ПРИЛОЖЕНИЕ

АВТОБИОГРАФИЯ

Позиция по проекта: член на научния екип

ЛИЧНА ИНФОРМАЦИЯ

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Физическа океанография, шифър на специалността „Физика на океана, атмосферата и околоземното пространство“ Заглавие на докторската дисертация: „Изменчивост на свободната повърхност и циркулацията на Черно море и обмена със Средиземно море“

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Физика- специализация „Метеорология“.

ЛИЧНИ УМЕНИЯ

Майчин език Български

Други езици

	РАЗБИРАНЕ		ГОВОРЕНЕ		ПИСАНЕ
	Слушане	Четене	Участие в разговор	Самостоятелно устно изложение	
Английски	C2	C2	C2	C2	C2
Италиански	C2	C2	C1	C1	C1
Руски	C2	C2	B2	B1	B1

Френски	B1	B2	A2	A2	A1

Ниво: A1/A2: Основно ниво на владеене - B1/B2: Самостоятелно ниво на владеене - C1/C2 Свободно ниво на владеене
Обща европейска езикова рамка

Комуникационни умения

Способност за работа в колектив, добри комуникационни умения, опит за работа в мултикултурална среда, придобита по време на работа със студенти и извън страната по научно изследователски проекти.

Организационни / управленски умения

Опит в ръководене на студенти по време на работата им над дипломни (10 години опит) и дисертационни работи (3 години опит); опит в организирането на работни семинари и конференции; ръководител в научно-изследователски проекти

Професионални умения

- оценител в покани по научно-изследователски проекти (COST програма, МОСВ)
- оценител по акредитации на докторантски програми в НАОА
- рецензент на статии и научни разработки
- главен редактор на Годишник на Софийски университет „ Св. Климент Охридски“, ФзФ
- подготовка и изпълнение на научно-изследователслки проекти
- национален представител на България във Форума на потребителите на Програма Коперник на Европейската комисия

Дигитална Компетенция

САМООЦЕНЯВАНЕ				
Обработка на информацията	Комуникация	Създаване на съдържание	Сигурност	Решаване на проблеми
Свободно ниво на владеене	Свободно ниво на владеене	Свободно ниво на владеене	Самостоятелно ниво на владеене	Свободно ниво на владеене

Ниво: Основно ниво на владеене - Самостоятелно ниво на владеене - Свободно ниво на владеене
Дигитални компетенции - Матрицата за самооценка

други дигитални компетенции

- Програмиране на езици Fortran 77/95, HTML, XML, shell
- Операционни системи Unix (OSF1, Solaris), Linux, Windows
- Опит с океански модели NEMO, MOM, GETM, 2D-reduced gravity model
- Опит с атмосферни модели LAM models: REGCM3, MM5, WRF, BOLAM
- Опит с паралелно програмиране на Origin 2000 cluster OpenMP и Linux cluster with MPI.
- Анализ на обширни данни, включително ЕОФ анализ
- Работа с NETCDF файлове, Grads NCL
- Опит с графичен и офис софтуер

Други умения

Свидетелство за управление на МПС

B

ДОПЪЛНИТЕЛНА ИНФОРМАЦИЯ

Публикации — Виж в приложението

Проекти — Виж в приложението

Конференции и семинари — Виж в приложението

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ПРИЛОЖЕНИЯ

Публикации:

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Участие в научно-изследователски проекти:

- RACCS – Regionalization of Anthropogenic Climate Change Scenarios, 1996-1998
- DANUBS - Nutrient management in the Danube basin and its impact on the Black Sea, 2000-2002
- ARAL-KUM – Desertification in the Aral Sea region: A study of the natural and anthropogenic impacts, 2000-2002
- MINOS -Multidisciplinary Intensive computing for research activities of European Scientists, 2001
- ASSEMBLAGE - Assessment of the Black Sea sedimentary system since the last Glacial Extreme, 2003
- ECOMAR -Ecosystem assessment and monitoring of the coastal and marine environment, 2003
- SESAME – Southern European Seas: Assessing and Modeling the Ecosystem Changes, 2007
- ECOOP – European Coastal-Shelf sea Operational Observing and Forecasting system, 2007
- Euro-Argo Ocean Observation Structure: EC FP7 Preparatory Phase, 2007-2011
- GRIDA3 Shared Resources Manager for Environmental Data Analysis and Applications, MIUR Italy, 2007-2009
- MOMAR, Monitoring of the Marine Environment, 2010-2011
- ENVIROGRIDS, Building Capacity for a Black Sea Catchment Observation and Assessment System supporting Sustainable Development, 2009-2013
- RIFI – Research Infrastructures: Foresight and Impact, 2009-2011
- BulArgo – Development of the national research infrastructure as a Bulgarian component of the Euro-Argo, 2010-2012
- SIDERI - Strengthening International Dimension of Euro-Argo Research Infrastructure, 2012-2013
- E_AIMS -Euro-Argo Improvements for the GMES Marine Services, EC FP7, 2013-2016
- Acque Marine e Marino-Costiere, presso il Settore Energia e Ambiente del CRS4, Sardegna
- Black Sea Checkpoint, European Commission
- Black Sea Monitoring and Forecast Centre, EC Programme Copernicus, CMEMS

Конференции и семинари:

- Marine Scientific Forum, Sciences about the sea and marine technologies, July 1998, Varna, Bulgaria
- International conference "Oceanography of the Eastern Mediterranean and Black Sea. Similarities and Differences of Two Interconnected Basins", 1999, 23-26 February, Athens, Greece
- International Union of Geodesy and Geophysics, XXII General Assembly, 1999, 19-30 July, Birmingham, UK
- Meetings of young researchers in physics, October 1999, Faculty of Physics, Sofia, Bulgaria
- 33rd International Liege Colloquium on Ocean Dynamic: The use of data assimilation in coupled hydrodynamic, ecological and bio-geo-chemical models of the ocean, 2001, 7-11 May, Liege, Belgium
- 34th International Liege Colloquium on Ocean Dynamic: Tracer methods in geophysical fluid dynamics, 2002, 6-10 May, Liege, Belgium
- EGS-AGU-EUG Joint Assembly, 2003, 6-11 April, Nice, France
- 35th International Liege Colloquium on Ocean Dynamic: Dying and Dead Seas, 2003, 5-7 May, Liege, Belgium
- International Conference on Scientific and policy challenges towards an effective management of the marine environment, 2003, 12-18 October, Albena, Bulgaria
- 4th GMES Forum, 2003, 26-28 November, Baveno, Italy
- Joint Workshop on Marine Assessment & Monitoring on Eutrophication, EC-JRC, Black Sea Commission, Helsinki Commission, 2004, 21-22 April, Istanbul, Turkey
- GETM Users Workshop, Bolding & Burchard Hydrodynamics, 2004, 7-9 June, Baaring, Denmark
- UNESCO workshop "Large-scale disturbances (regime shifts) and recovery in aquatic ecosystems: challenges for management towards sustainability", 2005, 14-17 June, Varna, Bulgaria
- Joint JRC-TAIEX-Sofia University Workshop "Understanding and modeling the Black Sea ecosystem in support of marine conventions and environmental policies", 2005, 22-23 September, Varna, Bulgaria
- International Conference on Global Change and Problems, 2007, 20-22 April, Sofia, Bulgaria

- International Union of Geodesy and Geophysics, XXIV General Assembly, 2007, 2-14 July, Perugia, Italy
- 2nd biannual and Black Sea SCENE EC Project Joint Conference Climate Change in the Black Sea - Hypotesis, Observations, Trends, Scenarios and Mitigation Strategy for the Ecosystem, Sofia, Bulgaria, 6-9 October 2008
- 1st Euro-Argo Data User Workshop, Southampton, UK, 24-25 June 2008
- FINAL WORKSHOP OF GRID PROJECTS "PON RICERCA 2000-2006, AVVISO 1575", Catania, Italy, 1-3 March 2009
- European Geosciences Union General Assembly, 2009, Vienna, Austria, 19 – 24 April 2009
- 2nd Euro-Argo Data User Workshop, Trieste, Italy, 15-17 June 2009
- 1st GMES Operational Capacity Workshop, Sofia, 25-26 March 2010
- 3rd EuroArgo data users workshop Paris, France, 17-18 June 2010
- 10th international conference on marine sciences and technologies, Varna, Bulgaria, 7-9 October 2010.
- 2nd GMES Operational Capacity Workshop, Sofia, 17-18 March 2011
- 3rd Bi-annual BS Scientific Conference and UP-GRADE BS-SCENE Project Joint Conference, 1-4 November 2011, Odessa, Ukraine
- „NATO's role in the Black Sea Region in the context of the New Security Challenges and NATO Summit in Chicago", 17 May 2012, Burgas, Bulgaria
- Third International Scientific Congress of TU-Varna, 4-6 October 2012, Varna, Bulgaria
- International Conference MARES2020, 16-20 September 2013, Golden Sands, Bulgaria.
- 2nd National Congress in Physical Sciences, 25-29 September 2013, Sofia, Bulgaria
- European Geosciences Union General Assembly 2014 Vienna, Austria, 27 April – 02 May 2014
- 46th Liege International Colloquium, Low oxygen environment in marine, estuarine and fresh waters, Liege, Belgium, 5-9 May, 2014
- 1st International Conference on "Sustainable development of the sea-corridors and coastal waters", Tirana, Albania, April 3rd 2014
- 7th ICTP Workshop on the Theory and Use of Regional Climate Models, Trieste, Italy, 12-23 May 2014
- „Sustained ocean observing for the next decade" A combined GO-SHIP/Argo/IOCCP conference on physical and biogeochemical measurements of the water column, Galway, Ireland, 14-18 September 2015
- European Geosciences Union General Assembly 2016 Vienna, Austria, 17 -22 April 2016
- 8th International Workshop on Modeling the Ocean (IWMO), Bologna, Italy, 7-10 June 2016
- Black Sea from Space Workshop, 28-30 September, 2016, Constanta, Romania
- 3rd National Congress in Physical Sciences, 1 October 2016, Sofia, Bulgaria

Съгласна съм да взема участие в дейностите по настоящия проект Устойчиво управление на морската околна среда и нейните ресурси.

Подпис: Е. Пенева 

Място, Дата: София, 10.01.2017 г.

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

Jordà, G., Sánchez-Román, A., Gomis, D.
Reconstruction of transports through the Strait of Gibraltar from limited observations
(2017) Climate Dynamics, 48 (3-4), pp. 851-865.
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DOI: 10.1007/s00382-016-3113-8
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.
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Marullo, S., Minnett, P.J., Santoleri, R., Tonani, M.
The diurnal cycle of sea-surface temperature and estimation of the heat budget of the Mediterranean Sea
(2016) Journal of Geophysical Research: Oceans, 121 (11), pp. 8351-8367.
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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-s2.0-84982728749&doi=10.1016%2fj.dsr.2016.07.011&partnerID=40&md5=19e9c83b7b0920062edb828c02a908e8

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Ayache, M., Dutay, J.-C., Arsouze, T., Révillon, S., Beuvier, J., Jeandel, C.
High-resolution neodymium characterization along the Mediterranean margins and modelling of Nd distribution in the Mediterranean basins
(2016) Biogeosciences, 13 (18), pp. 5259-5276. Cited 2 times.

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DOCUMENT TYPE: Article
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Piper, D.Z.
Geochemistry of the Black Sea during the last 15 kyr: A protracted evolution of its hydrography and ecology
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Jouini, M., Béranger, K., Arsouze, T., Beuvier, J., Thiria, S., Crépon, M., Taupier-Letage, I.
The Sicily Channel surface circulation revisited using a neural clustering analysis of a high-resolution simulation
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DOI: 10.1016/j.ocemod.2016.05.002
DOCUMENT TYPE: Article
SOURCE: Scopus

Zalesnyi, V.B., Gusev, A.V., Agoshkov, V.I.
Modeling Black Sea circulation with high resolution in the coastal zone
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DOI: 10.1134/S0001433816030142
DOCUMENT TYPE: Article
SOURCE: Scopus

Hamon, M., Beuvier, J., Somot, S., Lellouche, J.-M., Greiner, E., Jordà, G., Bouin, M.-N., Arsouze, T., Béranger, K., Sevault, F., Dubois, C., Drevillon, M., Drillet, Y.
Design and validation of MEDRYS, a Mediterranean Sea reanalysis over the period 1992-2013
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DOCUMENT TYPE: Article
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Mavropoulou, A.-M., Mantziafou, A., Jarosz, E., Sofianos, S.
The influence of Black Sea Water inflow and its synoptic time-scale variability in the North Aegean Sea hydrodynamics
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Tourian, M.J., Tarpanelli, A., Elmi, O., Qin, T., Brocca, L., Moramarco, T., Sneeuw, N.
Spatiotemporal densification of river water level time series by multimission satellite altimetry
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Volkov, D.L., Johns, W.E., Belonenko, T.V.
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Longterm variability of the water mass structure on the Romanian black sea shelf
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Lichtschlag, A., Donis, D., Janssen, F., Jessen, G.L., Holtappels, M., Wenzhöfer, F., Mazlumyan, S., Sergeeva, N., Waldmann, C., Boetius, A.
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(2015) Biogeosciences, 12 (16), pp. 5075-5092. Cited 3 times.
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DOI: 10.5194/bg-12-5075-2015
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Decadal changes of water properties in the Aral Sea observed by MODIS-Aqua
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DOI: 10.1002/2015JC010937
DOCUMENT TYPE: Article
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Modelling of the anthropogenic tritium transient and its decay product helium-3 in the Mediterranean Sea using a high-resolution regional model
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Adloff, F., Somot, S., Sevault, F., Jordà, G., Aznar, R., Déqué, M., Herrmann, M., Marcos, M., Dubois, C., Padorno, E., Alvarez-Fanjul, E., Gomis, D.
Mediterranean Sea response to climate change in an ensemble of twenty first century scenarios
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Palmiéri, J., Orr, J.C., Dutay, J.-C., Béranger, K., Schneider, A., Beuvier, J., Somot, S.
Simulated anthropogenic CO<inf>2</inf> storage and acidification of the Mediterranean Sea
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SOURCE: Scopus

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Seasonal and interannual variability of the water exchange in the Turkish Straits System estimated by modelling
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DOCUMENT TYPE: Article
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Modelling the water and heat balances of the Mediterranean Sea using a two-basin model and available meteorological, hydrological, and Ocean data
(2015) Oceanologia, 57 (2), pp. 116-131. Cited 1 time.
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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.
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DOCUMENT TYPE: Article

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Valty, P., De Viron, O., Panet, I., Collilieux, X.
Impact of the north atlantic oscillation on southern europe water distribution: Insights from geodetic data
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Kordzadze, A., Demetrashvili, D., Kukhalashvili, V.
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(2015) 12th International Conference on the Mediterranean Coastal Environment, MEDCOAST 2015, 2, pp. 769-780.
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Soto-Navarro, J., Somot, S., Sevault, F., Beuvier, J., Criado-Aldeanueva, F., García-Lafuente, J., Béranger, K.
Evaluation of regional ocean circulation models for the Mediterranean Sea at the Strait of Gibraltar: volume transport and thermohaline properties of the outflow
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DOI: 10.1007/s00382-014-2179-4
DOCUMENT TYPE: Article
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Reed, D.J., Davidson-Arnott, R., Perillo, G.M.E.
Estuaries, coastal marshes, tidal flats and coastal dunes
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РЕПУБЛИКА БЪЛГАРИЯ
МИНИСТЕРСКИ СЪВЕТ

ВИСША АТЕСТАЦИОННА КОМИСИЯ

Д И П Л О М А

ЗА ОБРАЗОВАТЕЛНА И НАУЧНА СТЕПЕН *"ДОКТОР"*

Номер 27611 Дата 12.12.2001г.

ВИСШАТА АТЕСТАЦИОННА КОМИСИЯ

ДАДЕ на ***ЕЛИСАВЕТА ЛАЗАРОВА ПЕНЕВА***

Родена на 24.03.1972 г. в гр. София

ОБРАЗОВАТЕЛНАТА И НАУЧНА СТЕПЕН

ДОКТОР

по научната специалност 01.04.08

"Физика на океана, атмосферата и околоземното пространство"

въз основа на защитена дисертация на тема:

"Изменчивост на свободната повърхност в Черно море, на циркулацията и обмена със Средиземно море, оценени по спътникови и наземни данни"

Комисия 06, Протокол № 13 от 09.10.2001 г.

Научен секретар:

Министерски съвет ● Висша атестационна комисия ● РЕПУБЛИКА БЪЛГАРИЯ

Председател:

Университет „Св. Климент Охридски" ... научен състав

ВЯРНО С ОРИГИНАЛА.....

СОФИЙСКИ УНИВЕРСИТЕТ "СВЕТИ КЛИМЕНТ ОХРИДСКИ"

предприятие

ДОПЪЛНИТЕЛНО СПОРАЗУМЕНИЕ № РД 22-3083 / 25.02.2014
КЪМ ТРУДОВ ДОГОВОР № I 847 / 29.5.2000 г.

Днес . . . . . в гр. София, на основание **чл.118 ал.3 от Кодекса на труда и Заповед № РД-19-46 от 30.01.2014 г.**

проф. дин Иван Илчев - РЕКТОР на СУ "Св. Климент Охридски" - София

адрес бул."Цар Освободител" 15, БУЛСТАТ 000670680, Данъчен No 1220022435 - наричан ***РАБОТОДАТЕЛ***

и Елисавета Лазарова Пенева ЕГН 7203246410

трите имена на лицето

на длъжност: ***доцент***

Физически факултет

Катедра "Метеорология и геофизика"

общ трудов стаж към дата: 1.3.2014: | **15г. 4м. 23д.**

СКЛЮЧИХА СПОРАЗУМЕНИЕ ЗА:

1. Основно месечно трудово възнаграждение: ***осемстотин лв.***	**800.00** лв.
2. За допълнително трудово възнаграждение за придобит трудов стаж и професионален опит по 1.2% за всяка прослужена година ***18.0% за прослужени 15 г.***	**144.00** лв.
3. Считано от:	**1.3.2014** г.

Настоящото допълнително споразумение към трудов договор № I 847 / 29.5.2000 г. се състави в пет екземпляра, от които един за служителя/работника.

ПОДПИСАЛИ:

Работник: **РЕКТОР:**

Изготвил проекта на трудовия договор: подпис: дата:

Ръководител сектор "Личен състав": подпис: дата: 23-02-2014

Трудовият договор е съгласуван с:

Гл.счетоводител: подпис: дата: 27.02.2014

Гл.юрисконсулт: подпис: дата:

Ръководител ТРЗ: подпис: дата: 25.02.2014

Връчен екземпляр на работника на:

Служител/Работник:

дата на отпечатване 22.2.2014