APPENDIX

Curriculum Vitae

Position in the project: member of the research team

PERSONAL INFORMATION

Prof. Dr. Emil Vassilev Stanev

Edison Street 32, 1111 Sofia, Bulgaria

no 00359-877015889

emil.stanev@hzg.de

Sex Male | Date of birth 06/01/1950 | Nationality Bulgarian

WORK EXPERIENCE

01.11.07-present

Head of Department

Institute of Coastal research, Helmholtz-Zentrum Geesthacht
Zentrum für Material- und Küstenforschung GmbH, Max-Planck-Straße 1, D-21502 Geesthacht

Head of Department Data Analysis and Data Assimilation

Business or sector High education and research

01.11.07-present

Professor in Coastal Oceanography

University of Oldenburg, Institute for Chemistry and Biology of the Marine Environment (ICBM)
PO Box 2503
D-26111 Oldenburg, Germany

Working Group leader

Business or sector High education and research

15.10.06-31.10.07

Lecturer

University of Ulster, UK

School of Environmental Sciences, Ulster University, Coleraine, BT52 1SA, Northern Ireland

Teaching and research

Business or sector High education and research

01.06.00-15.10.06

Research Scientist and Privatdozent

Institute for Chemistry and Biology of the Sea, ICBM, University of Oldenburg, Postfach 2503, D-26111 Oldenburg, Germany

Teaching and research

Business or sector High education and research

23.03.96-01.11.07

Professor for Physical Oceanography

University of Sofia

1164, Sofia, 5 James Bourchier Blvd.,

Teaching and research; since 01.11.07, leave of absence; since 08.04.2015 Professor at the Research Department of University.

Business or sector High education and research

1987-1996

Associate Professor for Physical Oceanography

University of Sofia

1164, Sofia, 5 James Bourchier Blvd.,

Teaching and research

Business or sector High education and research

1977-1987

Research assistant

University of Sofia

1164, Sofia, 5 James Bourchier Blvd.,

Teaching and research

Business or sector High education and research

EDUCATION AND TRAINING

Since 20.01.92

Doctor of Physics

University of Sofia

- Thesis: "On the dynamics of semi-enclosed seas"

1974-1977

PhD

University of Sofia

- Thesis: "On the joint effect of baroclinicity, bottom relief, and turbulence on the ocean circulation"

1967-1972

Masters in Physics with Specialization in Meteorology

University of Sofia

- MSc Thesis: "Rossby waves in the ionosphere"

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Bulgarian	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2

English	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2
German	C1/C2	C1/C2	B1/B2	B1/B2	B1/B2
French	C1/C2	C1/C2	B1/B2	B1/B2	B1/B2
Russian	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills
- good communication skills gained through my experience as University Professor

Organisational / managerial skills
- leadership (currently responsible for a team of 15 people, including PhD students)

Job-related skills
- good evaluators' skill (EU, NSF, DFG), editor of two international Journals and referee of projects and papers, management bord and advisors' groups member.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER	PROFICIENT USER

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software gained as an amateur photographer
- FORTRAN, UNIX

Other skills
-

Driving license
- B

ADDITIONAL INFORMATION

I agree to take part in activities of the present project Sustained management of the marine ecosystem and resources

Signature: 

Place, Date: Lubneburg, 10.01.2017

Honours:

Alexander von Humboldt-Fellow (1986-1988)
ONRIFO scholarship in NRL-Stennis Space Centre, NCAR/University of Boulder, Woods Hole, University of Harvard (1994)
University of Washington scholarship (2000)
ONRIFO scholarship in NRL-Stennis Space Centre (2004)

Memberships:

since 2015 Copernicus Marine Environment Monitoring Service (CMEMS) Science and Technology Advisory Committee (STAC)
since 2013 EuroGOOS Coastal Ocean and Shelf Seas Modelling Working Group Member
since 2012 EuroGOOS Science Advisory Working Group Member
since 2012 GODAE Ocean view COSS-TT Member
since 2011 Editor of Ocean Dynamics
2011-2014 Euroargo (Management Board member)
since 2009 Member of MyOcean Scientific Advisory Committee
2008-2011 Leader of the Program “Ocean and Coasts” of HGF Network EOS
since 1999 Editor of Ocean Modelling
1995-2000 Expert of the Earth Science Committee of the Bulgarian Science Fund
1994-1998 Editor of Bulgarian Journal of Meteorology and Hydrology
1990-1991 Visiting Professor, University of Liege, Belgium and CNR, Italy
1982-1986 Vice-president of the Science Department of the University of Sofia

International projects:

Coordinator and WP leader in more than 20 EU and other international projects (Recent most projects: MyOcean-FO (EU), „Coastal ocean darkening – Light availability in the past and future marine environment“ (MWK, Lower Saxony); „Macroplastics Pollution in the Southern North Sea - Sources, Pathways and Abatement Strategies“; (MWK, Lower Saxony).

Publications:

See annexes

Books:

Stanev, E. V., D. I. Trukhchev, and V. M. Roussenov (1988). The Black Sea circulation and numerical modeling of the Black Sea currents. Sofia University Press, 240 pp. (in Russian).
Stanev, E. V. (1988). Numerical study on the Black Sea circulation. Mitteilungen des Instituts für Meereskunde der Universität, Hamburg, 28, 232 pp.

University Textbooks:

Stanev, E. V. (1980). Physical Oceanography, Sofia University Press, 413 pp. (In Bulgarian)
Stanev, E. V. (1988). Ocean Physics, Narodna prosveta Press, Sofia, 191 pp. (In Bulgarian)
Stanev, E. V. (1990). Physique de l'ocean, Institut de reshershes marines et d'interactions air-mer, Liege, 216 pp (In French).

ANNEXES

Publications:

1. Stanev, E. V. (1973) Linear and non-linear equations describing Rossby waves and their solutions. Hydrol. and Meteorol. 12, 67-74 (in Russian).
2. Panchev, S. and E. V. Stanev (1975) On the existence of Rossby waves in the ionosphere. Bulg. Geophys. J., 1, 26-32, (in Russian).
3. Stanev, E. V. (1976) On the vertical diffusion of density in great ocean depth. Comptes Rendus de l’Academie bulgare de Sciences, 29, 8, 1129-1131.
4. Панчев, С. и Е. В. Станев (1976) Определение поля плотности в горизонтал?но-баротропн?м океане. Бълг. Геофиз. Сп., 2, 47-53.
5. Станев, Е. В (1976). О баротропн?йх моделях океана. Бълг. Геофиз. Сп., 2, 54-60.
6. Stanev, E. V., and S. Panchev (1977) Bottom boundary layer over variable topography. Bulg. Geophys. J., 3, 47-54, (in Russian).
7. Panchev, S., and E. V. Stanev (1977) Vertical motions in the atmospheric planetary boundary layer induced by orography and turbulence. Meteorologiya i Hidrologiya, 4, 29-34, (in Russian).
8. Станев, Е. В. (1978) О влиянии придонного пограничного слоя на океаническую циркуляцию. В: Исследования по динамике вод и гидрохими черного моря. Част I., Москва, 157-167.
9. Stanev, E. V. (1979) Estimation of the influence of bottom boundary layer on the ocean circulation. Oceanologiya, 19, 213-220, (in Russian).
10. Станев, Е. В. и В. Николов (1979) О в?боре конечно разностн?х схем для расчета циркуляции в Черном море и некотор?е резул?тати?. Бълг. Геофиз. Сп., 5, 18-23.
11. Станев, Е. В. (1980). Числено моделиране на някои хидрофизични полета в Черно море. Annuaire de l’Universite de Sofia “Kliment Ohridski”, 72-73,

171-182.
12. Stanev, E. V., E. H. Donev, and T. Z. Dzioev (1980) On the impact of turbulence and bottom relief on the Black Sea currents, Meteorologiya i Hidrologiya, 1, 69-76, (in Russian).
13. Станев, Е. В. (1980) О процессах распространения примесей в Черном море. Бълг. Геофиз. Сп., 4, 25-31.
14. Станев, Е. В. и Д. Трухчев (1980) За структурата на полето на теченията в западната част на Черно море. Диагностични пресмятания. Бълг. Геофиз. Сп., 4, 65-71.
15. Станев, Е. В. и С. Панчев (1981) Численное моделирование распространения примесей в Черном море. Двумерная модел?. Бълг. Геофиз. Сп., 7, 62-69.
16. Stanev, E. V. (1981). Vertical motions over variable relief induced by non-stationary turbulent flow. Atmos. Ocean Phys., 11, 1212-1216, (in Russian).
17. Trukhchev, D., and E. V. Stanev (1983) Numerical model of sea currents in the western part of Black Sea. Oceanologiya, 23, 1, 17-22, (in Russian).
18. Stanev, E. V., and V. Russenov (1983) A numerical tracer diffusion model of shallow bay. Bulg. Geoph. J., 4, 67-79, (in Russian).
19. Станев, Е. В. (1984) Влияние ветра на поле течений в Черном море и в районе Болгарского побереж?я. Бълг. Геофиз. Сп., 10(1), 35-42.
20. Станев, Е. В. (1984) О поля течений Черного моря в зимний сезон. Диагностические расчет?. Бълг. Геофиз. Сп., 10(2), 46-52.
21. Станев, Е. В., и В. М. Русенов (1985) Численное иследование сезонной изменчивости морских течений. В: А. Изра?л? (изд.) Комплексх?й Глобал?н?й Мониторинг Мирового Океана, т. 3, 120-129, Ленинград, Гидрометеоиздат.
22. Trukhchev, D., E. V. Stanev, G. D. Balashov, G. D. Miloshev, and V. M. Roussenov (1985) Some singularities of meso-scale structure of hydrological fields in the western part of the Black Sea. Oceanologiya, 25, 4, 572-577, (in Russian).
23. Stanev, E. V., L. I. Milenova, V. M. Roussenov, and E. K. Roumenina (1986) On the remote sensing and numerical model results concerning western Black Sea dynamics. Ocean Modelling, 64, 13-15.
24. Stanev, E. V., L. I. Milenova, V. M. Roussenov, and E. K. Roumenina (1986) Dynamics of the western Black Sea: Remote sensing and modeling. Issledowania Zemli iz kosmossa (Moscow), 1, 26-31, (in Russian).
25. Roussenov, V., and E. V. Stanev (1986) Two-dimensional numerical model of wind driven circulation in the Burgas Bay. Bulg. Geoph. J. 12(2), 106-113.
26. Stanev, E. V. (1986) On the determination of the depth of coexistence of hydrogen sulphide and oxygen in the Black Sea, Oceanologiya, 26, 439-445, (in Russian).
27. Blatov, A., S., A. N. Kosarev, and E. V. Stanev (1987) Numerical experiments on retrieval of hydrological fields in the deep Black Sea. Meteorologiya i Hidrologiya, 7, 87-94, (in Russian).
28. Stanev, E. V. (1987) One-dimensional model of oxygen and hydrogen sulphide propagation in the Black Sea, Marine Hydroph. J. (Sevastopol), 3, 35-40, (in Russian).
29. Станев, Е. В., и Д. И. Трухчев (1988) Численная модель Распространения кислорода и сероводорода в Черном море. Океанология, 28, 387-392.
30. Friedrich, H. J., and E. V. Stanev (1988) Parameterization of the vertical diffusion in a numerical model of the Black Sea. In: Small-scale turbulence and mixing in the ocean. J. C. J. Nihoul and B. M. Jamart (editors), Elsevier, 151-167.
31. Stanev, E. V. (1989) Numerical modelling of the circulation and hydrogen sulphide and oxygen distribution in the Black Sea. Deep-Sea Res., 36, 1053-1065.
32. Stanev, E. V., Friedrich, H. J., and S. V. Botev (1989) On the seasonal response of intermediate and deep water to surface forcing in the Mediterranean Sea. Oceanologica Acta, 12 (2), 141-149.
33. Stanev, E. V. (1989) On the response of the Black Sea eddy field to seasonal forcing. In: Mesoscale/Synoptic coherent structures in geophysical turbulence. J. C. J. Nihoul and B. M. Jamart (editors), Elsevier, 423-433.
34. Stanev, E. V. (1990) On the mechanisms of the Black Sea circulation. Earth-Science Rev., 28, 285-319.
35.Stanev, E. V. (1990) The general circulation of the Black Sea: An indicator of climatic changes. Part I. The numerical model. Bulg. J. Meteorology and Hydrology, 1, 3-4, 180-189.
36.Stanev, E. V. (1990) The General circulation of the Black Sea: an indicator of climatic changes. Part II. Model sensitivity studies to different forcing, Bulg. J. Meteorology and Hydrology, 1, 3-4, 201-211.
37. Миленова, Л. И., и Е. В. Станев (1991) Исследования мезомасштабныіх процессов Черного моря при помощи космическьіь изображений. В Аерокосмически изследвания в България, БАН, 39-45.
38. Мишев, Д. Н., Е. В. Станев, Л. И. Миленова, и Н. Х. Рачев (1991) Анализ солености на поверхности западной части Черного моря на основе судов?х и дистанционн?ь данн?х. В: Аерокосмически изследвания в България, БАН, 44-51.
39.Stanev, E. V., and H. J. Friedrich (1991) On the assimilation of climatological data by means of numerical circulation models, exemplified for the Mediterranean Sea. Oceanol. Acta, 14, 97-114.
40. Stanev, E. V., and J.-M. Beckers (1991) Mean fluxes across sections in the Mediterranean Sea derived from GCM results. J. Mar. Sys., 1, 343-357.
41. Rachev, N. H., Roussenov, V. M., and Stanev, E. V. (1991) The Black Sea climatological wind stress, Bulg. J. Meteorol. and Hydrol. 2, 72-79.
42. Unluata, U., T. Oguz, and E. V. Stanev (1991) Working group report on the coastal and open sea dynamics and transport. In: IOC International Workshop on the Black Sea, 9-18.
43. Stanev, E. V., and H. J. Friedrich (1991) On the energetics of general circulation model for the Mediterranean Sea. Bulg. J. of Meteorology and Hydrology, 1, 3/4, 80-88.
44.Stanev, E. V. (1992) Numerical experiment on the spreading of Mediterranean water in the North Atlantic. Deep-Sea Res., 39, 1747-1766.
45. Stanev, E. V. (1994) Assimilation of sea surface temperature data in a numerical ocean circulation model. A study of the water mass formation. In: Data assimilation: Tools for modelling the ocean in a global change perspective. P. B. Brasseur and J. C. J. Nihoul, editors, NATO ASI Series, I, vol. 19, 33-57.
46. 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.
47.Roussenov, V., E. Stanev, V. Artale, and N. Pinardi (1995) A seasonal model of the Mediterranean Sea general circulation. J. Geoph. Res., 100, C7, 13515-13538.
48. 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.
Last paper before professorship
49 . Stanev, E. V. (1996) The vulnerable ecological system of the Black Sea. In: First Interparliamentary Conference of the Environmental Protection of the Black Sea, Istanbul, 10-12 July 1996, 16 pp.
50. Koleva, E. K., L. N. Krastev, E. L. Peneva, and E. V. Stanev (1996) Verification of high-resolution climatic simulations. Part I: The state of Bulgaria's climate 1960-1990. Bulg. J. Meteorol. and Hydrol., 7, 73-83.
51. Peneva, E. L., E. V. Stanev, E. K. Koleva, L. Krastev, and J. V. Staneva (1996) Verification of high-resolution climatic simulations. 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.
52. Pinardi, N., G. Kores, A. Lascaratos, V. Roussenov, and E. Stanev (1997) Numerical simulation of the interannual variability of the Mediterranean Sea upper ocean circulation. Geophysical Research Letters, 24,425-428.
53. 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 parameterization of physical processes. J. Mar. Sys.13, 245-272.
54. Rachev N. H., and E. V. Stanev (1997) Eddy processes in semi-enclosed seas. A case study for the Black Sea. J. Phys. Oceanogr., 27, 1581-1601.

55. Rachev, N. H., and Stanev, E. V. (1997) Eddy dynamics controlled by basin scale, coastline and topography. In E. Ozsoy and A. Mikaelyan (eds.), Sensitivity to change: Black Sea, Baltic Sea and North Sea, NATO ASI Series, Vol. 27, Kluwer Academic
Publishers, 341-364.
56. Staneva, J. V., and E. V. Stanev (1997) Cold water mass formation in the Black Sea. Analysis on numerical model simulations. In E. Ozsoy and A. Mikaelyan (eds.), Sensitivity to change: Black Sea, Baltic Sea and North Sea, NATO ASI Series, Vol. 27, Kluwer Academic Publishers, 375-393.
57. Simeonov, J., E. V. Stanev, J. Backhaus, J. Jungclaus, and V. Roussenov (1997) Heat and salt intrusions in the pycnocline from sinking plumes. Test case for the entrainment in the Black Sea. In E. Ozsoy and A. Mikaelyan (eds.), Sensitivity to change: Black Sea, Baltic Sea and North Sea, NATO ASI Series, Vol. 27, Kluwer Academic Publishers, 417-438.
58. Gregoire, M., J.-M. Beckers, J. C. J. Nihoul, and E. Stanev (1997) Coupled hydrodynamic ecosystem model of the Black Sea at basin scale. In E. Ozsoy and A. Mikaelyan (eds.), Sensitivity to change: Black Sea, Baltic Sea and North Sea, NATO ASI Series, Vol. 27, Kluwer Academic Publishers, 487-499.
59. Rachev, N. H., and E. V. Stanev (1998) Rossby modes in semienclosed basins. Their relevance to dissipation and mixing in the Black Sea. In: L. Ivanov and T. Oguz (eds.), Ecosystem modelling as a management tool for the Black Sea, Vol. 2, 163-177.
Kluwer academic publishers.
60. 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: L. Ivanov and T. Oguz (eds.), Ecosystem modelling as a management tool for the Black Sea, Vol. 2, 197-219.
Kluwer academic publishers.
61. Staneva J. V., E. V. Stanev, and T. Oguz (1998) The Impact of Atmospheric Forcing and Water Column Stratification on the Yearly Plankton Cycle. In: L. Ivanov and T. Oguz (eds.), Ecosystem modelling as a management tool for the Black Sea, Vol. 2, 301-322. Kluwer academic publishers.
62. Gregoire, M., J.-M. Beckers, J. C. J. Nihoul, and E. Stanev (1998) Simulation of the annual plankton productivity cycle in the Black Sea with a 3D high resolution interdisciplinary model. In: ECOMAS98, John Wiley & sons Ltd, 461-464.
63.Gregoire, M., J.-M. Beckers, J. C. J. Nihoul, and E. Stanev (1998) Reconnaissance of the main Black Sea ecohydrodynamics by means of a 3D interdisciplinary model. J. Mar. Sys., 16, 85-105.
64. 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, 393-417.
65.Gregoire, M., J.-M. Beckers, J. Nihoul, and E. Stanev (1998) Coupled 3D eddy-resolving general citculation model and ecosystem model applied to the Black Sea. First results. In: Oceanic fronts and related phenomena. Saint-Petersburg, Pushkin, 18-22 May 1998, 186-191 (Extended abstract).
66. Peneva, E. L., and E. V. Stanev (1998) Gravity currents over smooth and rough topography. Modelling study on the Mediterranean outflow in the Black Sea. In: Oceanic fronts and related phenomena. Saint-Petersburg, Pushkin, 18-22 May 1998, 410-415 (Extended abstract).
67. Stanev, E. V., and J. M. Beckers (1999a) Barotropic and baroclinic oscillations in strongly stratified ocean basins. Numerical study for the Black Sea. J. Mar. Sys., 19, 65-112.
68. Stanev, E. V., and J. M. Beckers (1999b) Numerical simulations of seasonal and interannual variability of the Black Sea thermohaline circulation. J. Mar. Sys., 22, 241-267.
69. Stanev, E. V., and N. H. Rachev (1999) Numerical study on the planetary Rossby waves in the Black Sea. J. Mar. Sys., 21, 283-306.
70. Stanev, E. V., K. O. Buesseler, J. V. Staneva, and H. D. Livingston (1999) A comparison of modelled and measured Chernobyl 90Sr distribution in the Black Sea. Journal of Envir. Radioactivity, 43,2, 187-203.
71. 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, C5, 11099-11114.
72. Станев, Е. В. (1999) Климатични и антропогенни фактори за еволюцията на черноморската екосистема. Списание на БАН, 1, 9-17.
73. Stanev, E. V., P. Y. Le Traon, and E. L. Peneva (2000) Sea level variations and their dependency on meteorological and hydrological forcing: Analysis of altimeter and surface data for the Black Sea. J. Geoph. Res., 105, C7, 17203-17216.
74. Stanev, E. V., and J. V. Staneva (2000) The impact of the baroclinic eddies and basin oscillations on the transitions between different quasi-stable states of the Black Sea circulation. J. Mar. Sys., 24, 3-26.
75. Schrum, C., J. V. Staneva, and E. V. Stanev (2001) Black Sea surface climatological data for the period 1979-1993. Berichte aus dem Zentrum fuer Meeres- und Klimafrschung. Reihe B: Oceanographie, 39, 74 pp.
76. Stanev, E, V, and J. V. Staneva (2001) The sensitivity of the heat exchange at sea surface to meso and sub-basin scale eddies. Model study for the Black Sea. Dyn. Atmos. and Oceans, 33, 163-189.
77. Kourafalou V. and E. V. Stanev (2001) Modelling the impact of atmospheric and terrestrial inputs on the Black Sea coastal dynamics. Annales Geophysicae, 19, 245-256.
78.Grégoire, M., and E. Stanev, 2001. Ventilation of Black Sea anoxic waters. J. Mar. Sys. 31, 1-2.
79. Schrum, C., J. Staneva, E. Stanev, and E. Özsoy (2001) Air-sea exchange in the Black Sea estimated from atmospheric analysis for the period 1979-1993. J. Mar. Sys., 31, 3-19.
80. Peneva, E., E. Stanev, V. Belokopytov, and P.-Y. Le Traon (2001) Water transport in the Bosphorus Straits estimated from hydro-meteorological and altimeter data: seasonal to decadal variability. J. Mar. Sys. 31, 21-33.
81. Sokolova, E., E. V. Stanev, V. Yakubenko, I. Ovchinnikov, and R. Kosyan (2001) Synoptic variability of the Black Sea. Analysis of hydrographic survey and altimeter data, J. Mar. Sys. 31, 45-63.
82. Stanev, E. V., J. A. Simeonov, and E. L. Peneva (2001) Ventilation of Black Sea pycnocline by the Mediterranean plume. J. Mar. Sys., 31, 77-97.
83. Staneva, J. V., 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.
84. Stanev, E. V., and E. L. Peneva (2002) Regional sea level response to global climatic change: Black Sea examples. Global and Planetary Change, 32, 33-47.
85. 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.
86. 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. II: Ecosystem response to changes in nutrient delivery by the Danube River after its damming in 1972. Estua. Coast and Shelf Sci., 54, 473-499.
87. Stanev, E. V., J. M. Beckers, C. 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.
88. Staneva, J. V., and E.V. Stanev (2002) Water mass formation in the Black Sea during 1991-1995. J. Mar. Sys., 32, 199-218.
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90. Stanev, E. V., G. Floeser, and J.-O. Wolff (2003c) First- and higher-order dynamical controls on water exchanges between tidal basins and the open ocean. A Case Study for the East Frisian Wadden Sea, Ocean Dynamics, 53, 146-165.
91 . Stanev, E. V., M. J. Bowman, E. L. Peneva, and J. V. Staneva (2003b) Control of Black Sea intermediate water mass formation by dynamics and topography: comparisons of numerical simulations, survey and satellite data. J. Mar. Res., 61, 59-99.
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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

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DOI: 10.1016/j.jmarsys.2017.01.016
DOCUMENT TYPE: Article
SOURCE: Scopus

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DOI: 10.1016/j.geomorph.2016.12.031
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Krien, Y., Testut, L., Islam, A.K.M.S., Bertin, X., Durand, F., Mayet, C., Tazkia, A.R., Becker, M., Calmant, S., Papa, F., Ballu, V., Shum, C.K., Khan, Z.H.
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МИНИСТЕРСКИ СЪВЕТ
ВИСША АТЕСТАЦИОННА КОМИСИЯ

ВИСШАТА АТЕСТАЦИОННА КОМИСИЯ

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ГЛАВЕН НАУЧЕН СЕКРЕТАР: ПРЕДСЕДАТЕЛ:

Министерски съвет на Република България Висша атестационна комисия

TRANSLATION IN ENGLISH

DIPLOMA

FOR DOCTOR OF SCIENCE

No: 21811 Sofia Date: 20. 01. 1992

PEOPLE"S REPUBLIC OF BULGARIA
MINISTRY COUNCIL
HIGHER ATTESTATION COMMISION

HIGHER ATTESTATION COMMISION

Awarded EMIL VASILEV STANEV

Born on 6.01.1950 in Sofia
the scientific degree
Doctor of Physics Science

Protocol 20, Record No 15 from 19.11.1991

Signed: Head Scientific secretary President
Stamp: Ministry Council, Higher Attestation Commission

ЕГН **5001066249**

ДОПЪЛНИТЕЛНО СПОРАЗУМЕНИЕ КЪМ ТРУДОВ ДОГОВОР № 3 / 2007г.

Днес, 01.05.2013 г. г. в гр. София на основание чл. 67 ал. 1 т. 1 от Кодекса на труда и молба вх. № 13-677 / 10.05.2013 г. предприятието, представлявано от директора Божил Добрев Добрев и лицето **ЕМИЛ ВАСИЛЕВ СТАНЕВ**, наричан работник, с адрес гр.София, ул.”Едисон” № 32, дом. тел. _____, образование висше и специалност (по документ) физика, с трудов стаж 37 г. 10 мес. _____ дни, пенсиониран с решение № _____.

СЕ СПОРАЗУМЯХА ЗА СЛЕДНИТЕ ИЗМЕНЕНИЯ НА ТРУДОВИЯ ДОГОВОР:

1. Считано от **01.05.2013 г.** до безсрочен
2. За работа по дог. № **3061(E-AIMS)** с р-тел проф. Емил Станев
3. От длъжност _____ на длъжност р-л проект
категория персонал код - 12135046 факултет Физически
4. За 8-часов работен ден (пълно, непълно работно време)
5. За основно месечно (дневно) трудово възнаграждение 1800.00 лв.
6. За допълнителните възнаграждения:
   - за продължителна работа 44,4 % 799,20 лв.
   - за доктор, дипл.№ 150.00 лв.
   - _____ _____ лв.

   Всичко 2749,20 лв.
7. За другите условия по договора:

а). **възнаграждението е дължимо в рамките на наличните средства по договора;**

б). _____

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 5001066249

Additional agreement to the employment contract N 3/2007
Today, in Sofia, pursuant art. 67 p1.1 of the Labour Code, and a letter with incoming number 13-677-/10.05.2013
The enterprise presented by **Bojil Dobrev Dobrev** and **Emil Vasilev Stanev**, nominated further as Employee,
permanent address: Sofia 1504, 32, Edison Str
education: high MSc. in Physics
time of service 37y 10m
AGREED TO THIS MODIFICATION OF THE EMPLOYMENT CONTRACT:
1. From 1.05.2013 until undetermined
2. To be assigned to work on the project N 3061 (E-AIMS) 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 1800 BGN
6. Additional remuneration
-acquired experience 44.4% per 31 years of service - 799.20 BGN.
- doctor degree - 150 BGN
Total: 2749.20 BGN
7. Other condition of agreement:
The remuneration is conditional depending on the available funds in the project.

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