




## PERSONAL INFORMATION

## Dimitra Kitsiou

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Sex Female | Date of birth 04/01/1969 | Nationality Greek

## CURRENT POSITION

Associate Professor in the Department of Marine Sciences, School of the Environment, University of the Aegean, Greece

## WORK EXPERIENCE

1999–2000

**Post-doctoral researcher**

CEFREM (Centre de Formation et de Recherche sur l'Environnement Marin), Université de Perpignan, France, Perpignan (France)

Post - doctoral research entitled: "Development of a software for analyzing and visualizing data for the study of particles in the coastal zone"

Funding: European Union, MAST (Marine Science and Technology) Programme Marie-Curie TMR (Training and Mobility of Researchers)

2001–2007

**College / university teaching professional**

Department of Marine Sciences, School of the Environment, University of the Aegean, Mytilene, Lesvos (Greece)

Lecturer in Geographic Information Systems with emphasis in the marine environment.

2008–2017

**College / university teaching professional**

Department of Marine Sciences, School of the Environment, University of the Aegean, Mytilene, Lesvos (Greece)

Assistant Professor in Geographic Information Systems with emphasis in the marine environment.

2017–Present

Department of Marine Sciences, School of the Environment, University of the Aegean, Mytilene, Lesvos (Greece)

Associate Professor in Geographic Information Systems with emphasis in the marine environment.

## EDUCATION AND TRAINING

1986–1991

**BSc degree**

National and Kapodistrian University of Athens, Athens (Greece)

Department of Physics

1991–1993

**MSc degree in Electronics and Radio-electronics**

National and Kapodistrian University of Athens, Athens (Greece)

Department of Physics

1994–1997 **PhD degree**  
 University of the Aegean, Department of Environmental Studies, Mytilene, Lesvos (Greece)  
 Title: "Evaluation of spatial analysis methods for the quantitative assessment of marine eutrophication"

**PERSONAL SKILLS**

**Mother tongue(s)** Greek

**Other language(s)**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Certificate of Proficiency in English (University of Cambridge)					
French	C2	C2	C2	C2	C2
Diplome d'Etudes Francaises - Sorbonne II, (Universite de Paris IV) Certificat Pratique de Traducteur (Institut Francais d'Athenes)					
Italian	B1	B1	B1	B1	B1
Diploma di Lingua Italiana (Istituto Italiano di Cultura (Salonico))					

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

**Communication skills** Very good communication and contact skills with students gained through my experience as Associate Professor in the undergraduate and post-graduate programme of the Dept. of Marine Sciences, School of the Environment, University of the Aegean, Lesvos, Greece. I teach Introduction to GIS, Applications of GIS, Geo-informatics, Mapping, Spatial analysis, Geo-statistics. All lectures include theoretical and practical part.

**Organisational / managerial skills** I have worked in many national and international research projects as researcher or scientific coordinator. I am also responsible for the Laboratory of Geographical Information Systems in the Dept. of Marine Sciences, School of the Environment, University of the Aegean, Lesvos, Greece and the supervisor of four (4) PhD students and of many BSc and MSc students for their thesis / dissertation.

**Job-related skills** As Associate Professor in the Dept. of Marine Sciences, School of the Environment, University of the Aegean, Greece I have a wide range of scientific publications in the field of GIS, mapping, remote sensing, marine spatial planning, environmental quality, risk assessment, marine water quality and environmental monitoring.

In addition, I have worked as reviewer for international scientific journals and as external expert evaluator of scientific research projects in EU and other inter-governmental organizations.

**Digital skills**

Information processing	Communication	SELF-ASSESSMENT		
		Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

- good command of the software: ArcGIS, Idrisi, Erdas, Bilko, Q GIS, Corel Draw

## SCIENTIFIC PUBLICATIONS

## Scientific International Journals

01. Kitsiou D. and Karydis M., *Development of categorical mapping for quantitative assessment of eutrophication*, Journal of Coastal Conservation 4: 35-44, 1998.
02. Kitsiou D. and Karydis M., *Categorical mapping of marine eutrophication based on ecological indices*, The Science of the Total Environment 255(1-3): 113-127, 2000.
03. Kitsiou D. and Karydis M., *Marine eutrophication: A proposed data analysis procedure for assessing spatial trends*, Environmental Monitoring and Assessment 68(3): 297-312, 2001.
04. Kitsiou D., Tsirtsis G. and Karydis M., *Developing an optimal sampling design: a case study in a coastal marine ecosystem*, Environmental Monitoring and Assessment 71(1): 1-12, 2001.
05. Kitsiou D., Durrieu de Madron X. and Arnau P.A., *Development of a Data Visualisation and Analysis Tool to Study the Particle Dynamics in the Coastal Zone*, Marine Pollution Bulletin 43(7-12): 262-269, 2001.
06. Kitsiou D., Coccossis H. and Karydis M., *Multidimensional evaluation and ranking of coastal areas using GIS and multicriteria choice methods*, The Science of the Total Environment 284: 1-17, 2002.
07. Nitis T., Kitsiou D., Klaić Z.B., Telišman Prtenjak M. and Moussiopoulos N., *The Effects of basic flow and topography on the development of sea breeze over a complex coastal environment*, Q. J. R. Meteorol. Soc. 131: 305-327, 2005.
08. Mixelakaki M. and Kitsiou D., *Estimation of anisotropies in chlorophyll a spatial distributions based on satellite data and variography*, Global NEST Journal 7(2): 204-211, 2005.
09. Georgakarakos S. and Kitsiou D., *Mapping abundance distribution of small pelagic species applying hydroacoustics and Co-Kriging techniques*, Hydrobiologia 612: 155-169, 2008.
10. Nitis T., Klaić Z. B., Kitsiou D. and Moussiopoulos N., *Meteorological simulations with use of satellite data for assessing urban heat island under summertime anticyclonic conditions*, International Journal of Environment and Pollution, 40(1/2/3): 123-135, 2010.
11. Kitsiou D. and Karydis M., *Coastal Eutrophication Assessment: a review on data analysis*, Environment International 37: 778-801, 2011.
12. Karydis M. and Kitsiou D., *Eutrophication and Environmental Policy in the Mediterranean Sea: a review*, Environmental Monitoring and Assessment 184: 4931-4984, 2012.
13. Karydis M. and Kitsiou D., *Marine water quality monitoring: A review*, Marine Pollution Bulletin 77: 23-36, 2013.
14. Kotta D. and Kitsiou D., *Chlorophyll-a variations in terms of meteorological forcing: The Rhodes Gyre and Cyclades region*, Fresenius Environmental Bulletin 23(12a): 3131-3139, 2014.
15. Kitsiou D. and Topouzelis K., *Correlation between chlorophyll a concentration and sea surface temperature in the Eastern Mediterranean Sea using GIS and satellite data*, Fresenius Environmental Bulletin 23(11a): 2919-2925, 2014.
16. Topouzelis K. and Kitsiou D., *Sea State Primitive Object Creation from SAR Data*, International Journal of Geosciences 5: 1561-1570, 2014.
17. Topouzelis K. and Kitsiou D., *Detection and classification of mesoscale atmospheric phenomena above sea in SAR imagery*, Remote Sensing of the Environment 160: 263-272, 2015.
18. Topouzelis K., Singha S. and Kitsiou D., *Incidence angle Normalization of Wide Swath SAR Data for Oceanographic Applications*, Open Geosciences 8: 450-464, 2016.
19. Kitsiou D., Patera A. and Kostopoulou M., *A GIS methodology to support sea water quality assessment in coastal areas*, Global NEST Journal 20(1): 122-127, 2018.
20. Tzoraki O., Monioudi I.N., Velegrakis A.F., Moutafis N., Pavlogeorgatos G. and Kitsiou D., *Resilience of Touristic Island Beaches Under Sea Level Rise: A Methodological Framework*, Coastal Management, DOI: 10.1080/08920753.2018.1426376, 2018.
21. Kotta D. and Kitsiou D., *Exploring Possible Influence of Dust Episodes on Surface Marine Chlorophyll Concentrations*, J. Mar. Sci. Eng. 7(2), 50, [doi:10.3390/jmse7020050](https://doi.org/10.3390/jmse7020050), 2019.
22. Kotta D. and Kitsiou D., *Medicanes Triggering Chlorophyll Increase*, J. Mar. Sci. Eng. 7(75), [doi:10.3390/jmse7030075](https://doi.org/10.3390/jmse7030075), 2019.

## Books

01. Kitsiou D. and Karydis M. (Editors). *Marine Spatial Planning: Methodologies, Environmental Issues and current trends*. NOVA Science Publishers, Inc., NY, USA, 2017.
02. Karydis M. and Kitsiou D., *Marine eutrophication: a global perspective*. CRC Press, Taylor & Francis Group (in review process).

## Chapters in books

01. Karydis M. and Kitsiou D., *Eutrophication in the European Regional Seas: a review on impacts, assessment and policy*. In: M.T. Sebastia (Editor) "Phytoplankton: Biology, Classification and Environmental Impacts", NOVA Science Publishers, Inc., NY, USA, 2013, pp. 167-243.

02. Kitsiou D. and Karydis M. *Oil Spills: Behavior of Oil, Impact, Detection, Tracking and Management*. In: D.E. Jefferson (Editor) "Marine Pollution: Types, Environmental Significance and Management Strategies", NOVA Science Publishers, Inc., NY, USA, 2014, pp. 197-242.
03. Kitsiou D. *The GIS framework in marine spatial planning applications*. In D. Kitsiou and M. Karydis (Editors) "Marine Spatial Planning: Methodologies, Environmental Issues and current trends", NOVA Science Publishers, Inc., NY, USA, 2017, pp. 157-174.
04. Pataki Z. and Kitsiou D. *Marine Spatial Planning: a review of the different approaches*. In D. Kitsiou and M. Karydis (Editors) "Marine Spatial Planning: Methodologies, Environmental Issues and current trends", NOVA Science Publishers, Inc., NY, USA, 2017, pp. 93-113.
05. Kitsiou D., Politi E. and Kostopoulou M. *The Application of zoning and multiple criteria methods in marine spatial planning*. In D. Kitsiou and M. Karydis (Editors) "Marine Spatial Planning: Methodologies, Environmental Issues and current trends", NOVA Science Publishers, Inc., NY, USA, 2017, pp. 175-195.

### Presentations in International Conferences

01. Kitsiou D. and Karydis M., *Eutrophication assessment at a spatial scale based on categorical mapping*, Proceedings of the 2<sup>nd</sup> International Conference on the Mediterranean Coastal Environment, MEDCOAST '95, Tarragona, Spain, 24-27 October 1995, pp. 1309-1317.
02. Kitsiou D., *Eutrophication assessment in Saronikos Gulf, Greece using spatial analysis methods*, Proceedings of the 3<sup>rd</sup> International Conference on Environmental Pollution, Thessaloniki, 16-20 September 1996, pp. 248-252.
03. Kitsiou D., Tsirtsis G. & Karydis M., *Optimal design of sampling stations in eutrophication studies*, Proceedings of the 6<sup>th</sup> EUCC International Conference (Coastline '97), Naples, Italy, 2-6 June 1997.
04. Kitsiou D. and Karydis M., *Quantification of eutrophication in marine coastal waters: a statistical approach based on simulated data*, 9<sup>th</sup> International Symposium on Environmental Pollution and its impact on life in the Mediterranean region, MESAEP, S. Agnello di Sorrento, Italy, 4-9 October 1997.
05. Kitsiou D. and Karydis M., *A multivariate procedure for the discrimination of eutrophic levels in coastal marine ecosystems*, Rapport du 35<sup>e</sup> Congrès de la CIESM (35<sup>th</sup> CIESM Congress proceedings), Dubrovnik (Croatie), 1-5 June 1998, Vol.35(2), pp. 552-553.
06. Kitsiou D. and Karydis M., *Detection of trophic trends based on outlying values from a multivariable system: a proposed methodology for marine eutrophication assessment*, Proceedings of the 31<sup>st</sup> Annual Symposium of the Estuarine and Coastal Sciences Association: "Managing eutrophication of estuaries and nearshore waters: a challenge for the new millennium", Bilbao, Spain, 3-7 July 2000, p. 71.
07. Kitsiou D., Durrieu de Madron X. & Garcia-Ladona E., *Development of a data visualisation and analysis tool to study the particle dynamics in the coastal zone*, Proceedings of the Fourth International Marine Environmental Modelling Seminar, Athens, Greece, 4-6 October 2000.
08. Kitsiou D., Nitis T., Mexa A. & Politi E., *Development of a GIS tool for the management of coastal areas: a case study in the gulf of Gera, Lesvos, Greece*, Proceedings of the International Conference on the Southern European Coastal Lagoons: The Influence of River Basin-Coastal Zone Interactions, Ferrara, Italy, 10-12 November 2003, p. 85.
09. Nitis T., Klaić Z.B., Kitsiou D. & Moussiopoulos N., *Boundary layer height determination under summertime anticyclonic weather conditions over the coastal area of Rijeka, Croatia*, Proceedings of the 9<sup>th</sup> International Conference on Harmonisation within Atmospheric Dispersion Modelling for Regulatory Purposes, Garmisch-Partenkirchen, Germany, 1-4 June 2004, pp. 289-293.
10. Michelakaki M. and Kitsiou D., *Estimation of anisotropies in chlorophyll a spatial distributions based on satellite data and variography*, Proceedings of the 9<sup>th</sup> Conference on Environmental Science and Technology, Rhodes, 1-3 September 2005, pp. 992-997.
11. Kitsiou D. and Livanos I., *Marine eutrophication assessment in the Aegean Sea, Greece based on MODIS and SeaWiFS satellite data*, Geophysical Research Abstracts, Vol. 8, 09896-EGU General Assembly, Vienne, April 2006.
12. Nitis T. and Kitsiou D., *Estimation of land surface parameters for Mesoscale Meteorological Modeling using GIS and Remote Sensing*, Geophysical Research Abstracts, Vol.8, 10014-EGU General Assembly, Vienne, April 2006.
13. Kitsiou D., Nitis T., Tsaknakis A., Esteve M.A., Falcão M., Giordanni G., Loubersac L. & Tsirtsis G., *Development of a WebGIS application for supporting the management of southern European coastal lagoons*, GIS for the Coastal Zone: A Selection of papers from the CoastGIS 2006 Conference, edited by C.D. Woodroffe, E.M. Bruce, M. Puotinen and R.A. Furness. Wollongong Papers on Maritime Policy 16, 13-16 July 2006, Sidney, Australia, pp. 83-90.

14. Kitsiou D. and Kostopoulou M.N., *A methodology for assessing the current state and future trends in coastal areas: The case of Kalloni Bay, Lesvos, Greece*, Proceedings of the 38<sup>th</sup> CIESM Congress, Instabul, 9-13 April 2007.
15. Kitsiou D., Nitis T., Kostopoulou M.N., Maravelakis N. & Maneas G., *Evaluation of spatial interpolators in the framework of a Geographical Information System: A case study using oceanographic data*, Proceedings of SPIE Europe Remote Sensing, Remote Sensing for Environmental Monitoring, GIS Applications, and Geology, Vol. 6749, Florence, 17-21 September 2007.
16. Kostopoulou M., Argyrou M., Karydis M., Kitsiou D., Koutsoubas D., Tsirtsis G. & Hasiotis T., *Human activities on the quality of the coastal environment and assessment of environmental quality indicators in the framework of the coastal zone management according to the Directive 2000/60*, 3<sup>rd</sup> International Conference 'Water Science and Technology with emphasis on water & climate' - AQUA, Athens, 16-19 October 2008.
17. Kitsiou D., Kostopoulou M.N., Pataki Z. & Karydis M., *Geostatistical analysis for assessing eutrophication trends: a case study in the Strait of Lesvos, Greece*, Proceedings of the 2<sup>nd</sup> International Conference on Environmental Management, Engineering, Planning and Economics CEMEPE-SECOTOX, Mykonos, 21-26 June 2009, p. 396.
18. Fernandez R., Santos M.B., MacLeod C.D., Covelo P., López A., Kitsiou D. & Pierce G.J., *Presence-only models to predict common and bottlenose dolphin distribution*, Proceedings of the 18<sup>th</sup> Biennial Conference on the Biology of Marine Mammals, Québec City, Canada, 12-16 October 2009.
19. Kitsiou D. and Nitis T., *Estimation of marine eutrophication levels based on satellite data*, Proceedings of the Protection and Restoration of the Environment Conference X, Corfu, 5-9 July 2010, p. 111.
20. Efstratiou M.A., Kitsiou D., Vintenko A. & Velegraki A., *Quantitative estimation and sampling optimisation of fungi in beach sand with the use of GIS and geostatistical analysis*, Proceedings of the 4<sup>th</sup> Congress of European Microbiologists, FEMS, Geneva, 26-30 June 2011.
21. Kyriakidis P.C., Kitsiou D. & Kavroudakis D., *Multivariate variogram and madogram: Tools for quantifying diversity/dissimilarity in spatiotemporal data*, In: E. Pardo-Igúzquiza, C. Guardiola-Albert, J. Hereida, L. Moreno-Merino, J.J. Durán, J.A. Vargas-Guzmán (Eds), *Mathematics of Planet Earth*, Proceedings of the 15<sup>th</sup> Annual Conference of the International Association for Mathematical Geosciences, Madrid, Spain, September 2013, Lecture Notes in Earth System Sciences, Springer-Verlag Berlin, doi: 10.1007/978-3-642-32408-6\_54 pp. 235-238.
22. Kitsiou D., Kostopoulou M., Varnava V. & Koufa K., *Assessment of the vulnerability of coastal areas to the application of pesticides using GIS and multiple criteria analysis*, Proceedings of the 4<sup>th</sup> International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference, Mykonos, 24-28 June 2013, Book of abstracts, p. 330.
23. Kitsiou D. and Topouzelis K., *Relationship between chlorophyll a concentration and sea surface temperature in the Strait of Lesvos, Greece using GIS and satellite data*, Proceedings of the 4<sup>th</sup> International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) & SECOTOX Conference, Mykonos, 24-28 June 2013, Book of abstracts, p. 328.
24. Kotta D. and Kitsiou D., *Chlorophyll-a variations in terms of meteorological forcing: The Rhodes Gyre and Cyclades region*, Proceedings of the 17<sup>th</sup> International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Instabul, 28 September-1 October 2013, p.147.
25. Kotta D., Kitsiou D. & Karydis M., *Influence of desert dust on the Aegean Sea chlorophyll concentrations*, Proceedings of the Protection and Restoration of the Environment International Conference XII, Skiathos, 29 June - 3 July 2014, Book of abstracts, p. 258.
26. Patera A., Kitsiou D. & Kostopoulou-Karadanelli M., *A webGIS tool for applying multi-criteria analysis to assess coastal environmental quality*, Proceedings of the Protection and Restoration of the Environment International Conference XII, Skiathos, 29 June - 3 July 2014, Book of abstracts, p. 261.
27. Psarrou T. and Kitsiou D., *Application of a GIS methodology for assessing coastal marine eutrophication* Proceedings of the Protection and Restoration of the Environment International Conference XII, Skiathos, 29 June - 3 July 2014, Book of abstracts, p. 260.
28. Kitsiou D., Kostopoulou-Karadanelli M. & Topouzelis K., *Assessment of the spatial distribution of chlorophyll a concentrations in coastal areas using GIS and remote sensing techniques*, Proceedings of the Protection and Restoration of the Environment International Conference XII, Skiathos, 29 June -3 July 2014, Book of abstracts, p. 259.
29. Kotta D., Kitsiou D., Kassomenos P. & Karydis M., *A 1010 hPa cyclone causing extreme rainfall and an autumn chlorophyll bloom*, Proceedings of the 12<sup>th</sup> International Conference on Meteorology, Climatology and Physics of the Atmosphere, Iraklion, 28-31 May 2014, COMECAP, Book of e-contributions, Vol. 2, pp. 39-44.
30. Topouzelis K., Vasileiadis C. & Kitsiou D., *Representative sea state primitive objects extraction from ASAR data*, Proceedings of the 5<sup>th</sup> International Conference GEOBIA (Geographic Object- Based Image Analysis), Thessaloniki, 21-24 May 2014, Book of Abstracts, p. 241.

31. Pavlogeorgatos G., Kitsiou D. & Karydis M., *Marine Spatial Planning in Greece: The project THAL-CHOR*, Transnational ESPON on the Road Workshop: "Integrated development through land-sea interaction: dimensions and perspectives of blue growth in Greece", Piraeus, 10-11 November 2014.
32. Kyriakides Ph., Vasios G. & Kitsiou D., *Delineating sea surface water quality regions from remotely sensed data using textural information*, Proceedings of the 3<sup>rd</sup> International Conference on Remote Sensing and Geoinformation of the Environment 2015, Pafos, Cyprus, 16-19 March 2015, Proc. of SPIE Vol. 9535, doi: 10.1117/12.2192565 - BEST POSTER AWARD.
33. Vasios G., Kyriakides Ph. & Kitsiou D., *Measurement aggregation effects on the spatial statistics of sea surface temperature and chlorophyll-a over the North Aegean*, Proceedings of the 14<sup>th</sup> International Conference on Environmental Science and Technology, Rhodes, 3-5 September 2015, CEST2015\_00591.
34. Karydis M., Kitsiou D., Kostopoulou-Karadanelli M. & Pavlogeorgatos G., *Ecosystem Services and spatial planning in sensitive and vulnerable coastal areas: a case study in the Aegean Sea*, Proceedings of the 14<sup>th</sup> International Conference on Environmental Science and Technology, Rhodes, 3-5 September 2015, CEST2015\_00045.
35. Kotta D. and Kitsiou D., *Variation of chlorophyll-a concentrations related to winter weather conditions*, Proceedings of the 18<sup>th</sup> International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP, Crete, 26-30 September 2015, p. 269.
36. Farazaki M., Marakas H., Kostopoulou M., Kitsiou D. & Gikas P., *Estimation of point and diffuse pollution sources in the Aegean islands*, Proceedings of the 2<sup>nd</sup> EWaS International Conference: "Efficient & Sustainable Water Systems Management toward Worth Living Development", Chania, 1-4 June, 2016.
37. Kotta D., Kitsiou D. & Kassomenos P., *First rains as extreme events influencing marine primary production*, Proceedings of the 13<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2016, Book of e-contributions, Perspectives on Atmospheric Sciences by Karacostas T., Bais A., Nastos P. (Eds), Vol. I, Springer, Thessaloniki, 19-21 September 2016, pp. 263-270.
38. Lambrinos C., Kostopoulou M., Kitsiou D. & Nikolaou A., *Micro- and nanoplastics in the Mediterranean Sea: A preliminary investigation in Mytilene, Greece*, 5<sup>th</sup> International Conference on Sustainable Solid Waste Management, Athens, 21-24 June 2017.
39. Kitsiou D., Tsegas G., Nitis T. & Patera A., *Development of a webGIS tool to assess the accuracy of spatial interpolators in oceanographic studies*, 6<sup>th</sup> International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and SECOTOX conference, Thessaloniki, 25-30 June 2017.
40. Kotta D., Kitsiou D. & Kassomenos P., *Summer Rainfall Event: The Skill of Extreme Forecast Index and Effects on Marine Chlorophyll Concentrations*. 14<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2018, Alexandroupolis, Greece, e-book of proceedings, pp. 547-552, ISBN 978-960-98220-4-6.
41. Patera A., Pataki Z. & Kitsiou D., *The use of webGIS applications in Marine Spatial Planning: A case study in the Aegean Sea*, ECHOPOLIS INTERNATIONAL 2018 "Nature and culture-based strategies and solutions for cities and territories: an idea whose time has come!", Athens, 26-28 November 2018.

#### Participation in scientific research projects (a selection)

##### **Quantitative assessment of eutrophication; criteria development for the management of coastal waters**

FAO/UNEP GRE/68-H, 1991-1994

##### **Development of an Information Technology Tool for the Management of European Southern Lagoons under the influence of river-basin runoff, DITTY Project**

EU (Energy, Environment and Sustainable Development), EESD ESD-3, 2003-2006

##### **Hellenic Network for Marine Acoustics Technology and Development**

Hellenic General Secretariat of Research and Technology, 2003-2005

##### **IDEUNIVERS-Infrastructure of spatial datasets of Universities and Research Centers of the Mediterranean**

Interreg III B- MEDOCC Programme, 2006-2008

##### **ECOSystem approach to Sustainable Management of the Marine Environment and its living Resources (ECOSUMMER)**

EU, Marie Curie Programme, 2006-2009

**Assessment of the impact of anthropogenic activities in the quality of coastal environment and development of environmental quality indicators in the framework of Coastal Zone management according to the Directive 2000/60**

Interreg Programme Greece-Cyprus, 2006-2008

**Advances in geostatistics for environmental classification and management of natural resources**

Hellenic General Secretariat of Research and Technology, 2012-2015

**Automatic detection and classification of meso-scale oceanic phenomena in satellite radar data ASAR**

Hellenic General Secretariat of Research and Technology, 2012-2015

**Transboundary cooperation for the development of marine spatial planning**

Interreg Programme Greece-Cyprus, 2014-2015

**ExPERT Integrated support system for Coastal mixed urban - industrial - critical infrastructure monitoring using Combined technologies (EPIPELAGIC)**

Greek Operational Programme Competitiveness, Entrepreneurship and Innovation (EPAnEK, ESPA) (2014- 2020), Greece-China Cooperation.

**Reviewer in International Scientific Journals**

Environmental Management, Hydrobiologia, GNEST, Environment International, The Science of the Total Environment, Chinese Journal of Oceanology and Limnology, Mediterranean Marine Science, Environmental Research, Geofizika, Journal of Water and Health, Environment Informatics.

**Expert Evaluator of Scientific Research Projects**

01. FP6-2004-Sustainable development, global change and ecosystems, 6-10/12/2004, Brussels.
02. FP7-2010-ENV.2011.4.1.4-2 Assessing the ecosystem status, including fisheries, within the Mediterranean marine coastal areas of North African countries, 12/2010 - 1/2011, Brussels.
03. Polish-Norwegian Research Programme, The Core Call, National Centre for Research and Development, Poland, December 2012.
04. Polish-Norwegian Research Programme, The Small Grant Scheme, National Centre for Research and Development, Poland, February 2013.
05. Croatian Science Foundation (HRZZ). Project entitled: "Assessment of Carrying Capacity for Tourists in Nature Protected Areas", March 2014.
06. Research within Priority Sectors Programme-RO14, The Executive Agency for Higher Education, Research, Development and Innovation Funding, Romania, April 2014.
07. EU-Horizon 2020-WATER-1st stage, May 2014.
08. EU-Horizon 2020-WATER-2nd stage, 27-30/10/2014, Brussels.
09. 2nd Call for proposals within the "Natural environment, agriculture and forestry"- BIOSTRATEG Programme, Poland, September 2015.
10. Marie Skłodowska-Curie Action "Innovative Training Networks" (ITN), EU-H2020-MSCA-ITN-2016, February 2016.
11. Marie Skłodowska-Curie Action "Individual Fellowships", EU-Horizon 2020-MSCA-IF-2016, October 2016.
12. 3<sup>rd</sup> Call for proposals within the "Natural environment, agriculture and forestry"-BIOSTRATEG Programme, Poland, December 2016.
13. Marie Skłodowska-Curie Action "Innovative Training Networks" (ITN), EU-Horizon 2020-MSCA-ITN-2017, February 2017.
14. Marie Skłodowska-Curie Action "Individual Fellowships", EU-Horizon 2020-MSCA-IF-2017, October 2017.
15. Marie Skłodowska-Curie Action "Individual Fellowships", EU-Horizon 2020-MSCA-IF-2018, October 2018.