

PERSONAL INFORMATION



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✉ [skior@hcmr.gr](mailto:skior@hcmr.gr)

Sex Male | Date of birth 25/04/1964 | Nationality Greek

POSITION

2016 - today Research Personell

In Hellenic Centre for Marine Research (HCMR), Institute of Oceanography, 46.7 km Athens-Sounio Ave., 19013 Anavissos, Attica, Greece, <https://www.hcmr.gr/en/> (Public sector)

Research on turbulent mixing and physical oceanographic data analysis. Responsible of physical oceanography workpackages for Projects 'BENTHOS ANTIKYRA', 'HALMETAL', regarding the monitoring of the state of sea at the proximity of nearshore, major industries.

1996-2015 , Senior research assistant

Hellenic Centre for Marine Research (HCMR), Institute of Oceanography, 46.7 km Athens-Sounio Ave., 19013 Anavissos, Attica, Greece, <https://www.hcmr.gr/en/> (Public sector)

Data processing, software development and data analysis on physical oceanographic data (CTD, ADCP) GIS and WebGIS

EDUCATION AND TRAINING

(2009 - 2013) **PhD in Physical Oceanography, grade a, excellent** 8

Department of Marine Sciences of the University of the Aegean

- PhD level, independent research of vertical mixing (overturning and double diffusion) in the East Med and Black Sea. Data Analysis and development of an innovative theory of probability of turbulent mixing within the frame of the mega-project SESAME

(1987- 1992) **Mphil in Physical Oceanography, grade a, excellent**

Department of Physics and Physical Oceanography of Memorial University of Newfoundland, Canada

- Master of Philosophy in Physical Oceanography, with graduate courses Thesis and field work of 2 years in Puerto Rico island of Carribean, to study the dispersion and tracks of fish eggs of *Thalassoma Bifasciatum*. Interdisciplinary research combining Marine Biology and Physical Oceanography (Lagrangian Drifter tracking for 24 hours each experiment. Statistical Lagrangian analysis of the acquired drifter data, publication of results and writing of Thesis. Teaching Assistant.

(1982- 1987) **BSc in Physics, grade very good (80%)**

Department of Physics of the National Capodestrian University of Athens, Greece

Mother tongue(s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2

Kleines Deutsches Sprachdiplom				
Spanish	A1/A2	A1/A2	A1/A2I	A1/A2

Communication skills

- Good communication skills gained through my cooperation with colleagues

Organisational / managerial skills

- Organization and management of data acquisition and processing (currently workpackage leader in two projects)

Job-related skills

- skillfull software development (currently running 1 an HPC supercomputer project of 2.000.000 core hours)

Digital skills

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

Levels: Basic user - Independent user - Proficient user

Digital competences - Self-assessment grid

good command of programming tools (Matlab, within the frame of data analysis)
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Driving licence

B

Publications  
(most recent)

Kontoyiannis, H., Velaoras, D., Papadopoulos, V., **Kioroglou, S.**, in press: [Current structures and topographic Rossby waves in the Levantine basin south of Crete revealed by snapshot and time series current measurements](#). Deep Sea Research Part II: Topical Studies in oceanography

Kokkini, Z., Zervakis, V., Mamoutos I., Potiris, E., Frangoulis, C., **Kioroglou, S.**, Maderich, V., Psarra, S, October 2017: [Quantification of the surface mixed-layer lateral transports via the use of a HF radar: Application in the North-East Aegean Sea](#). Continental Shelf Research, 149, 17-31

**Kioroglou S.**, Tragou E., Zervakis V., Georgopoulos D., Barak Herut, Isaak Gertman, Vedrana, Kovacevic, Emin Ozsoy, Ersin Tutsak, July, 2014: Vertical diffusion processes in the Eastern Mediterranean — Black Sea System. Journal of Marine Systems, 135, 53-63

**Kioroglou S.**, Tragou E., Zervakis V., Oct, 2013: Assessing shelf mixing using CTD, ADCP, and free falling shear probe turbulence data. Continental Shelf Research, 69, 73-87.

Projects  
(most recent)

ANTI KYRA-BENTHOS, HALMETAL, SESAME

Conferences  
(most recent)

**Kioroglou S.**, 2018: On a new statistical model of zooplankton DVM related prey-predator interactions. Proceedings of the 12<sup>th</sup> Panellenic symposium of oceanography and fisheries

**Kioroglou S.**, 2014. On the probability of a displacement within an overturn. The influence of structural details of the potential density profile. Proceedings IEEE/MTS Oceans14 Conference, St. John's, Canada

Roughan, M., Schaeffer, A. & **Kioroglou, S.** 2013. [Assessing the design of the NSW-IMOS Moored Observation Array from 2008-2013: Recommendations for the future](#). Proceedings IEEE Conference, San Diego, 2013.