

PERSONAL INFORMATION

Michael Ravdas

 Athinon - Souniou Ave (46.7th km), 19013 Anavyssos (Greece),

 (+30) 2291076402

 mravdas@hcmr.gr

EDUCATION AND TRAINING

2000–2005 B.Sc. in Applied Mathematics

University of Crete

2005–2008 M.Sc. in Environmental Physics – Meteorology

National and Kapodistrian University of Athens

2010–2013 M.Sc. in Oceanography and Management of Marine Environment

National and Kapodistrian University of Athens

2016–Present Ph.D. candidate in School of Civil Engineering

Aristotle University of Thessaloniki

Internship

Hellenic National Meteorological Service (autumn 2005)

WORK EXPERIENCE

2012–2015 Ocean Physics and Modeling Group (OPAM), Division of Environmental Physics, University of Athens (www.oc.phys.uoa.gr)

2015–Present Hellenic Centre of Marine Research (HCMR), Institute of Oceanography (www.hcmr.gr)

PERSONAL SKILLS

Mother tongue(s) Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
First Certificate in English (FCE)					
Norwegian (Nynorsk)	A2	A2	A2	A2	A2
TRINN 1					

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

Job-related skills **Computational Skills :**

- Fortran, Matlab, Python, C, SPSS, Statistica, ArcGIS, Linux, Windows

ADDITIONAL INFORMATION

Research Activities:

- Copernicus MED_MFC Waves, 2015-2021 HCMR (EU Funding) (<http://marine.copernicus.eu/>)
- Implementation of an integrated marine monitoring program in compliance with the requirements of the EU Marine Strategy Framework Directive 2008/56/EC, EEA, 2015-2017, HCMR
- Mediterranean Decision Support System for Marine Safety, 2012-2015, IASA - University of Athens (EU Funding) (www.medess4ms.eu)
- ARSOCEANS – Operational System for the sea modeling (Republic of Slovenia – EU Cohesion Funds), 2012-2014, BRON Slovenia –University of Athens (Technical Coordinator)
- MyOcean2 (www.myocean.eu)

Publications :**- Conference Proceedings :**

- **Ravdas M.**, Sofianos S., Mantziafou A., Vervatis V.,: *The Dynamics of Ionian Sea and its climatic implication: Interannual simulation for the period 1960-2000*, EGU, Vienna 2013, (Oral Presentation)
- Sofianos S., Ozsoy E., Gertman I., Vervatis V., **Ravdas M.**,: *Deep Water Variability and Controlling Mechanisms in the Eastern Mediterranean Sea*, AGU, Hawaii 2014, (Poster Presentation)
- Sofianos S., Vervatis V., Mantziafou A., **Ravdas M.**,: *Investigating Deep-Water Formation Variability in the Aegean Sea and its Influence in the Adjacent Basins Deep Circulation*. Medclivar Conference, Ankara, Turkey, 2014
- Licer M., Smerkol P., Fettich A., **Ravdas M.**, Papapostolou A., Mantiafou A., Strajnar B., Cedićnik J., Jeromel M., Petan S., Malacic V., Sofianos S.,: *Ocean Dynamics Simulation during an Extreme Bora Event using a Two-Way Coupled Atmosphere-Ocean Modeling System*, EGU, Vienna 2015, (Poster Presentation)

- Scientific Journals :

- Licer M., Smerkol P., Fettich A., **Ravdas M.**, Papapostolou A., Mantiafou A., Strajnar B., Cedićnik J., Jeromel M., Petan S., Malacic V., Sofianos S.,: *Modelling ocean response to an extreme Bora event in Northern Adriatic using one-way and two-way atmosphere-ocean coupling*. Ocean Science Discussions, 2015, 12(4):1389-1431, DOI: 10.5194/osd-12-1389-2015
- Petihakis, G., Perivoliotis, L., Korres, G., Ballas, D., Frangoulis, C., Pagonis, P., Ntomas, 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., and 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.*, 14, 1223-1245, <https://doi.org/10.5194/os-14-1223-2018>, 2018.

· **Ravidas, M.**, Zacharioudaki, A., and Korres, G.: Implementation and validation of a new operational wave forecasting system of the Mediterranean Monitoring and Forecasting Centre in the framework of the Copernicus Marine Environment Monitoring Service, *Nat. Hazards Earth Syst. Sci.*, 18, 2675-2695, <https://doi.org/10.5194/nhess-18-2675-2018>, 2018.