

PERSONAL INFORMATION

Maria Sotiropoulou

 HCMR / IO, 46.7km Athens-Sounio Ave., GR-19013 Anavyssos (Greece)

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 marsot@hcmr.gr

WORK EXPERIENCE

11/02/2013–Present

Software engineer

Hellenic Centre for Marine Research
46.7km Athens-Sounio Ave., GR-19013 Anavyssos (Greece)
www.poseidon.hcmr.gr

- Development and implementation of Database and Web Interface (<http://oceanobs.mongoos.eu>) for the data management of the observatories available through the Mediterranean Operational Network for the Global Ocean Observing System (MonGOOS).
- Implementation quality control and NetCDF creation from near real time datasets following the Copernicus Service standards.
- Development and implementation of the monitoring and alerting system for the POSEIDON oceanographic observations system.
- Development of web based piloting tool for the steering of autonomous underwater research vehicles (SeaExplorer Glider).
- Development and implementation of Copernicus Marine In Situ website (<http://www.marineinsitu.eu>).
- Technical manager for the Mediterranean In Situ TAC component and the Mediterranean MFC Wave component of CMEMS.
- Participation in European and National funded projects.

Business or sector Institute of Oceanography

EDUCATION AND TRAINING

20/11/2009–15/02/2013

MsC in Theoretical Computer Science

EQF level 7

National and Kapodistrian University of Athens, Department of Informatics and Telecommunications, Athens (Greece)

21/09/2005–18/11/2009

Informatics and Telecommunications Degree

EQF level 6

National and Kapodistrian University of Athens, Department of Informatics and Telecommunications, Athens (Greece)

PERSONAL SKILLS

Mother tongue(s)

Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
CERTIFICATE OF PROFICIENCY IN ENGLISH (CPE)					

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** Good communication skills gained through my participation in several European and Nationally funded projects and through oral and poster presentations at international meetings and conferences
- Job-related skills** Good organisational and managerial skills gained as technical manager in European and Nationally funded projects
- Digital skills**
- Server administration: Unix, Linux
 - Database Management Systems: MySQL, PostgreSQL
 - Programming languages: Python, PHP, C
 - Web design and development tools and techniques: HTML5, Javascript, CSS3, jQuery, Drupal
 - NetCDF4 processing tools

ADDITIONAL INFORMATION

- Projects**
- Copernicus Marine Environmental Monitoring Phase II project, Funded by EU, Technical manager for the Mediterranean In Situ TAC component and the Mediterranean MFC Wave component (2018 - 2021)
- ENVRI - FAIR project, Funded by EU, representative of the Hellenic Arc in the Data Management Service Group (2018 - 2021)
- Big Data Ocean project, Funded by EU, Mare Protection Pilot (2017 - 2019)
- Copernicus Marine Environmental Monitoring project, Funded by EU, Data management (2015 - 2018)
- MyOcean - FO project, Funded by EU, IT Administration, Data management (2014 - 2015)
- EMSO - Greek component project, Funded by EU, Data management (2012 - 2015)
- Greek Argo project, Data management and Website development (2012 - 2015)
- IONIO, Interreg-III Greece-Italy, System integration (2012 - 2014)
- MyOcean-II project, Funded by EU, Data management (2011 - 2014)
- Publications**
- Frangoulis K., Petihakis G., Perivoliotis L., Korres G., Ballas D., Pagonis P., Ntoumas M., Pettas M., Sotiropoulou M., Bekiari M., Kalampokis A., Ravdas M., Bourma E., Christodoulaki S., Zacharioudaki A., Triantafyllou G., Tsiaras K., Varotsou E., Velanas S. : The POSEIDON Supersite Observatory. A Technological Test-bed for the Eastern Mediterranean, June 2019, Conference: OCEANS 2019 – Marseille. DOI: 10.1109/OCEANSE.2019.8867105
- Petihakis G., Perivoliotis L., Korres G., Ballas D., Frangoulis K., 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 opencoastal biogeochemistry, ecosystem and biodiversity observatory of the Eastern Mediterranean. The Cretan Sea component of POSEIDON system, Ocean Sci, February 2018. DOI: 10.5194/os-2018-3
- Presentations**
- Evi Bourma, Maria Sotiropoulou, Antonis Chalkiopoulos and Leonidas Perivoliotis, “BigDataOcean: Exploiting oceans of data for marine applications”, MonGOOS Workshop proceedings on operational oceanography downstream services, Genoa, 4-5th of December 2018