



## Europass Curriculum Vitae



### Personal information

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Nationality Greek  
Date of birth 25/11/1951

### Desired employment / Occupational field

**Research Director, Hellenic Centre for Marine Research (HCMR) - Emeritus**

### Research Interests

**Marine Ecosystem functions, Marine Pollution, Marine and coastal environment, biology of marine mammals**

### Work experience

|                                      |                                                                                       |
|--------------------------------------|---------------------------------------------------------------------------------------|
| Dates                                | 1981-1985                                                                             |
| Occupation or position held          | Permanent Research Personnel at the Institute of Oceanographic and Fisheries Research |
| Main activities and responsibilities | Research in Ecotoxicology, Jellyfish Ecology, Biology of open sea waters.             |
| Name and address of employer         | IOFR                                                                                  |
| Type of business or sector           | Research Centre                                                                       |
| Dates                                | 1985-today                                                                            |
| Occupation or position held          | Researcher at HCMR (Research Director since 1992)                                     |
| Main activities and responsibilities | Marine Ecology, toxicology                                                            |
| Name and address of employer         | HCMR                                                                                  |
| Type of business or sector           | Research Centre                                                                       |

### Positions held

2017-2018 (Sabbatical): King Abdullah University of Science and Technology (KAUST): Position: Project Manager for the Saudi Arabia's Mega -Projects in the Red Sea (RED SEA and NEOM).  
2010-today. National Representative in the EU FP6 "Environment (including Climate Change)"  
2012 (Sep-Dec):. Acting Director of the Institute of Oceanography, Hellenic Centre for Marine Research, Greece  
2009-2011. Acting Director of the Institute of Oceanography, Hellenic Centre for Marine Research, Greece  
2003-2006. Director of The Institute of Oceanography of the Hellenic Centre for Marine Research, Greece  
2002-2005. National Representative in the EU FP6 "Global Change and Ecosystems"  
2001-2003. Alternant Member of the Greek Scientific Council of Research and Technology

2001-2003. National Representative for the Water Framework Directive Key Activity 2: Develop guidance on technical issues Project 2.4: Guidance on the development of typology and classification systems for transitional and coastal waters (August 2001-September 2002).

2000-2003. National Representative in the EU FP5 "Environment and Sustainable Development"

1999-2000. Chairperson of the Scientific Advisory Board of the Institute of Oceanography

1996-1999. European Environment Agency. Project Manager for Marine and Coastal Environment in EEA.

1986-1987. National Expert in EC (DG Environment)

## Education and training

|                                                                |                                                                           |
|----------------------------------------------------------------|---------------------------------------------------------------------------|
| Dates                                                          | 1979.                                                                     |
| Title of qualification awarded                                 | Ph.D. in Marine Zoology                                                   |
| Principal subjects/occupational skills covered                 | Effects of Heavy Metals on Marine Crustacea                               |
| Name and type of organisation providing education and training | University of Wales, University College of Swansea, Department of Zoology |
| Dates                                                          | 1975                                                                      |
| Title of qualification awarded                                 | B.Sc in Biology, University of Athens, Biology Dept.,                     |
| Principal subjects/occupational skills covered                 | Biology                                                                   |
| Name and type of organisation providing education and training | University of Athens                                                      |

## Personal skills and competences

Mother tongue(s) **Greek**

Other language(s)

Self-assessment  
*European level (\*)*

**English**

**French**

| Understanding |         | Speaking           |                   | Writing |  |
|---------------|---------|--------------------|-------------------|---------|--|
| Listening     | Reading | Spoken interaction | Spoken production |         |  |
| Fluent        | Fluent  | Fluent             | Fluent            | Fluent  |  |
| Fair          | Fair    |                    |                   |         |  |

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences Teams/group work. Project Manager at EEA, Leading HCMR Group in ETC/MC (later ETC Water). Editor of two International Reports on the Mediterranean EEA and UNEP/MAP Collaboration); Project Manager at KAUST (Saudi Arabia).

Organisational skills and competences Scientific Coordinator of big EU projects, Director of the biggest Institute in HCMR

Technical skills and competences See the Annex of Publications

Computer skills and competences Excellent knowledge of Office Programmes (Word, Excel, PowerPoint)

Other skills and competences

## Additional information **Participation in Research Projects ( since 2000) (Scientific or National Coordinator and WP leader)**

2017 (July)-2018 (Oct): Project Manager for the Red Sea Projects (RED SEA and NEOM)

2015-2017 (June): BlueMED EU Project, H2020, WP Leader

2012-2016. Scientific Coordinator of the EU FP7 Project PERSEUS

2014-2016: National Coordinator of the EU FP7 Project COCONET  
2006-2011. Scientific Coordinator of the EU FP6 Integrated Project SESAME  
2006-2008. Eyriali. Research Project from General Secretariat of Research and Technology. National Coordinator  
2005-2008. POSEIDON-II. Deputy Coordinator  
2005-2008. Okeanos Research Project from General Secretariat of Research and Technology. National Coordinator.  
2003-2005. EU R& D Project COMMODE FP6 National Coordinator  
2004-2005. EU R&D Project IASON. Specific Support Action (Scientific Coordinator)  
2001-2004. EU R&D Project INTERPOL., WP Leader  
2001-2002. EU Study on the Article 7 Directive 76/464/EEC. DG Environment (Project Leader)  
2002-2004. EU Project ORION, Leonardo from DG Education (HCMR Responsible)  
2001-2003. EU R&D Project on "Biological Effects of Environmental Pollution In Marine Coastal Ecosystems (BEEP)" (Responsible for E. Mediterranean)

#### Public engagement:

Creator of 10 documentary episodes in the Greek Sea (showed by SKAI TV ) of Nautilus (can be found on line in : [www.explorenautilus.com](http://www.explorenautilus.com) )

## Annexes

### I. Publications

## Annexes

### I. Recent Research Publications

Apostolaki E. T., S. Vizzini, V. Santinelli, H. Kaberi, C. Andolina, E. Papathanassiou, 2019. Exotic *Halophila stipulacea* is an introduced carbon sink for the eastern Mediterranean Sea, Nature Scientific Reports, <https://doi.org/10.1038/s41598-019-45046-w>

Diogou N., D. M. Palacios, J. A.. Nystuen, E. Papathanassiou, S. Katsanevakis, H. Klinck , 2019. Sperm whale (*Physeter macrocephalus*) acoustic ecology at Ocean Station PAPA (Gulf of Alaska) – Part 1: Detectability and seasonality <https://doi.org/10.1016/j.dsr.2019.05.007>

Diogou N., D. M. Palacios, J. A.. Nystuen, E. Papathanassiou, S. Katsanevakis, H. Klinck , 2019. Sperm whale (*Physeter macrocephalus*) acoustic ecology at Ocean Station PAPA in the Gulf of Alaska – Part 2: Oceanographic drivers of interannual variability <https://doi.org/10.1016/j.dsr.2019.05.004>.

Diogou N., H. Klinck A. Frantzis, J. A.. Nystuen, E. Papathanassiou, S. Katsanevakis, 2019. Year-round acoustic presence of sperm whales (*Physeter macrocephalus*) and baseline ambient ocean sound levels in the Greek Seas Mediterranean Marine Science DOI: <http://dx.doi.org/10.12681/mms.18769>

Karageorgis A. P. Drakopoulos P.G. S. Psarra, K. Pagou. E. Krassakopoulou, A.C Banks, D. Velaoras, N. Spyridakis & E. Papathanassiou, (2017). Particle characterization and composition in the NE Aegean Sea: Combining optical methods and biogeochemical parameters Continental Shelf Research. doi: 10.1016/j.csr.2017.03.008

Ioakeimidis C., K. N. Fotopoulou, H. K. Karapanagioti, M. Geraga, C. Zeri, E. Papathanassiou, F. Galgani & G. Papatheodorou (2016) The degradation potential of PET bottles in the marine environment: An ATR-FTIR based approach. Nature Scientific Reports 6, 23501; doi: 10.1038/srep23501.

Karageorgis, A.P., Gardner, W.D., Mikkelsen, O.A., (...), Anagnostou, C., Papathanassiou, E. (2014). Particle sources over the Danube River delta, Black Sea based on distribution, composition and size using optics, imaging and bulk analyses. Journal of Marine Systems, 131: 74-90

Ioakeimidis C., C. Zeri, H. Kaberi, M. Galatchi, K. Antoniadis, N. Streftaris, F. Galgani, E. Papathanassiou, G. Papatheodorou (2014). A comparative study of marine litter on the seafloor of coastal areas in the Eastern Mediterranean and Black Seas. Marine Pollution Bulletin Mar. Pollut. Bull. 89:296-304, DOI: 10.1016/j.marpolbul.2014.09.044

Gogou, A., Sanchez-Vidal, A., Durrieu de Madron, X., (...), Stavrakaki, I., Papathanassiou, E. (2014) Carbon flux to the deep in three open sites of the Southern European Seas (SES) Journal of Marine Systems, 129: 224-233

- Zeri, C., Beşiktepe, T., Giannakourou, A., Scoullou, M., Papathanassiou, E. (2014) Chemical properties and fluorescence of DOM in relation to biodegradation in the interconnected Marmara-North Aegean Seas during August 2008. *Journal of Marine Systems*, 135: 124-136
- Kaberi, H., Streftaris, N., & Papathanassiou, E. (2014). Assessing and predicting marine ecosystem changes in the Southern European Seas - *SESAME Journal of Mar. Systems* 135:1-5
- Roder C., M. L. Berumen, J. Bouwmeester, E. Papathanassiou, A. Al-Suwailem & C. R. Voolstra (2013). First biological measurements of deep-sea corals from the Red Sea. *Nature Scientific Reports* 3, doi:10.1038/srep02802 <http://www.nature.com/srep/2013/131003/srep02802/full/srep02802.html>
- Theodosi, C., Stavrakakis, S., Koulaki, F., Stavrakaki, I., Moncheva, S., Papathanassiou, E., Sanchez-Vidal, A., Koçak, M., Mihalopoulos, N. (2013). The significance of atmospheric inputs of major and trace metals to the Black Sea. *J. Mar. Sys.*, 109-110: 94-102
- Karageorgis, A.P., Papadopoulos, V.P., Georgopoulos, D., Kanellopoulos, T.D., Papathanassiou, E. (2012). Monitoring physical properties of a submarine groundwater discharge source at Kalogria Bay, SW Peloponnissos, Greece. *EPJ Web of Conferences*
- Strogyloudi, E., Angelidis, M.O., Christides, A., Papathanassiou, E. (2012). Metal concentrations and metallothionein levels in *Mytilus galloprovincialis* from Elefsis bay (Saronikos gulf, Greece). *Environmental Monitoring and Assessment* 184 (12), pp. 7189-7205
- Tsabaris, C., Patiris, D.L., Karageorgis, A.P., Eleftheriou, G., Papadopoulos, V.P., Georgopoulos, D., Papathanassiou, E., Povinec, P.P. (2012). In-situ radionuclide characterization of a submarine groundwater discharge site at Kalogria Bay, Stoupa, Greece. *Journal of Environmental Radioactivity*, 108, pp. 50-59
- Bellou, N., E. Papathanassiou, S. Dobretsov, V. Lykousis & F. Colijn (2012). The effect of substratum type, orientation and depth on the development of bacterial deep-sea biofilm communities grown on artificial substrata deployed in the Eastern Mediterranean. *Biofouling: The Journal of Bioadhesion & Biofilm Research*, 28 (2), 199-213  
DOI:10.1080/08927014.2012.662675
- Batang Z.B, E. Papathanassiou, A. Al-Suwailem, C. Smith, M. Salomidi, G. Petihakis, N. M. Alikunhi, L. Smith, F. Mallon, T. Yapici, N. Fayad. (2012). First discovery of a cold seep on the continental margin of the central Red Sea. *J. Mar. Sys*, 94: 247–253
- Zervoudaki S., Christou E.D., Assimakopoulou G., Örek H., Gucu A.C., Giannakourou A., Pitta P., Terbiyik T., Yücel N., Moutsopoulos T., Pagou K., Psarra S., Özsoy E., Papathanassiou E. (2011). Copepod communities, production and grazing in the Turkish Straits System and the adjacent northern Aegean Sea during spring. *J. Marine Sys*, 86 (3-4), pp. 45-56
- Bellou, N., Colijn, F., Papathanassiou E. (2011). Experimental settlement study in the Eastern Mediterranean deep sea (Ionian Sea). *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 626-627 (SUPPL.), pp. S102-S105
- Tsabaris, C., Patiris, D. L., Karageorgis, A., Eleftheriou, G., Georgopoulos, D., Papadopoulos, V., & Papathanassiou, E. (2011). Application of an in-situ system for continuous monitoring of radionuclides in submarine groundwater sources. In *Advances in the Research of Aquatic Environment* (pp. 249-256). Springer Berlin Heidelberg
- Tsabaris, C., Scholten, J., Karageorgis, A.P., Comanducci, J.-F., Georgopoulos, D., Liong Wee Kwong, L., Patiris, D.L., Papathanassiou, E. (2010). Application of an in situ underwater gamma spectrometer as a marine radon progeny monitor: continuous monitoring of groundwater discharges into the coastal zone. *Radiation Protection Dosimetry*, 14, 273-281
- Raitsos, D.E., Beaugrand, G., Georgopoulos, D., Zenetos, A., Pancucci-Papadopoulou, A.M., Theocharis, A., Papathanassiou, E. (2010). Global climate change amplifies the entry of tropical species into the eastern Mediterranean Sea. *Limnology and Oceanography*, 55 (4), pp. 1478-1484
- Simboura M., E. Papathanassiou & D. Sakellariou 2007. The use of a biotic index (Bentix) in assessing long-term effects of dumping coarse metalliferous waste on soft bottom benthic communities. *Ecological indicators* 7:164-180.
- Tsangaris C. E. Papathanassiou & E. Cotou 2007. Assessment of the impact of heavy metal pollution from a ferro-nickel smelting plant using biomarkers. *Ecotoxicology and Environmental Safety*: 66(2):232-243
- Krassakopoulou E., Ch. Anagnostou, E. Souvermezoglou, E. Papathanassiou & S. Rapsomanikis 2006. Distribution of dissolved inorganic carbon and related parameters in the Thermaikos Gulf (Eastern Mediterranean). *Mediterranean Mar. Science*, 7(1): 63-78.
- EEA/UNEP, 2006. Priority issues in the Mediterranean environment. E Papathanassiou, A. Zenetos, & E. Włodarczyk (Chief editors)
- E. Papathanassiou & A. Zenetos, 2006. State of the Hellenic Marine Environment. HCMR Publication

N. Simboura \*, P. Panayotidis, E. Papathanassiou (2005). A synthesis of the biological quality elements for the implementation of the European Water Framework Directive in the Mediterranean ecoregion: The case of Saronikos Gulf. *Ecological Indicators* 5 253–266

Streftaris N., A. Zenetos & E. Papathanassiou 2005. Globalisation In Marine Ecosystems: The Story of non-Indigenous Marine Species across European Seas *Oceanography and Marine Biology: An Annual Review* 43: 419-453

Zorita, E. Strongyloudi, A. Buxens, L. I. Mazon, E. Papathanassiou, M. Soto & M. P. Cajaraville 2005. Application of two SH-based methods for metallothionein determination in mussels and intercalibration of the spectrophotometric method: laboratory and field studies in Mediterranean Sea. *Biomarkers* 10(5): 342-359

C. Tsangaris, E. Stroglyoudi & E. Papathanassiou 2004. Measurements of biochemical markers of pollution in mussels *Mytilus galloprovincialis* from coastal areas of the Saronikos gulf (Greece)./ *Mediterranean Mar. Science*, 5(1): 175-186.

Cotou E., E. Papathanassiou & C. Tsangaris, 2002. Assessing the quality of marine coastal environments: comparison of scope for growth and Microtox1 bioassay results of pollution gradient areas in eastern Mediterranean (Greece) *Environmental Pollution* 119(2): 141-149.

Tsangaris C., Cotou E. & Papathanassiou E., 2002. Multiple biomarker assessment for marine pollution: A case to distinguish the type of pollution in Amvrakikos Gulf (Greece). *Marine Environmental Research* 54: 845