Leonidas Perivoliotis

Nationality: Greek | **Phone number:** (+30) 2291076400 (Work) | **Email address:** lperiv@hcmr.gr |

Skype: leonidas.perivoliotis | **Address:** 46.7 Km Athens Sounion Road, GR-19013, Anavissos, Greece (Work)

WORK EXPERIENCE

1999 – CURRENT Anavyssos, Greece
SPECIAL SCIENTIST, GRADE A H.C.M.R., INSTITUTE OF OCEANOGRAPHY, 46.7 KM ATHINON-SOUNIOU AVE.

- Research field: Operational Oceanography: monitoring and forecasting in regional & shelf seas; integrated services; information systems; Eulerian and Lagrangian Observatories; Numerical modelling of hydrodynamics; Numerical modelling of oil spill dispersion
- Head of the Operational Oceanography Division, HCMR
- Head of CMEMS Mediterranean InSitu Thematic Assembly Center that collects process and disseminates measurements from ocean observatories along the Med.
- Participation in numerous EU and national projects related with operational oceanography (data management, numerical modelling) as co-ordinator or task responsible

Business or Sector Professional, scientific and technical activities | **Department** HCMR, Institute of Oceanogrpahy |

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1989 – 1998
RESEARCH SCIENTIST UNIVERSITY OF ATHENS, DIVISION OF ENVIRONMENTAL PHYSICS, OCEAN PHYSICS AND MODELLING GROUP

- Research field: Numerical modelling of hydrodynamics
- Participation in EU and national research projects related to numerical modelling

EDUCATION AND TRAINING

1987 – 1989
MSC IN PHYSICAL OCEANOGRAPHY Dept. of Applied Physics, University of Athens, Greece

1981 – 1986
BSC IN PHYSICS Dept. of Physics, University of Athens, Greece

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

Publications

Bourma E., Perivoliotis L., Petihakis G., Korres G., Frangoulis C., Ballas D. et. al. The Hellenic Marine Observing, Forecasting and Technology System, An Integrated Infrastructure for Marine Research. Journal of Marine Science and Engineering, 10 (3), 2022, doi: 10.3390/jmse10030329

Tsabaris C, Androulakaki EG, Ballas D, Alexakis S, Perivoliotis L, Iona A. Radioactivity Monitoring at North Aegean Sea Integrating In-Situ Sensor in an Ocean Observing Platform. Journal of Marine Science and Engineering. 2021; 9(1):77. https://doi.org/10.3390/jmse9010077

Petihakis G, Perivoliotis L, Korres G, Ballas D, Frangoulis C, Pagonis P, Ntoumas M, Pettas M, Chalkiopoulos A, Sotiropoulou M, Bekiari M, Kalampokis A, Ravdas M, Bourma E, Christodoulaki S, Zacharioudaki A, Kassis D, Potiris E, Triantafyllou G, Tsiaras K, Krasakopoulou E, Velanas S, Zisis N. An integrated open-coastal biogeochemistry, ecosystem and biodiversity observatory of the eastern Mediterranean - the Cretan sea component of the POSEIDON system. Ocean Sci 2018;14(5):1223-45, doi:10.5194/os-14-1223-2018

Zodiatis, G., Lardner, R., Alves, T. M., Krestenitis, Y., Perivoliotis, L., Sofianos, S., & Spanoudaki, K. (2017). Oil spill forecasting (prediction). Journal of Marine Research, 75(6), 923-953. doi:10.1357/002224017823523982

De Dominicis, M., Bruciaferri, D., Gerin, R., Pinardi, N., Poulain, P.M., Garreau, P., Zodiatis, G., Perivoliotis, L., Fazioli, L., Sorgente, R., Manganiello, C., 2016. A multi-model assessment of the impact of currents, waves and wind in modelling surface drifters and oil spill. Deep Sea Res.Part II: Top. Stud. Oceanogr.133, 21-38 https://doi.org/10.1016/j.dsr2.2016.04.002

Zodiatis, G., Dominicis,M.D., Perivoliotis,L., Radhakrishnan,H., Georgoudis,E., Sotillo, M., Lardner,R.W., Krokos,G., Bruciaferri,D., Clementi,E., Guarnieri,A., Ribotti, A., Drago,A., Bourma,E., Padorno,E., Daniel,P., Gonzalez,G., Chazot,C., Gouriou, V., Kremer,X., Sofianos, S., Tintore,J., Garreau,P., Pinardi,N., Coppini, G., Lecci,R., Pisano,A., Sorgente,R., Fazioli,L., Soloviev,D., Stylianou,S., Nikolaidis, A., Panayidou,X., Karaolia,A., Gauci,A., Marcati,A., Caiazzo,L., Mancini, M., 2016. The Mediterranean decision support system for marine safety dedicated to oil slicks predictions. Deep Sea Res.Part II: Top. Stud. Oceanogr.133, 4–20. http://dx.doi.org/10.1016/j.dsr2.2016.07.014

Krokos G., Velaoras D., Korres G., Perivoliotis L., Theocharis A.,2014. On the continuous functioning of an internal mechanism that drives the Eastern Mediterranean thermohaline circulation: The recent activation of the Aegean Sea as a dense water source area, Journal Of Marine Systems, Vol.129, 484-489, 2014

L. Perivoliotis, G. Krokos, K. Nittis, G. Korres, 2011, The Aegean Sea Marine Security Decision Support System, doi: 10.5194/os-7-671-2011, Ocean Sci., 7, 671–683, 2011

- **PROJECTS**

Projects

2024-2028: ObsSea4Clim, Funded by EU, PI for HCMR
2024-2028: AMRIT, Funded by EU, PI for HCMR
2023-2026: SUBMERSE, Funded by EU, PI for HCMR
2020-2024: GROOM-II, Funded by EU, PI for HCMR
2020-2024: Jerico DS, Funded by EU, PI for HCMR
2020-2024: Jerico S3, Funded by EU, Participant Scientist (Data management)
2018-2021: Copernicus Insitu TAC, Phase II Funded by Mercator Ocean, PI for HCMR
2018-2020: Hellenic Integrated Marine Inland water Observing, Forecasting and offshore Technology System (HIMIOFoTS), Funded by EPAnEK 2014-2020 Operational Programme, Coordinator
2017-2019, BigDataOcean, Funded by EU, PI for HCMR
2015-2017, Copernicus Insitu TAC, Funded by Mercator Ocean, PI for HCMR
2015-2017: Implementation of an integrated marine monitoring program, Funded by EEA Financial Mechanism (85%) and Greek Public Funds (15%), Coordinator
2015 -2019, Jerico Next, Funded by EU, Participant Scientist (Data management)
2014-2015, MyOcean-FO project, Funded by EU, Participant Scientist (Data management)
2013-2017, FixO3 project, Funded by EU, Participant Scientist (Data management)
2012-2015, KRHPIS-IO, Funded by GSRT, Coordinator
2012-2015, EMSO HELLAS, Funded by GRST, Participant Scientist (Data managemnet)
2012-2015, Greek Argo, Funded by GSRT, Participant Scientist
2012-2015, MEDESS4MS, MED programme, PI for HCMR
2012-2014, IONIO, Interreg-III Greece-Italy, PI for HCMR
2012-2014, MyOcean-II project, Funded by EU, Participant Scientist (Data management)
2011-2015, Jerico project, Funded by EU, Participant Scientist (Data management)
2009-2012, MyOcean project, Funded by EU, Participant Scientist (Data management)
2008-2011, European Ocean Observatory Network – EuroSites, Funded by EU, Participant Scientist (Data management)
2005-2008, Marine and Coastal Information Services MARCOAST, Funded by ESA, PI for HCMR
2005-2008, POSEIDON II, Funded by EFTA-EEA GRANTS, Participant scientist (Numerical modelling and Information Systems)
2007-2009, Building Operational Sustainable Services for GMES, BOSS4GMES, Funded by EU, Participant Scientist (Information Systems)
2007-2009, European Coastal-shelf Sea Operational and forecasting system – ECOOP, Funded by EU, Participant Scientist (Oil spill modelling)
2006-2009, Data Integration System for Eutrophication Assessment in Coastal Waters – INSEA, Funded by EU, Participant Scientist (Numerical modelling)

2008-2010, Global Ocean Observing Infrastructure – EURO ARGO, Funded by EU, Participant Scientist (Information Systems)

2004-2008, Marine EnviRonment and Security in the European Area– Integrated Project, MERSEA-IP, Funded by EU, Participant Scientist (Information Systems)

2004-2007, An integrated Operational Wave Monitoring and Forecasting System with applications to Shipping in Greece – ESPEN, Funded by GSRT – EPAN, Participant Scientist (Information Systems)

2003-2004, Real-time Ocean Services for Environment and Security – ROSES, Funded by ESA, PI for HCMR

ORGANISATIONAL SKILLS

Organisational skills

- Head of the Operational Oceanography Division, HCMR
- Head of the CMEMS Mediterranean InSitu TAC component
- Head of the MonGOOS Data Center
- Member of the Science Service Group of EMSO ERIC
- Scientific team manager for HCMR participation in many European projects

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Advanced communication skills gained through my participation in numerous European projects during the last 25 years.

JOB-RELATED SKILLS

Job-related skills

- Data management – Extensive experience through the coordination of the Mediterranean Insitu TAC and the MonGOOS Data Center
- Data analysis on InSitu Data
- Hydrodynamic numerical modelling