp. 555-567. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33749640601&doi=10.1134%2fS0001433806050033&partnerID=40&md5=b924405d6ca13f2bab3b035f97b1a255>

DOI: 10.1134/S0001433806050033

DOCUMENT TYPE: Article

SOURCE: Scopus

McGinnis, D.F., Greinert, J., Artemov, Y., Beaubien, S.E., Wüest, A.

Fate of rising methane bubbles in stratified waters: How much methane reaches the atmosphere?

(2006) Journal of Geophysical Research: Oceans, 111 (9), art. no. C09007, . Cited 202 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751080627&doi=10.1029%2f2005JC003183&partnerID=40&md5=ee05afb56448cc9fd8625215cedea9b1>

DOI: 10.1029/2005JC003183

DOCUMENT TYPE: Article

SOURCE: Scopus

Zeng, H., Song, L., Yu, Z., Chen, H.
Distribution of phytoplankton in the Three-Gorge Reservoir during rainy and dry seasons
(2006) *Science of the Total Environment*, 367 (2-3), pp. 999-1009. Cited 77 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746237677&doi=10.1016%2fj.scitotenv.2006.03.001&partnerID=40&md5=2974b9843c35190d2bb5f5a4f5865adc>

DOI: 10.1016/j.scitotenv.2006.03.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Dorofeev, V.L., Knysh, V.V., Korotaev, G.K.
Estimation of the long-term variability of hydrophysical characteristics of the Black Sea based on the assimilation of the climatic hydrological fields L and altimetry data
(2006) *Physical Oceanography*, 16 (4), pp. 189-202.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33751275559&doi=10.1007%2fs11110-006-0025-x&partnerID=40&md5=eb35c3915e0e3af9420ab456080c2536>

DOI: 10.1007/s11110-006-0025-x

DOCUMENT TYPE: Article

SOURCE: Scopus

Eichinger, M., Poggiale, J.-C., Van Wambeke, F., Lefèvre, D., Sempéré, R.
Modelling DOC assimilation and bacterial growth efficiency in biodegradation experiments: A case study in the Northeast Atlantic Ocean
(2006) *Aquatic Microbial Ecology*, 43 (2), pp. 139-151. Cited 9 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33746441946&partnerID=40&md5=f4eea3b20dec0258116665d999e7b895>

DOCUMENT TYPE: Article

SOURCE: Scopus

McGinnis, D.F., Bocaniov, S., Teodoru, C., Friedl, G., Lorke, A., Wüest, A.
Silica retention in the Iron Gate I reservoir on the Danube River: The role of side bays as nutrient sinks
(2006) *River Research and Applications*, 22 (4), pp. 441-456. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33744456216&doi=10.1002%2fra.916&partnerID=40&md5=1fc570b3fb7955a939658c8c9698f1db>

DOI: 10.1002/rra.916

DOCUMENT TYPE: Article

SOURCE: Scopus

Tian, R.C.
Toward standard parameterizations in marine biological modeling
(2006) *Ecological Modelling*, 193 (3-4), pp. 363-386. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-32644486853&doi=10.1016%2fj.ecolmodel.2005.09.003&partnerID=40&md5=b23db68edb8f6bcef8e0a1d69b86c23d>

DOI: 10.1016/j.ecolmodel.2005.09.003

DOCUMENT TYPE: Article

SOURCE: Scopus

Wählin, A.K., Cenedese, C.
How entraining density currents influence the stratification in a one-dimensional ocean basin
(2006) *Deep-Sea Research Part II: Topical Studies in Oceanography*, 53 (1-2), pp. 172-193. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644761679&doi=10.1016%2fj.dsr2.2005.10.019&partnerID=40&md5=7d2b1a85cebbc4cdbc8f3ceaae163d1>

DOI: 10.1016/j.dsr.2005.10.019
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Kara, A.B., Hurlburt, H.E., Wallcraft, A.J., Bourassa, M.A.
Black sea mixed layer sensitivity to various wind and thermal forcing products on climatological time scales
(2005) *Journal of Climate*, 18 (24), pp. 5266-5293. Cited 17 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-31544446597&doi=10.1175%2fJCLI3573R2.1&partnerID=40&md5=04fb536c35503904efc893d553cdd8bc>

DOI: 10.1175/JCLI3573R2.1
DOCUMENT TYPE: Article
SOURCE: Scopus

Poulain, P.-M., Barbanti, R., Motyzhev, S., Zatsepin, A.
Statistical description of the Black Sea near-surface circulation using drifters in 1999-2003
(2005) *Deep-Sea Research Part I: Oceanographic Research Papers*, 52 (12), pp. 2250-2274. Cited 30 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-27744605628&doi=10.1016%2fj.dsr.2005.08.007&partnerID=40&md5=824a3f8b65ee8b2c5d7012c9de1122ca>

DOI: 10.1016/j.dsr.2005.08.007
DOCUMENT TYPE: Article
SOURCE: Scopus

Enriquez, C.E., Shapiro, G.I., Souza, A.J., Zatsepin, A.G.
Hydrodynamic modelling of mesoscale eddies in the Black Sea
(2005) *Ocean Dynamics*, 55 (5-6), pp. 476-489. Cited 11 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-28844443840&doi=10.1007%2fs10236-005-0031-4&partnerID=40&md5=d2a2bb5ed047b329259b0e5970f721f4>

DOI: 10.1007/s10236-005-0031-4
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Periáñez, R.
Modelling the dispersion of radionuclides in the marine environment: An introduction
(2005) *Modelling the Dispersion of Radionuclides in the Marine Environment: An Introduction*, pp. 1-201.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892805188&doi=10.1007%2fb138979&partnerID=40&md5=47ebec188ad7c81a6a4a65aa15d8465e>

DOI: 10.1007/b138979
DOCUMENT TYPE: Book
SOURCE: Scopus

Demyshev, S.G., Knysh, V.V., Inyushina, N.V.
Seasonal variations and transformations of climatic currents with depth on the basis of assimilation of new climatic data on temperature and salinity in a model of the Black Sea
(2005) *Physical Oceanography*, 15 (6), pp. 346-362.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33644604295&doi=10.1007%2fs11110-006-0008-y&partnerID=40&md5=5a0af97d980c368c3710bf03a4f14262>

DOI: 10.1007/s11110-006-0008-y
DOCUMENT TYPE: Article
SOURCE: Scopus

Shen, C.-C., Liu, K.-K., Lee, M.-Y., Lee, T., Wang, C.-H., Lee, H.-J.
A novel method for tracing coastal water masses using Sr/Ca ratios and salinity in Nanwan Bay, southern Taiwan
(2005) *Estuarine, Coastal and Shelf Science*, 65 (1-2), pp. 135-142. Cited 6 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-25144438449&doi=10.1016%2fj.ecss.2005.05.010&partnerID=40&md5=ff6989694891caf4681885700fed69e0>

DOI: 10.1016/j.ecss.2005.05.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Tseng, Y.-H., Dietrich, D.E., Ferziger, J.H.

Regional circulation of the Monterey Bay region: Hydrostatic versus nonhydrostatic modeling

(2005) *Journal of Geophysical Research C: Oceans*, 110 (9), art. no. C09015, pp. 1-21. Cited 20 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-27744509649&doi=10.1029%2f2003JC002153&partnerID=40&md5=26f5d0f147158d09c95adfeded04dba7>

DOI: 10.1029/2003JC002153

DOCUMENT TYPE: Article

SOURCE: Scopus

Osawa, M., Takahashi, K., Hay, B.J.

Shell-bearing plankton fluxes in the central Black sea, 1989-1991

(2005) *Deep-Sea Research Part I: Oceanographic Research Papers*, 52 (9), pp. 1677-1698. Cited 13 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-23044462630&doi=10.1016%2fj.dsr.2005.04.005&partnerID=40&md5=767919e4d276a29c45d5915d0b599db9>

DOI: 10.1016/j.dsr.2005.04.005

DOCUMENT TYPE: Article

SOURCE: Scopus

Fernández, V., Dietrich, D.E., Haney, R.L., Tintoré, J.

Mesoscale, seasonal and interannual variability in the Mediterranean Sea using a numerical ocean model

(2005) *Progress in Oceanography*, 66 (2-4), pp. 321-340. Cited 38 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-23444441007&doi=10.1016%2fj.pocean.2004.07.010&partnerID=40&md5=e454a2322e6fc1790542ee553c5ecb5>

DOI: 10.1016/j.pocean.2004.07.010

DOCUMENT TYPE: Article

SOURCE: Scopus

Oguz, T.

Black Sea ecosystem response to climatic teleconnections

(2005) *Oceanography*, 18 (SPL.ISS.2), pp. 122-133. Cited 44 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33044497155&doi=10.5670%2foceanog.2005.47&partnerID=40&md5=51f3c84e1ea1f24594ea77f87cdd3afa>

DOI: 10.5670/oceanog.2005.47

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V.

Understanding Black Sea dynamics: An overview of recent numerical modeling

(2005) *Oceanography*, 18 (SPL.ISS.2), pp. 56-75. Cited 24 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947694481&doi=10.5670%2foceanog.2005.42&partnerID=40&md5=c205a856661ec2684aae605ee9cc1bee>

DOI: 10.5670/oceanog.2005.42

DOCUMENT TYPE: Article

SOURCE: Scopus

Mee, L.D., Friedrich, J., Gomoiu, M.T.

Restoring the Black Sea in times of uncertainty

(2005) *Oceanography*, 18 (SPL.ISS.2), pp. 100-111. Cited 67 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-49649114899&doi=10.5670%2foceanog.2005.45&partnerID=40&md5=3d0770550c196819d97172fcb4fd9677>

DOI: 10.5670/oceanog.2005.45

DOCUMENT TYPE: Article

SOURCE: Scopus

Knysh, V.V., Korotaev, G.K., Demyshev, S.G., Belokopytov, V.N.
Long-term variations of the thermohaline and dynamic characteristics of the black sea according to the climatic data on temperature and salinity and their assimilation in the model
(2005) *Physical Oceanography*, 15 (3), pp. 142-160. Cited 1 time.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-27744596762&doi=10.1007%2fs11110-005-0037-y&partnerID=40&md5=63867b45b27608509d8ec57da267ddbc>

DOI: 10.1007/s11110-005-0037-y

DOCUMENT TYPE: Article

SOURCE: Scopus

Cugier, P., Billen, G., Guillaud, J.F., Garnier, J., Ménesguen, A.
Modelling the eutrophication of the Seine Bight (France) under historical, present and future riverine nutrient loading
(2005) *Journal of Hydrology*, 304 (1-4), pp. 381-396. Cited 92 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-14744267348&doi=10.1016%2fj.jhydrol.2004.07.049&partnerID=40&md5=b7973577027ce01141ffdd3f53acf958>

DOI: 10.1016/j.jhydrol.2004.07.049

DOCUMENT TYPE: Article

SOURCE: Scopus

Gregg, M.C., Yakushev, E.
Surface ventilation of the Black Sea's cold intermediate layer in the middle of the western gyre
(2005) *Geophysical Research Letters*, 32 (3), pp. 1-4. Cited 21 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-17744374065&doi=10.1029%2f2004GL021580&partnerID=40&md5=39821b8201bde459675fc3a8aefdbfc0>

DOI: 10.1029/2004GL021580

DOCUMENT TYPE: Article

SOURCE: Scopus

Kara, A.B., Wallcraft, A.J., Hurlburt, H.E.
How does solar attenuation depth affect the ocean mixed layer? Water turbidity and atmospheric forcing impacts on the simulation of seasonal mixed layer variability in the turbid Black Sea
(2005) *Journal of Climate*, 18 (3), pp. 389-409. Cited 20 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-14644401156&doi=10.1175%2fJCLI-3159.1&partnerID=40&md5=3d66ec5f86366c3bb2042ec3fecb9364>

DOI: 10.1175/JCLI-3159.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Bailly du Bois, P., Dumas, F.
Fast hydrodynamic model for medium- and long-term dispersion in seawater in the English Channel and southern North Sea, qualitative and quantitative validation by radionuclide tracers
(2005) *Ocean Modelling*, 9 (2), pp. 169-210. Cited 39 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-10444252653&doi=10.1016%2fj.ocemod.2004.07.004&partnerID=40&md5=62529283f0b30409bdd2e830a8b4f4ea>

DOI: 10.1016/j.ocemod.2004.07.004

DOCUMENT TYPE: Article

SOURCE: Scopus

Kara, A.B., Wallcraft, A.J., Hurlburt, H.E.

Sea surface temperature sensitivity to water turbidity from simulations of the turbid Black Sea using HYCOM (2005) *Journal of Physical Oceanography*, 35 (1), pp. 33-54. Cited 44 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-14644440232&doi=10.1175%2fJPO-2656.1&partnerID=40&md5=f48f870bca5410143ccfe033be653425>

DOI: 10.1175/JPO-2656.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Kara, A.B., Wallcraft, A.J., Hurlburt, H.E.

A new solar radiation penetration scheme for use in ocean mixed layer studies: An application to the Black Sea using a fine-resolution Hybrid Coordinate Ocean Model (HYCOM)

(2005) *Journal of Physical Oceanography*, 35 (1), pp. 13-32. Cited 38 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-14644388508&doi=10.1175%2fJPO2677.1&partnerID=40&md5=20047bc2700b7e99e6200843028e21be>

DOI: 10.1175/JPO2677.1

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Staneva, J., Bullister, J.L., Murray, J.W.

Ventilation of the Black Sea pycnocline. Parameterization of convection, numerical simulations and validations against observed chlorofluorocarbon data

(2004) *Deep-Sea Research Part I: Oceanographic Research Papers*, 51 (12), pp. 2137-2169. Cited 26 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-8844219796&doi=10.1016%2fj.dsr.2004.07.018&partnerID=40&md5=e7c17850692e1e4180b9f337890cc826>

DOI: 10.1016/j.dsr.2004.07.018

DOCUMENT TYPE: Article

SOURCE: Scopus

Kourafalou, V., Tsiaras, K., Staneva, J.

Numerical studies on the dynamics of the northwestern black sea shelf

(2004) *Mediterranean Marine Science*, 5 (1), pp. 133-142. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-51749119053&partnerID=40&md5=f8f756c40ca798dd9ce1533264f6888f>

DOCUMENT TYPE: Article

SOURCE: Scopus

Ginzburg, A.I., Kostianoy, A.G., Sheremet, N.A.

Seasonal and interannual variability of the Black Sea surface temperature as revealed from satellite data (1982-2000)

(2004) *Journal of Marine Systems*, 52 (1-4), pp. 33-50. Cited 35 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-9244227639&doi=10.1016%2fj.jmarsys.2004.05.002&partnerID=40&md5=c3bf15e5bc3591e99fe889bcd33bdaec>

DOI: 10.1016/j.jmarsys.2004.05.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Grégoire, M., Beckers, J.M.

Modeling the nitrogen fluxes in the Black Sea using a 3D coupled hydrodynamical-biogeochemical model: Transport versus biogeochemical processes, exchanges across the shelf break and comparison of the shelf and deep sea ecodynamics

(2004) Biogeosciences, 1 (1), pp. 33-61. Cited 11 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844450855&partnerID=40&md5=64706828d7befe968f078c79febaa6a8)

[21844450855&partnerID=40&md5=64706828d7befe968f078c79febaa6a8](https://www.scopus.com/inward/record.uri?eid=2-s2.0-21844450855&partnerID=40&md5=64706828d7befe968f078c79febaa6a8)

DOCUMENT TYPE: Article

SOURCE: Scopus

Dietrich, D.E., Haney, R.L., Fernández, V., Josey, S.A., Tintoré, J.

Air-sea fluxes based on observed annual cycle surface climatology and ocean model internal dynamics: A non-damping zero-phase-lag approach applied to the Mediterranean Sea

(2004) Journal of Marine Systems, 52 (1-4), pp. 145-165. Cited 19 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442488582&doi=10.1016%2fj.jmarsys.2004.01.006&partnerID=40&md5=14fda0ded5b9d346b31ea08ed77164a9)

[2442488582&doi=10.1016%2fj.jmarsys.2004.01.006&partnerID=40&md5=14fda0ded5b9d346b31ea08ed77164a9](https://www.scopus.com/inward/record.uri?eid=2-s2.0-2442488582&doi=10.1016%2fj.jmarsys.2004.01.006&partnerID=40&md5=14fda0ded5b9d346b31ea08ed77164a9)

DOI: 10.1016/j.jmarsys.2004.01.006

DOCUMENT TYPE: Article

SOURCE: Scopus

Polonsky, A.B., Lovenkova, E.A.

Temperature and salinity trends in the active layer of the Black Sea in the second half of the 20th century and their possible causes

(2004) Izvestiya - Atmospheric and Ocean Physics, 40 (6), pp. 747-755.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-11944262366&partnerID=40&md5=40f91491569673d803dffe8f87bcb8c0)

[11944262366&partnerID=40&md5=40f91491569673d803dffe8f87bcb8c0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-11944262366&partnerID=40&md5=40f91491569673d803dffe8f87bcb8c0)

DOCUMENT TYPE: Article

SOURCE: Scopus

Knysh, V.V., Inyushina, N.V.

Advection mechanism of replenishment and refreshment of the cold intermediate layer according to the results of numerical simulation of currents in the Black Sea

(2004) Physical Oceanography, 14 (6), pp. 335-347.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-20344407531&doi=10.1007%2fs11110-005-0021-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-20344407531&doi=10.1007%2fs11110-005-0021-6&partnerID=40&md5=7ac6899e25c4c610644db59c31772fbd)

[6&partnerID=40&md5=7ac6899e25c4c610644db59c31772fbd](https://www.scopus.com/inward/record.uri?eid=2-s2.0-20344407531&doi=10.1007%2fs11110-005-0021-6&partnerID=40&md5=7ac6899e25c4c610644db59c31772fbd)

DOI: 10.1007/s11110-005-0021-6

DOCUMENT TYPE: Article

SOURCE: Scopus

Tsimplis, M.N., Josey, S.A., Rixen, M., Stanev, E.V.

On the forcing of sea level in the Black Sea

(2004) Journal of Geophysical Research C: Oceans, 109 (8), . Cited 28 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-7244229779&doi=10.1029%2f2003JC002185&partnerID=40&md5=1834240d512d46c7b2ce03be7e955d2e)

[7244229779&doi=10.1029%2f2003JC002185&partnerID=40&md5=1834240d512d46c7b2ce03be7e955d2e](https://www.scopus.com/inward/record.uri?eid=2-s2.0-7244229779&doi=10.1029%2f2003JC002185&partnerID=40&md5=1834240d512d46c7b2ce03be7e955d2e)

DOI: 10.1029/2003JC002185

DOCUMENT TYPE: Article

SOURCE: Scopus

Yankovsky, A.E., Lemesko, E.M., Ilyin, Y.P.

The influence of shelfbreak forcing on the alongshelf penetration of the Danube buoyant water, Black sea

(2004) Continental Shelf Research, 24 (10), pp. 1083-1098. Cited 10 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942628224&doi=10.1016%2fj.csr.2004.03.007&partnerID=40&md5=4fb0df539b9a7c1555421ee2c694e002)

[2942628224&doi=10.1016%2fj.csr.2004.03.007&partnerID=40&md5=4fb0df539b9a7c1555421ee2c694e002](https://www.scopus.com/inward/record.uri?eid=2-s2.0-2942628224&doi=10.1016%2fj.csr.2004.03.007&partnerID=40&md5=4fb0df539b9a7c1555421ee2c694e002)

DOI: 10.1016/j.csr.2004.03.007

DOCUMENT TYPE: Review

SOURCE: Scopus

Grégoire, M., Soetaert, K., Nezlin, N., Kostianoy, A.

Modeling the nitrogen cycling and plankton productivity in the Black Sea using a three-dimensional interdisciplinary model

(2004) Journal of Geophysical Research C: Oceans, 109 (5), . Cited 14 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-3542993241&doi=10.1029%2f2001JC001014&partnerID=40&md5=c9cdf4ae6ba2e301b7f0c034a6de6bb1)

[3542993241&doi=10.1029%2f2001JC001014&partnerID=40&md5=c9cdf4ae6ba2e301b7f0c034a6de6bb1](https://www.scopus.com/inward/record.uri?eid=2-s2.0-3542993241&doi=10.1029%2f2001JC001014&partnerID=40&md5=c9cdf4ae6ba2e301b7f0c034a6de6bb1)

DOI: 10.1029/2001JC001014

DOCUMENT TYPE: Article

SOURCE: Scopus

Dietrich, D.E., Mehra, A., Haney, R.L., Bowman, M.J., Tseng, Y.H.

Dissipation effects in North Atlantic Ocean modeling

(2004) Geophysical Research Letters, 31 (5), . Cited 20 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-18344401972&partnerID=40&md5=28d8563a4055c7610c276793816087af)

[18344401972&partnerID=40&md5=28d8563a4055c7610c276793816087af](https://www.scopus.com/inward/record.uri?eid=2-s2.0-18344401972&partnerID=40&md5=28d8563a4055c7610c276793816087af)

DOCUMENT TYPE: Article

SOURCE: Scopus

Konovalov, S.K., Kubryakov, A.I., Demyshev, S.G.

Parametrization of the biochemical processes of oxidation and numerical modeling of the seasonal behavior of the distribution of oil hydrocarbons in the aerobic zone of the Black Sea

(2004) Physical Oceanography, 14 (1), pp. 27-41.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344677604&doi=10.1023%2fB%3aPOCE.0000025368.38540.a7&partnerID=40&md5=7f877e89b8d30419d7f491c4b004652a)

[4344677604&doi=10.1023%2fB%3aPOCE.0000025368.38540.a7&partnerID=40&md5=7f877e89b8d30419d7f491c4b004652a](https://www.scopus.com/inward/record.uri?eid=2-s2.0-4344677604&doi=10.1023%2fB%3aPOCE.0000025368.38540.a7&partnerID=40&md5=7f877e89b8d30419d7f491c4b004652a)

DOI: 10.1023/B:POCE.0000025368.38540.a7

DOCUMENT TYPE: Article

SOURCE: Scopus

Harms, I.H., Karcher, M.J., Burchard, H.

Chapter 3 Modelling radioactivity in the marine environment: The application of hydrodynamic circulation models for simulating oceanic dispersion of radioactivity

(2003) Radioactivity in the Environment, 4 (C), pp. 55-85. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956975596&doi=10.1016%2fS1569-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956975596&doi=10.1016%2fS1569-4860%2803%2980059-1&partnerID=40&md5=7eab94b5a3fc4ff3faff2757296b585e)

[4860%2803%2980059-1&partnerID=40&md5=7eab94b5a3fc4ff3faff2757296b585e](https://www.scopus.com/inward/record.uri?eid=2-s2.0-77956975596&doi=10.1016%2fS1569-4860%2803%2980059-1&partnerID=40&md5=7eab94b5a3fc4ff3faff2757296b585e)

DOI: 10.1016/S1569-4860(03)80059-1

DOCUMENT TYPE: Article

SOURCE: Scopus

Knysh, V.V., Sarkisyan, A.S.

Four-dimensional analysis of hydrophysical ocean and sea fields: Numerical experiments and reconstructions

(2003) Izvestiya - Atmospheric and Ocean Physics, 39 (6), pp. 739-753. Cited 4 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-2642565354&partnerID=40&md5=4f478cafc57a34093c0824c0ad9b03a5)

[2642565354&partnerID=40&md5=4f478cafc57a34093c0824c0ad9b03a5](https://www.scopus.com/inward/record.uri?eid=2-s2.0-2642565354&partnerID=40&md5=4f478cafc57a34093c0824c0ad9b03a5)

DOCUMENT TYPE: Article

SOURCE: Scopus

Zaldívar, J.M., Cattaneo, E., Plus, M., Murray, C.N., Giordani, G., Viaroli, P.

Long-term simulation of main biogeochemical events in a coastal lagoon: Sacca di Goro (Northern Adriatic Coast, Italy)

(2003) Continental Shelf Research, 23 (17-19), pp. 1847-1875. Cited 47 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0346734389&doi=10.1016%2fj.csr.2003.01.001&partnerID=40&md5=08cfd60c8e16e1b516ac5f8cf8259564>

DOI: 10.1016/j.csr.2003.01.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Hirose, K., Aoyama, M.

Analysis of ¹³⁷Cs and ^{239,240}Pu concentrations in surface waters of the Pacific Ocean

(2003) Deep-Sea Research Part II: Topical Studies in Oceanography, 50 (17-21), pp. 2675-2700. Cited 36 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141818129&doi=10.1016%2fS0967-0645%2803%2900141-3&partnerID=40&md5=cd2a081b6f0c2f116af8cb06fd1c0b01>

DOI: 10.1016/S0967-0645(03)00141-3

DOCUMENT TYPE: Article

SOURCE: Scopus

Blokhima, M.D., Afanasyev, Y.D.

Baroclinic instability and transient features of mesoscale surface circulation in the Black Sea: Laboratory experiment

(2003) Journal of Geophysical Research C: Oceans, 108 (10), pp. 20-1. Cited 4 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-1642579503&partnerID=40&md5=144a9687ce1a65cac998350955a564e7>

DOCUMENT TYPE: Article

SOURCE: Scopus

Oguz, T., Cokacar, T., Malanotte-Rizzoli, P., Ducklow, H.W.

Climatic warming and accompanying changes in the ecological regime of the Black Sea during 1990s

(2003) Global Biogeochemical Cycles, 17 (3), pp. 14-1. Cited 43 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345992632&partnerID=40&md5=ea5f4adf2b0da85d4d2be73a63a7e5ad>

DOCUMENT TYPE: Article

SOURCE: Scopus

Zatsepin, A.G., Ginzburg, A.I., Kostianoy, A.G., Kremenetskiy, V.V., Krivosheya, V.G., Stanichny, S.V., Poulain, P.-M.

Observations of Black Sea mesoscale eddies and associated horizontal mixing

(2003) Journal of Geophysical Research C: Oceans, 108 (8), pp. 2-1. Cited 51 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0344983841&partnerID=40&md5=c85c02a80f42085ecfd69868b30b2921>

DOCUMENT TYPE: Article

SOURCE: Scopus

Tsumune, D., Aoyama, M., Hirose, K.

Behavior of ¹³⁷Cs concentrations in the North Pacific in an ocean general circulation model

(2003) Journal of Geophysical Research C: Oceans, 108 (8), pp. 18-1. Cited 6 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0345415093&partnerID=40&md5=fa88473ef2cd92b40290215c0238d08e>

DOCUMENT TYPE: Article

SOURCE: Scopus

Korotenko, K.A., Dietrich, D.E., Bowman, M.J.

Modeling of the circulation and transport of oil spills in the Black Sea

(2003) Oceanology, 43 (4), pp. 474-484. Cited 10 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0142094502&partnerID=40&md5=291f033346bc646146ac32321b20c461>

DOCUMENT TYPE: Article
SOURCE: Scopus

Grégoire, M., Lacroix, G.
Exchange processes and nitrogen cycling on the shelf and continental slope of the Black Sea basin
(2003) *Global Biogeochemical Cycles*, 17 (2), pp. 42-1. Cited 15 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0042238337&partnerID=40&md5=5bf490e55e56a76bdc1566c5528451f6>

DOCUMENT TYPE: Article
SOURCE: Scopus

Korotaev, G., Oguz, T., Nikiforov, A., Koblinsky, C.
Seasonal, interannual, and mesoscale variability of the Black Sea upper layer circulation derived from altimeter data
(2003) *Journal of Geophysical Research C: Oceans*, 108 (4), pp. 19-1. Cited 65 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043092121&partnerID=40&md5=ea85c5ac66e32e894f646b84439eff46>

DOCUMENT TYPE: Article
SOURCE: Scopus

Chu, P.C., Ivanov, L.M., Korzhova, T.P., Margolina, T.M., Melnichenko, O.V.
Analysis of sparse and noisy ocean current data using flow decomposition. Part II: Applications to eulerian and lagrangian data
(2003) *Journal of Atmospheric and Oceanic Technology*, 20 (4), pp. 492-512. Cited 21 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141563786&doi=10.1175%2f1520-0426%282003%2920%26lt%3b492%3aAOSANO%26gt%3b2.0.CO%3b2&partnerID=40&md5=c4535260c0c40727fb6da317eb2e141a>

DOI: 10.1175/1520-0426(2003)20<492:AOSANO>2.0.CO;2
DOCUMENT TYPE: Article
SOURCE: Scopus

Korotaev, G.K., Khomenko, G.A.
Lagrangian transport by currents variable in time in the model of wind-induced circulation of the Black Sea
(2003) *Physical Oceanography*, 13 (2), pp. 75-87.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0742267878&doi=10.1023%2fA%3a1023744312973&partnerID=40&md5=b3ed46b9e2574d95ac104df4cae9278c>

DOI: 10.1023/A:1023744312973
DOCUMENT TYPE: Article
SOURCE: Scopus

Demyshev, S.G.
Modeling the seasonal variability of the Black Sea hydrophysical fields with harmonic and biharmonic parametrizations of the horizontal friction force
(2003) *Izvestiya - Atmospheric and Ocean Physics*, 39 (2), pp. 248-258. Cited 2 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037985404&partnerID=40&md5=8f65a23028746d7c0e4ad76954285677>

DOCUMENT TYPE: Article
SOURCE: Scopus

Stanev, E.V., Bowman, M.J., Peneva, E.L., Staneva, J.V.
Control of Black Sea intermediate water mass formation by dynamics and topography: Comparison of numerical simulations, surveys and satellite data
(2003) *Journal of Marine Research*, 61 (1), pp. 59-99. Cited 27 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0037646386&doi=10.1357%2f002224003321586417&partnerID=40&md5=9491b21cf4d3d038b3f0ccc79d214e78>

DOI: 10.1357/002224003321586417

DOCUMENT TYPE: Article

SOURCE: Scopus

Demyshev, S.G.

Numerical simulation of vertical motions in the Black Sea for the case of constant density

(2003) *Physical Oceanography*, 13 (1), pp. 53-61.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0742285156&doi=10.1023%2fA%3a1022452905604&partnerID=40&md5=9b066f14cf91e065a6da1c198d9d738e>

DOI: 10.1023/A:1022452905604

DOCUMENT TYPE: Article

SOURCE: Scopus

Zatsepin, A.G., Ginzburg, A.I., Kostyanoy, A.G., Kremenetskiy, V.V., Krivosheya, V.G., Poyarkov, S.G., Ratner, Yu.B., Skirta, A.Yu., Soloviev, D.M., Stanichny, S.V., Stroganov, O.Yu., Sheremet, N.A., Yakubenko, V.G.

Variability of water dynamics in the northeastern Black Sea and its effect on the water exchange between the near-shore zone and open basin

(2002) *Oceanology*, 42 (SUPPL 1), . Cited 14 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0141706808&partnerID=40&md5=65bf1dcd7cc2b59a6d635c669e9caf3e>

DOCUMENT TYPE: Article

SOURCE: Scopus

Köhler, P., Wirtz, K.W.

Linear understanding of a huge aquatic ecosystem model using a group-collecting sensitivity analysis

(2002) *Environmental Modelling and Software*, 17 (7), pp. 613-625. Cited 11 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036369036&doi=10.1016%2fS1364-8152%2802%2900022-1&partnerID=40&md5=23e9a38b6cff8e67ee42980064329139>

DOI: 10.1016/S1364-8152(02)00022-1

DOCUMENT TYPE: Article

SOURCE: Scopus

Maderich, V., Konstantinov, S.

Seasonal dynamics of the system sea-strait: Black Sea-Bosphorus case study

(2002) *Estuarine, Coastal and Shelf Science*, 55 (2), pp. 183-196. Cited 2 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036668975&doi=10.1006%2fecss.2001.0895&partnerID=40&md5=e18d23baa767c7fea36a90f37a877410>

DOI: 10.1006/ecss.2001.0895

DOCUMENT TYPE: Article

SOURCE: Scopus

Staneva, J.V., Stanev, E.V.

Water mass formation in the Black Sea during 1991-1995

(2002) *Journal of Marine Systems*, 32 (1-3), pp. 199-218. Cited 10 times.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036254244&doi=10.1016%2fS0924-7963%2802%2900038-6&partnerID=40&md5=504f7ca5520edb82e26b4b1c9f8468b7>

DOI: 10.1016/S0924-7963(02)00038-6

DOCUMENT TYPE: Article

SOURCE: Scopus

Demyshev, S.G., Knysh, V.V., Korotaev, G.K.
Numerical simulation of the seasonal variability of hydrophysical fields in the Black Sea
(2002) *Physical Oceanography*, 12 (3), pp. 126-141.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846837608&doi=10.1023%2fA%3a1015721103491&partnerID=40&md5=9a6f50644dffc22e3fbac297abe9ef60>

DOI: 10.1023/A:1015721103491

DOCUMENT TYPE: Article

SOURCE: Scopus

Lancelot, C., Staneva, J., Van Eeckhout, D., Beckers, J.-M., Stanev, E.
Modelling the Danube-influenced north-western continental shelf of the Black Sea. II: Ecosystem response to changes in nutrient delivery by the Danube River after its damming in 1972
(2002) *Estuarine, Coastal and Shelf Science*, 54 (3), pp. 473-499. Cited 59 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036522603&doi=10.1006%2fecss.2000.0659&partnerID=40&md5=1cb5408289bcc68d94af914e7629f3d7>

DOI: 10.1006/ecss.2000.0659

DOCUMENT TYPE: Article

SOURCE: Scopus

Özsoy, E., Rank, D., Salihoglu, I.
Pycnocline and deep mixing in the Black Sea: Stable isotope and transient tracer measurements
(2002) *Estuarine, Coastal and Shelf Science*, 54 (3), pp. 621-629. Cited 18 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036522597&doi=10.1006%2fecss.2000.0669&partnerID=40&md5=fbc077d1c4e1c65ef84cd517188917d7>

DOI: 10.1006/ecss.2000.0669

DOCUMENT TYPE: Article

SOURCE: Scopus

Lancelot, C., Martin, J.-M., Panin, N., Zaitsev, Y.
The north-western Black Sea: A pilot site to understand the complex interaction between human activities and the coastal environment
(2002) *Estuarine, Coastal and Shelf Science*, 54 (3), pp. 279-283. Cited 38 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036522657&doi=10.1006%2fecss.2000.0647&partnerID=40&md5=a34923a07e8fad8ed27c6535207d9fea>

DOI: 10.1006/ecss.2000.0647

DOCUMENT TYPE: Article

SOURCE: Scopus

Garnier, J., Billen, G., Hannon, E., Fonbonne, S., Videnina, Y., Soulie, M.
Modelling the transfer and retention of nutrients in the drainage network of the Danube river
(2002) *Estuarine, Coastal and Shelf Science*, 54 (3), pp. 285-308. Cited 110 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036522593&doi=10.1006%2fecss.2000.0648&partnerID=40&md5=4b50ce9c9213c8a81c5b39d9291a51d5>

DOI: 10.1006/ecss.2000.0648

DOCUMENT TYPE: Article

SOURCE: Scopus

Knysh, V.V., Demyshev, S.G., Korotaev, G.K.
A procedure of reconstruction of the climatic seasonal circulation in the Black Sea based on the assimilation of hydrological data in the model
(2002) *Physical Oceanography*, 12 (2), pp. 88-103. Cited 1 time.

<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33846819010&doi=10.1023%2fA%3a1014869107470&partnerID=40&md5=0e7b97330d1c4a88b2226db5133234d4>

DOI: 10.1023/A:1014869107470

DOCUMENT TYPE: Article

SOURCE: Scopus

Friedrich, J., Dinkel, C., Friedl, G., Pimenov, N., Wijsman, J., Gomoiu, M.-T., Cociasu, A., Popa, L., Wehrli, B. Benthic nutrient cycling and diagenetic pathways in the north-western Black Sea (2002) *Estuarine, Coastal and Shelf Science*, 54 (3), pp. 369-383. Cited 55 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036522658&doi=10.1006%2fecss.2000.0653&partnerID=40&md5=314579a099eba9f3bd2a07235d6d8e1f>

DOI: 10.1006/ecss.2000.0653

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Beckers, J.M., Lancelot, C., Staneva, J.V., Le Traon, P.Y., Peneva, E.L., Gregoire, M. Coastal-open ocean exchange in the Black Sea: Observations and modelling (2002) *Estuarine, Coastal and Shelf Science*, 54 (3), pp. 601-620. Cited 24 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036522541&doi=10.1006%2fecss.2000.0668&partnerID=40&md5=41f78fd93ccabe111eca7a3ce24a5127>

DOI: 10.1006/ecss.2000.0668

DOCUMENT TYPE: Article

SOURCE: Scopus

Beckers, J.M., Gregoire, M., Nihoul, J.C.J., Stanev, E., Staneva, J., Lancelot, C. Modelling the Danube-influenced north-western continental shelf of the Black Sea. I: Hydrodynamical processes simulated by 3-D and box models (2002) *Estuarine, Coastal and Shelf Science*, 54 (3), pp. 453-472. Cited 28 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036522543&doi=10.1006%2fecss.2000.0658&partnerID=40&md5=f4db92bd3ef70c23ae04bbdb319daaa7>

DOI: 10.1006/ecss.2000.0658

DOCUMENT TYPE: Article

SOURCE: Scopus

Matishov, G.G., Matishov, D.G., Namjatov, A.A., Carroll, J., Dahle, S. Artificial radionuclides in sediments of the Don River Estuary and Azov Sea (2002) *Journal of Environmental Radioactivity*, 59 (3), pp. 309-327. Cited 7 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0036160411&doi=10.1016%2fS0265-931X%2801%2900081-9&partnerID=40&md5=9b029dee263803b2d3370427d20d5eba>

DOI: 10.1016/S0265-931X(01)00081-9

DOCUMENT TYPE: Article

SOURCE: Scopus

Staneva, J.V., Dietrich, D.E., Stanev, E.V., Bowman, M.J. Rim Current and coastal eddy mechanisms in an eddy-resolving Black Sea general circulation model (2001) *Journal of Marine Systems*, 31 (1-3), pp. 137-157. Cited 65 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035662132&doi=10.1016%2fS0924-7963%2801%2900050-1&partnerID=40&md5=58c9e3802c0691f1f3972e1828085f26>

DOI: 10.1016/S0924-7963(01)00050-1

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Peneva, E.L.

Regional sea level response to global climatic change: Black Sea examples
(2001) *Global and Planetary Change*, 32 (1), pp. 33-47. Cited 69 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035702698&doi=10.1016%2fS0921-8181%2801%2900148-5&partnerID=40&md5=e542e233e944a0c9a1cae3077254af01>

DOI: 10.1016/S0921-8181(01)00148-5
DOCUMENT TYPE: Conference Paper
SOURCE: Scopus

Knysh, V.V., Demyshev, S.G., Korotaev, G.K., Sarkisyan, A.S.
Four-dimensional climate of seasonal Black Sea circulation
(2001) *Russian Journal of Numerical Analysis and Mathematical Modelling*, 16 (5), pp. 409-426. Cited 8 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0012674340&partnerID=40&md5=c7cfba138d6ac8e48f16e39f93482ca7>

DOCUMENT TYPE: Article
SOURCE: Scopus

Sokolova, E., Stanev, E.V., Yakubenko, V., Ovchinnikov, I., Kos'yan, R.
Synoptic variability in the Black Sea. Analysis of hydrographic survey and altimeter data
(2001) *Journal of Marine Systems*, 31 (1-3), pp. 45-63. Cited 10 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035661774&doi=10.1016%2fS0924-7963%2801%2900046-X&partnerID=40&md5=374ed211a33d8158a21813809eb2a325>

DOI: 10.1016/S0924-7963(01)00046-X
DOCUMENT TYPE: Article
SOURCE: Scopus

Özsoy, E., Di Iorio, D., Gregg, M.C., Backhaus, J.O.
Mixing in the Bosphorus Strait and the Black Sea continental shelf: Observations and a model of the dense water outflow
(2001) *Journal of Marine Systems*, 31 (1-3), pp. 99-135. Cited 47 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035658428&doi=10.1016%2fS0924-7963%2801%2900049-5&partnerID=40&md5=024792b12612bd6b0bc7fd5dcb76c202>

DOI: 10.1016/S0924-7963(01)00049-5
DOCUMENT TYPE: Article
SOURCE: Scopus

Grégoire, M., Lacroix, G.
Study of the oxygen budget of the Black Sea waters using a 3D coupled hydrodynamical-biogeochemical model
(2001) *Journal of Marine Systems*, 31 (1-3), pp. 175-202. Cited 15 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035668771&doi=10.1016%2fS0924-7963%2801%2900052-5&partnerID=40&md5=3542864b6cec7ad09d7f6756459d9d7b>

DOI: 10.1016/S0924-7963(01)00052-5
DOCUMENT TYPE: Article
SOURCE: Scopus

Schrump, C., Staneva, J., Stanev, E., Özsoy, E.
Air-sea exchange in the Black Sea estimated from atmospheric analysis for the period 1979-1993
(2001) *Journal of Marine Systems*, 31 (1-3), pp. 3-19. Cited 16 times.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035664860&doi=10.1016%2fS0924-7963%2801%2900043-4&partnerID=40&md5=ffcb4894bad441cfdff79d9ee47d1a82>

DOI: 10.1016/S0924-7963(01)00043-4
DOCUMENT TYPE: Review
SOURCE: Scopus

Kordzadze, A.A., Girgvliani, A.G.

Parameterization of the Coriolis force in a numerical model of the seasonal evolution of the hydrodynamics of the Black Sea

(2001) *Oceanology*, 41 (6), pp. 791-798.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035497881&partnerID=40&md5=22d095d459366aeb1c6d44451976ab30)

[0035497881&partnerID=40&md5=22d095d459366aeb1c6d44451976ab30](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035497881&partnerID=40&md5=22d095d459366aeb1c6d44451976ab30)

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Staneva, J.V.

The sensitivity of the heat exchange at sea surface to meso and sub-basin scale eddies model study for the Black Sea

(2001) *Dynamics of Atmospheres and Oceans*, 33 (3), pp. 163-189. Cited 16 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035124059&doi=10.1016%2fS0377-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035124059&doi=10.1016%2fS0377-0265%2800%2900063-4&partnerID=40&md5=482e93fa811a6dd7cac877260ff7a3af)

[0265%2800%2900063-4&partnerID=40&md5=482e93fa811a6dd7cac877260ff7a3af](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035124059&doi=10.1016%2fS0377-0265%2800%2900063-4&partnerID=40&md5=482e93fa811a6dd7cac877260ff7a3af)

DOI: 10.1016/S0377-0265(00)00063-4

DOCUMENT TYPE: Article

SOURCE: Scopus

England, M.H., Maier-Reimer, E.

Using Chemical Tracers to Assess Ocean Models

(2001) *Reviews of Geophysics*, 39 (1), pp. 29-70. Cited 85 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035057583&doi=10.1029%2f1998RG000043&partnerID=40&md5=829cf97dfef098a8916d49392fd6ad91)

[0035057583&doi=10.1029%2f1998RG000043&partnerID=40&md5=829cf97dfef098a8916d49392fd6ad91](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035057583&doi=10.1029%2f1998RG000043&partnerID=40&md5=829cf97dfef098a8916d49392fd6ad91)

DOI: 10.1029/1998RG000043

DOCUMENT TYPE: Article

SOURCE: Scopus

Kourafalou, V.H., Stanev, E.V.

Modeling the impact of atmospheric and terrestrial inputs on the Black Sea coastal dynamics

(2001) *Annales Geophysicae*, 19 (2), pp. 245-256. Cited 9 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035584802&partnerID=40&md5=0206954369693796d176f86033c9aa28)

[0035584802&partnerID=40&md5=0206954369693796d176f86033c9aa28](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035584802&partnerID=40&md5=0206954369693796d176f86033c9aa28)

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Simeonov, J.A., Peneva, E.L.

Ventilation of Black Sea pycnocline by the Mediterranean plume

(2001) *Journal of Marine Systems*, 31 (1-3), pp. 77-97. Cited 15 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035665433&doi=10.1016%2fS0924-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035665433&doi=10.1016%2fS0924-7963%2801%2900048-3&partnerID=40&md5=861eb5f0c2e2606ccb2c85440585ee44)

[7963%2801%2900048-3&partnerID=40&md5=861eb5f0c2e2606ccb2c85440585ee44](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035665433&doi=10.1016%2fS0924-7963%2801%2900048-3&partnerID=40&md5=861eb5f0c2e2606ccb2c85440585ee44)

DOI: 10.1016/S0924-7963(01)00048-3

DOCUMENT TYPE: Article

SOURCE: Scopus

Saenko, O.A., Knysh, V.V., Korotaev, G.K.

Reconstruction of the seasonal climate of the Black Sea on the basis of available hydrological data

(2000) *Physical Oceanography*, 11 (1), pp. 23-46.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034448066&partnerID=40&md5=0fbdeb124ca0fd91ca12214a864c0cd0)

[0034448066&partnerID=40&md5=0fbdeb124ca0fd91ca12214a864c0cd0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034448066&partnerID=40&md5=0fbdeb124ca0fd91ca12214a864c0cd0)

DOCUMENT TYPE: Article

SOURCE: Scopus

Shapiro, N.B.

Formation of a circulation in the quasiisopycnic model of the Black Sea taking into account the stochastic nature of the wind stress

(2000) *Physical Oceanography*, 10 (6), pp. 513-531. Cited 3 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034543328&partnerID=40&md5=4f0bae6413fc588a8133b731e0b8a864)

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DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Le Traon, P.-Y., Peneva, E.L.

Sea level variations and their dependency on meteorological and hydrological forcing: Analysis of altimeter and surface data for the Black Sea

(2000) *Journal of Geophysical Research: Oceans*, 105 (C7), art. no. 1999JC900318, pp. 17203-17216. Cited 49 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033665194&partnerID=40&md5=5432e862835fdc49991cc562d39a4f23)

[0033665194&partnerID=40&md5=5432e862835fdc49991cc562d39a4f23](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033665194&partnerID=40&md5=5432e862835fdc49991cc562d39a4f23)

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Staneva, J.V.

The impact of the baroclinic eddies and basin oscillations on the transitions between different quasi-stable states of the Black Sea circulation

(2000) *Journal of Marine Systems*, 24 (1-2), pp. 3-26. Cited 22 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034098599&doi=10.1016%2fS0924-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034098599&doi=10.1016%2fS0924-7963%2899%2900076-7&partnerID=40&md5=b6595f7f6f0a8ee620ea51ce5135bacb)

[7963%2899%2900076-7&partnerID=40&md5=b6595f7f6f0a8ee620ea51ce5135bacb](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034098599&doi=10.1016%2fS0924-7963%2899%2900076-7&partnerID=40&md5=b6595f7f6f0a8ee620ea51ce5135bacb)

DOI: 10.1016/S0924-7963(99)00076-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Beckers, J.-M.

Numerical simulations of seasonal and interannual variability of the Black Sea thermohaline circulation

(1999) *Journal of Marine Systems*, 22 (4), pp. 241-267. Cited 23 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032694666&doi=10.1016%2fS0924-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032694666&doi=10.1016%2fS0924-7963%2899%2900043-3&partnerID=40&md5=75e7ff67c6c297cfa1fb4dfcb0e80fce)

[7963%2899%2900043-3&partnerID=40&md5=75e7ff67c6c297cfa1fb4dfcb0e80fce](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032694666&doi=10.1016%2fS0924-7963%2899%2900043-3&partnerID=40&md5=75e7ff67c6c297cfa1fb4dfcb0e80fce)

DOI: 10.1016/S0924-7963(99)00043-3

DOCUMENT TYPE: Article

SOURCE: Scopus

Trukhchev, D.I., Ivanov, D.V., Ibraev, R.A.

Current diagnosis over the "Diffuziya-84" test area at the western shelf of the Black Sea

(1999) *Oceanology*, 39 (4), pp. 474-482.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040628117&partnerID=40&md5=a7ef9d246b2dc143b374bd7f36ae9cc4)

[0040628117&partnerID=40&md5=a7ef9d246b2dc143b374bd7f36ae9cc4](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0040628117&partnerID=40&md5=a7ef9d246b2dc143b374bd7f36ae9cc4)

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Rachev, N.H.

Numerical study on the planetary Rossby modes in the Black Sea

(1999) *Journal of Marine Systems*, 21 (1-4), pp. 283-306. Cited 12 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032881870&doi=10.1016%2fS0924-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032881870&doi=10.1016%2fS0924-7963%2899%2900019-6&partnerID=40&md5=84b2d263ab97a919b7a059872489ccf0)

[7963%2899%2900019-6&partnerID=40&md5=84b2d263ab97a919b7a059872489ccf0](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032881870&doi=10.1016%2fS0924-7963%2899%2900019-6&partnerID=40&md5=84b2d263ab97a919b7a059872489ccf0)

DOI: 10.1016/S0924-7963(99)00019-6

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Staneva, J.V., Buesseler, K.O., Stanev, E.V., Livingston, H.D.

The application of radiotracers to a study of Black Sea circulation: Validation of numerical simulations against observed weapons testing and Chernobyl 137Cs data

(1999) Journal of Geophysical Research: Oceans, 104 (C5), art. no. 1998JC900121, pp. 11099-11114. Cited 15 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033562273&partnerID=40&md5=7d95b7347201d76b6c95f3527414c06d)

[0033562273&partnerID=40&md5=7d95b7347201d76b6c95f3527414c06d](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033562273&partnerID=40&md5=7d95b7347201d76b6c95f3527414c06d)

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Buesseler, K.O., Staneva, J.V., Livingston, H.D.

A comparison of modelled and measured Chernobyl 90Sr distributions in the Black Sea

(1999) Journal of Environmental Radioactivity, 43 (2), pp. 187-203. Cited 6 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033119741&doi=10.1016%2fS0265-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033119741&doi=10.1016%2fS0265-931X%2898%2900091-5&partnerID=40&md5=ad32ba0d47d4ae204ac52a1c3795f853)

[931X%2898%2900091-5&partnerID=40&md5=ad32ba0d47d4ae204ac52a1c3795f853](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0033119741&doi=10.1016%2fS0265-931X%2898%2900091-5&partnerID=40&md5=ad32ba0d47d4ae204ac52a1c3795f853)

DOI: 10.1016/S0265-931X(98)00091-5

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Beckers, J.M.

Barotropic and baroclinic oscillations in strongly stratified ocean basins numerical study of the Black Sea

(1999) Journal of Marine Systems, 19 (1-3), pp. 65-112. Cited 21 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032999697&doi=10.1016%2fS0924-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032999697&doi=10.1016%2fS0924-7963%2898%2900024-4&partnerID=40&md5=70014ac9a86309d4626a7c0d9b829fff)

[7963%2898%2900024-4&partnerID=40&md5=70014ac9a86309d4626a7c0d9b829fff](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032999697&doi=10.1016%2fS0924-7963%2898%2900024-4&partnerID=40&md5=70014ac9a86309d4626a7c0d9b829fff)

DOI: 10.1016/S0924-7963(98)00024-4

DOCUMENT TYPE: Article

SOURCE: Scopus

Staneva, J.V., Stanev, E.V.

Oceanic response to atmospheric forcing derived from different climatic data sets. Intercomparison study for the Black Sea

(1998) Oceanologica Acta, 21 (3), pp. 393-417. Cited 56 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032075808&doi=10.1016%2fS0399-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032075808&doi=10.1016%2fS0399-1784%2898%2980026-1&partnerID=40&md5=eef34a20aaf88163cad8b5c89137f297)

[1784%2898%2980026-1&partnerID=40&md5=eef34a20aaf88163cad8b5c89137f297](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032075808&doi=10.1016%2fS0399-1784%2898%2980026-1&partnerID=40&md5=eef34a20aaf88163cad8b5c89137f297)

DOI: 10.1016/S0399-1784(98)80026-1

DOCUMENT TYPE: Article

SOURCE: Scopus

Gulev, S.K.

Climatologically significant effects of space-time averaging in the North Atlantic sea-air heat flux fields

(1997) Journal of Climate, 10 (11), pp. 2743-2763. Cited 18 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031420762&partnerID=40&md5=60abf708e3922c75ed0737b76fbd5e98)

[0031420762&partnerID=40&md5=60abf708e3922c75ed0737b76fbd5e98](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031420762&partnerID=40&md5=60abf708e3922c75ed0737b76fbd5e98)

DOCUMENT TYPE: Article

SOURCE: Scopus

Stanev, E.V., Staneva, J.V., Roussenov, V.M.

On the Black Sea water mass formation. Model sensitivity study to atmospheric forcing and parameterizations of physical processes

(1997) Journal of Marine Systems, 13 (1-4), pp. 245-272. Cited 24 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030779558&doi=10.1016%2fS0924-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030779558&doi=10.1016%2fS0924-7963%2896%2900115-7&partnerID=40&md5=a0aeabdb2223c7063236b1e90eda6ba8)

[7963%2896%2900115-7&partnerID=40&md5=a0aeabdb2223c7063236b1e90eda6ba8](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0030779558&doi=10.1016%2fS0924-7963%2896%2900115-7&partnerID=40&md5=a0aeabdb2223c7063236b1e90eda6ba8)

DOI: 10.1016/S0924-7963(96)00115-7

DOCUMENT TYPE: Article

SOURCE: Scopus

Rachev, N.H., Stanev, E.V.

Eddy processes in semienclosed seas: A case study for the Black Sea

(1997) *Journal of Physical Oceanography*, 27 (8), pp. 1581-1601. Cited 23 times.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031423099&partnerID=40&md5=86dd907310d254b3b69b0d72b193b493)

[0031423099&partnerID=40&md5=86dd907310d254b3b69b0d72b193b493](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0031423099&partnerID=40&md5=86dd907310d254b3b69b0d72b193b493)

DOCUMENT TYPE: Article

SOURCE: Scopus

ДИПЛОМА

ЗА ОБРАЗОВАТЕЛНА И НАУЧНА СТЕПЕН
ДОКТОР

№ 25896

СОФИЯ 25.01. 19.99 г.

РЕПУБЛИКА БЪЛГАРИЯ
МИНИСТЕРСКИ СЪВЕТ
ВИСША АТЕСТАЦИОННА КОМИСИЯ

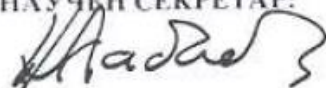
ВИСШАТА АТЕСТАЦИОННА КОМИСИЯ
ДАДЕ на ИОАНА ВАЛЕНТИНОВА СТАНЕВА
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ОБРАЗОВАТЕЛНАТА И НАУЧНА СТЕПЕН

ДОКТОР

протокол 06

НАУЧЕН СЕКРЕТАР:



17.11.79 98 г.

ПРЕДСЕДАТЕЛ:



TRANSLATION IN ENGLISH
DIPLOMA
FOR SCIENTIFIC AND EDUCATIONAL DEGREE

No: 25986

PhD
Sofia

Date: 25. 01. 1999

REPUBLIC OF BULGARIA
MINISTRY COUNCIL
HIGHER ATTESTATION COMMISSION

HIGHER ATTESTATION COMMISSION

Awarded Joanna Valentinova Staneva

Born on 26.02.1970 in Sofia
the scientific and educational degree
PhD

Commission 06, Record No 15 from 17.11.1998

Signed: Scientific secretary President
Stamp: Ministry Council, Higher Attestation Commission

ЕГН 7002267318

ДОПЪЛНИТЕЛНО СПОРАЗУМЕНИЕ КЪМ ТРУДОВ ДОГОВОР № 124 / 2002 г.

Днес, 01.01.2017 г. в гр. София на основание чл. 67 ал. т. от
Кодекса на труда и молба вх. № 13-52 / 12.01.2017 г. предприятието,
представлявано от директора Божил Добрев Добрев и
лицето ЙОАННА ВАЛЕНТИНОВА СТАНЕВА наричан работник,
с адрес гр. София, ул. "Едисон" № 32, дом.
тел. , образование висше и специалност (по документ)
физика, с трудов стаж 21 г. 7 мес. дни,
пенсиониран с решение № .

СЕ СПОРАЗУМЯХА ЗА СЛЕДНИТЕ ИЗМЕНЕНИЯ НА ТРУДОВИЯ ДОГОВОР:

1. Считано от 01.01.2017 г. до безсрочен
2. За работа по дог. № 1981 с р-тел проф. Емил Станев
3. От длъжност _____ на длъжност р-л проект
категория персонал код 12135046 факултет ФзФ
4. За 8-часов работен ден (пълно, непълно работно време)
5. За основно месечно (дневно) трудово възнаграждение 460.00 лв.
6. За допълнителните възнаграждения:
за продължителна работа _____ лв.
- _____ лв.
- _____ лв.
- Всичко 460.00 лв.
7. За другите условия по договора:
- а). възнаграждението е дължимо в рамките на наличните средства по договора;
- б). във възнаграждението са включени всички допълнителни възнаграждения.

Това допълнително споразумение се състави в три екземпляра — по един за всяка страна и касиера — и е неделима част от трудовия договор.

Съгласувано с:

Отг. счетоводител:

Работник:

Директор:

TRANSLATION IN ENGLISH

Sofia University "St. Kliment Ohridski"- Scientific Research Department
Personal number 7002267318

Additional agreement to the employment contract N 124/2002

Today, in Sofia, pursuant art. 67 p1.1 of the Labour Code, and a letter with incoming number 13-52-/12.01.2017

The enterprise presented by **Bojil Dobrev Dobrev** and **Joanna Valentinova Staneva**, nominated further as Employee,
permanent address: Sofia 1504, 32, Edison Str
education: high MSc. in Physics
time of service 21 years 7 months

AGREED TO THIS MODIFICATION OF THE EMPLOYMENT CONTRACT:

1. From 1.01.2017 until undetermined
2. To be assigned to work on the project N 1981 with project leader Emil Stanev
3. The position is from to project leader
personnel category code 12135046 in Faculty of Physics
4. Working hours per day: 8 hours
5. The basic monthly remuneration is 460 BGN
6. Additional remuneration
Total: 460.00 BGN
7. Other condition of agreement:
 - a) The remuneration is conditional depending on the available funds in the project.
 - b) The basic remuneration includes the additional remuneration

The current additional agreement is released in 3 copies, for each party and the cashier, and is bound to the employment contract .

Signed: Head accountant

Signed: Employee and Director

Stamp: Sofia University "St. Kliment Ohridski"- Scientific Research
Department