

Kyriaki (Korina) Mosiou



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Academic Education

- a) Ph.D candidate, Department of Marine Sciences, University of the Aegean, 2021-now
- b) M.Sc Ship and Marine Technology, School of Naval Architecture and Marine Engineering, National Technical University of Athens, 2021
- c) B.Sc Department of Marine Sciences, University of the Aegean, 2019

Scientific Interests

- a) Surface wave dynamics
- b) Air-Sea interactions

Participation in Research Programs

Coastal Environment Observatory and Risk Management in Island Regions (AEGIS+), 2021-2023. The project "Coastal Environment Observatory and Risk Management in Island regions (AEGIS+)" (MIS 5047038), (MIS 5047038) is implemented within the Operational Programme "Competitiveness, Entrepreneurship and Innovation" (NSRF 2014-2020), cofinanced by the Hellenic Government (Ministry of Development and Investments) and the European Union (European Regional Development Fund, Cohesion Fund).

Work Experience

- a) Research Assistant, Physical and Chemical Oceanography Lab, Department of Marine Sciences, University of the Aegean, 2021-now
- b) Internship at Hellenic Center for Marine Research – HCMR, Anavyssos, 2018

Computer specific hard skills

- a) SWAN wave model – coastal wind wave simulations
- b) MIKE 21 Spectral Waves Module - open sea waves simulation
- c) Matlab computing environment - coding, processing and visualization of scientific datasets
- d) CDO, NCO – processing of scientific datasets
- e) Linux and Windows environments
- f) VM Virtual Box (Oracle)

g) MS Office, Libre Office, Tex - creation of reports and presentations

Language Skills

- a) English: Cambridge First Certificate in English (B2)
- b) Español: Instituto de Cervantes, Diploma de Español como lengua extranjera (nivel C1: dominio operativo eficaz)
- c) Greek (Native Speaker)

Participation in International Conferences

Korina Mosiou, Ioannis Mamoutos, Vasilis Zervakis, Elina Tragou and Evangelia Krasakopoulou: *Assesing the wind wave climate at several scales in the offshore and coastal zones*. Proceedings of the 2nd International Scientific Conference on Design and Management of Harbor Coastal and Offshore works, Volume I, Thessaloniki, Greece, May 24-27 2023. Part of ISBN: 978-960-99922-7-5.

Vassilis Zervakis, Evangelia Krasakopoulou, Elina Tragou, Vassilis Kolovoyiannis, Ioannis Mamoutos, Manos Potiris, Ioannis Androulidakis, **Korina Mosiou**, Maria Ignatia Kalatzi, Aikaterini Anna Mazioti, Christos Chatzilaou, Rafailia Filitsa Kougioumtzoglou and Stamatios Petalas: *Development of a Coastal Oceanographic Observatory for the North Aegean Sea: the AEGIS Projects*. EGU General Assembly, Vienna, Austria, April 2023. DOI:[10.5194/egusphere-egu23-13065](https://doi.org/10.5194/egusphere-egu23-13065).

Vassilis Kolovoyiannis, Aikaterini Anna Mazioti, Evangelia Krasakopoulou, Vassilis Zervakis, Eleni Anthi Tragou, Ioannis Mamoutos, Emmanouil Potiris, Stamatios Petalas, Christos Chatzilaou, **Kyriaki Mosiou**, Harilaos Kontoyiannis, Vasiliki Paraskevopoulou and Alexandros Athiniotis: *Implementation of a modelling system for the investigation of the Saronikos Gulf marine ecosystem (Eastern Mediterranean)*. EGU General Assembly, Vienna, Austria, April 2023. DOI:[10.5194/egusphere-egu23-12514](https://doi.org/10.5194/egusphere-egu23-12514).

Experience in High Performance Computing Systems

National HPC infrastructure (hpc.grnet.gr), IMASGECOZ project, duration: 2021-2022, wind waves simulation with SWAN model.