

PERSONAL INFORMATION



Dimitris Kassis

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Sex Male | Date of birth 08/04/1976 | Nationality Greek

WORK EXPERIENCE

Post-Doctoral Research Associate

Hellenic Centre for Marine Research (HCMR), Institute of Oceanography, Athens, Greece
46.5 km Athens-Sounio Ave., GR-190 13 Anavyssos, Attica (Greece)

www.hcmr.gr

Post-Doctoral research associate of the Institute of Oceanography of HCMR and member of "POSEIDON" operational system scientific team. Involved in several national and EU multidisciplinary research and operational projects focusing on infrastructure, ocean circulation, biochemical distribution, data management and quality control procedures. Monitoring and maintenance of multi-parametric moored stations and implementation of Argo floats. Several papers also published in scientific journals, national and international conferences and workshops.

Business or sector Public Research Centre

01/02/2007–01/04/2017

Research Associate

Hellenic Centre for Marine Research (HCMR), Institute of Oceanography, Athens, Greece,
Anavyssos, Attica (Greece)

- Operational oceanographic data management and QC procedures
- Implementation of ocean monitoring systems, acquire and analysis of field measurements
- Argo floats deployment and monitoring
- Implementation of Greek Argo and Euro-Argo ERIC activities

01/04/2017–Present

Post-Doctoral Research Associate

Hellenic Centre for Marine Research (HCMR), Institute of Oceanography, Athens, Greece,
Anavyssos, Attica (Greece)

- Argo floats deployment and monitoring
- Management of Greek Argo and its representation in Euro-Argo ERIC activities
- Coordination of Euro-Argo RISE H2020 for HCMR
- Implementation of the Greek MSFD programme
- Monitoring and assessment of Underwater Noise for the Greek Seas

EDUCATION AND TRAINING

04/01/2004

B.Sc. in Physics

EQF level 6

National and Kapodistrian University of Athens, Athens (Greece)

General Physics

Environmental Physics and Meteorology

Education

01/10/2006 **M.Sc. in Marine and Ocean Technology and Science** EQF level 7
 National Technical University of Athens, Athens (Greece)

31/03/2017 **Doctor of Philosophy in Physical Oceanography** EQF level 8
 National Technical University of Athens - SCHOOL OF NAVAL ARCHITECTURE & MARINE ENGINEERING, Athens (Greece)
 PhD thesis: "Operational *in-situ* monitoring of the Greek seas as a tool to describe hydrodynamic variability and its effect on the biochemical distribution"

PERSONAL SKILLS

Mother tongue(s) Greek

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
National Foreign Language Exam System - School of Philosophy Department of English Language and Literature					

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

Communication skills Excellent communication skills gained through the participation in several National and European research projects and European and International organisations, scientific, and technical working groups.
 Excellent contact skills with children gained through my experience in the HCMR Educational department activities

Organisational / managerial skills Dimitris Kassis has had active role in many National and European research projects. He has managed the participation of HCMR in SIDERI FP7 project, coordinated 2 tasks in PERSEUS FP7 project. Since 2015 he has undertaken the monitoring and management of the Greek Argo Research Infrastructure and its representation at the Management Board of the Euro-Argo ERIC (European Research Infrastructure Consortium). Since 2017 he has been working on the implementation and deployment of the first Greek deep water cabled platform (EMSO- Hellenic Site) and on the implementation of the Greek MSFD with regards to the monitoring and assessment of underwater noise. Since 2019 he is coordinating the Euro-Argo RISE H2020 project for HCMR.

Job-related skills Participation in more than 35 research cruises with the Research Vessels "AEGAEON" and "FILIA", he has been a member of the Poseidon Calibration Team, he is a member of the HCMR Scientific Scuba Diving Team, and member of the HCMR Educational Department. He has been involved in many projects' deliverables and technical reports and he has participated in many proposals for research grants. He has published more than 10 original scientific articles in internationally peer-reviewed journals with more than 100 citations (impact factor 24, h-index 6), 1 book chapter, and more than 20 papers in international conferences proceedings.

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

Digital skills - Self-assessment grid

State Certificate - Office Suite

Good command on Fortran programming

Very good command on Matlab programming

Basic command on Python programming

ADDITIONAL INFORMATION

Publications

- **Kassis, D.**, Korres, G., 2019. Hydrography of the Eastern Mediterranean basin derived from Argo floats profile data. *Deep Sea Research Part II: Topical Studies in Oceanography*, 2019, 104712, ISSN 0967-0645, <https://doi.org/10.1016/j.dsr2.2019.104712>
- 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., 2018. 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>
- **Kassis, D.**, Korres, G., Konstantinidou, A., Perivoliotis, L., 2017. Comparison of high-resolution hydrodynamic model outputs with in situ Argo profiles in the Ionian Sea. *Mediterranean Marine Science*, 0, 22-37. doi:10.12681/mms.1753
- Bray, L., **Kassis, D.**, Hall-Spencer, J.M., 2017. Assessing larval connectivity for marine spatial planning in the Adriatic. *Marine Environmental Research* 125, 73–81
- **Kassis, D.**, Krasakopoulou, E., Korres, G., Petihakis, G., Triantafyllou, G.S., 2016. Hydrodynamic features of the South Aegean Sea as derived from Argo T/S and dissolved oxygen profiles in the area. *Ocean Dyn.* 1–18. doi:10.1007/s10236-016-0987-2
- **Kassis, D.**, Korres, G., Petihakis, G., Perivoliotis, L., 2015. : Hydrodynamic variability of the Cretan Sea derived from Argo float profiles and multi-parametric buoy measurements during 2010–2012. *Ocean Dynamics*, 15-00058. DOI: 10.1007/s10236-015-0892-0
- Lykousis, V., Nittis, K., Ballas, D., Perivoliotis, L., **Kassis, D.**, Pagonis, P., Sakellariou, D., 2015: The Hellenic deep sea observatory site. Science objectives and implementation. DOI: 10.1007/978-3-642-11374-1_5 In “Seafloor Observatories: A New Vision of the Earth from the Abyss”, Springer-Praxis Books in Geophysical Sciences edited by P. Favali, L. Beranzoli, A. De Santis, 10/2014: chapter 5: pages 81-103; Springer-Verlag Berlin Heidelberg., ISBN: 978-3-642-11373-4
- Velaoras, D., **Kassis, D.**, Perivoliotis, L., Pagonis, P., Hondronasios, A., Nittis, K., 2013. Temperature and salinity variability in the Greek Seas based on POSEIDON stations time series: preliminary results. *Mediterranean Marine Science*, 14(3), 5-18. doi:10.12681/mms.446
- **Kassis D.**, Nittis K., Perivoliotis L., 2013. Hydrodynamic variability based on the multi-parametric POSEIDON Pylos observatory of the south Ionian Sea. *Ocean Sci. Discuss.*, 10, 883–921, 2013 www.ocean-sci-discuss.net/10/883/2013/ doi:10.5194/osd-10-883-2013
- Chronis, T., Raitzos, D.E., **Kassis, D.**, Sarantopoulos, A., 2011: The Summer North Atlantic Oscillation Influence on the Eastern Mediterranean. *J. Climate*, 24, 5584–5596. doi: <http://dx.doi.org/10.1175/2011JCLI3839.1>

Projects

- 2007-2008: **MERSEA** (FP7): Marine Environment and Security for the European Sea
- 2007-2010: **ECOOP** (FP7): European Coastal-shelf Sea Operational and forecasting system
- 2009-2011: **EuroSITES** (FP7): European Ocean Observatory Network
- 2007-2013: **POSEIDON II & III** (EFTA-National)
- 2009- 2014: **MyOcean I & II** (FP7)
- 2011- 2014: **GROOM** (FP7): Gliders for Research, Ocean Observation and Management
- 2011- 2014: **EGO** (Cost Action)
- 2011- 2014: **JERICO** (FP7) Joint European Research Infrastructure network for Coastal Operational Observatories
- 2011- 2015: **PERSEUS** (FP7): Policy-orientated marine environmental research for the southern European seas
- 2012- 2014: **SIDERI** (FP7): Strengthening the international dimension of Euro-Argo Research Infrastructure
- 2012- 2015: **Greek ARGO** (NSRF): National contribution to Argo programme
- 2011- 2015: **SMOS-MODE** (COST Action): Coordinating the European studies concerning the data exploitation of the Soil Moisture and Ocean Salinity
- 2015-Today: **Euro-Argo ERIC** (European Research Infrastructure Consortium)
- 2016-2017: **EMSODEV** (FP7)
- 2017-2019: **EMSO-Link** (Horizon 2020)

- 2019 – 2022: **Euro-Argo RISE** (Horizon 2020)
- 2018 – 2023: **Greek MSFD Programme** (Implementation of the Marine Strategy Framework Directive for the Greek Seas (NSRF))
- 2018 - 2021: **QUIETMED II** (Joint programme on noise (D11) for the implementation of the Second Cycle of the MSFD in the Mediterranean Sea)