






PERSONAL INFORMATION

Georgia Assimakopoulou



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Sex Female | Date of birth 26/06/1960 | Nationality Greek

WORK EXPERIENCE

2001 - today

Research Scientist

Institute of Oceanography, Hellenic Centre for Marine Research (HCMR), Greece (www.hcmr.gr)

- Analysis of phytoplankton data in numerous national and international projects, mostly multidisciplinary.
- Estimation the aquatic primary productivity and phytoplankton efficiency and analytical methods for photosynthetic pigments analysis

1995-2000

Research Associate

Institute of Oceanography, HCMR, Greece

- Analysis of phytoplankton data in numerous national and international projects, mostly multidisciplinary.
- Estimation the aquatic primary productivity and phytoplankton efficiency and analytical methods for photosynthetic pigments analysis.

EDUCATION AND TRAINING

2011

Dr. Rer. Nat. (Ph.D.) in Oceanography

Christian Albrecht's University Kiel Faculty of Mathematics & Natural Sciences /IFM-GEOMAR, Germany. Title of PhD Thesis: "Plankton Dynamics and Distribution in the Eastern Mediterranean Sea.

1992

MSc in Marine Biology

Institute of Ecology and Zoology, Section of Biology FU Berlin, Germany

1992-1993

Diplom in Biology

Institute of Ecology and Zoology, Section of Biology FU Berlin, Germany

Title of Diplom Thesis: "Studies on the autumn circulation in Lake Heiligensee: The population dynamics and vertical distribution of planktonic crustaceans in the fall during 1990".

PERSONAL SKILLS

Mother tongue(s)

Greek

Other language(s)

English

German

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1 PROFICIENT USER	C1 PROFICIENT USER	C1 PROFICIENT USER	C1 PROFICIENT USER	C1 PROFICIENT USER
German	C2 PROFICIENT USER	C2 PROFICIENT USER	C2 PROFICIENT USER	C2 PROFICIENT USER	C2 PROFICIENT USER

(*) COMMON EUROPEAN FRAMEWORK OF REFERENCE FOR LANGUAGES

Communication skills

Good communication skills gained through team work during participation in project meetings, workshops and conferences and through training of students.

Organisational / managerial skills

- Long experience on analytical methods and techniques; laboratory infrastructure; environmental and field monitoring equipment.
- Responsible in national projects and the good functioning of the Phytoplankton and Primary production lab in our Institute

Computer skills Very good command of Windows operational system. Experience on standard software packages (Microsoft Office, Grapher, Surfer, Statistica, PRIMER) DOS, WINDOWS, WORD, EXCEL, POWER POINT, COREL DRAW, SEAPLOT, SIGMA-PLOT, IMAGE PRO-PLUS STATGRAFICS PLUS, PRIMER, SYSTAT.

ADDITIONAL INFORMATION

Publications 21 peer-reviewed publications and 100 international journals and conferences; 230 citations in Scopus and 296 in ResearchGate; see Annex 1 for selected publications.

Projects Participated in more than 52 international and national projects see Annex 2 for selected projects

Research Interests

- Ecology and structure of marine phytoplankton populations in coastal waters shelf and open seas
- Influence of environmental parameters, interrelationships between phytoplankton and biological-environmental parameters
- Taxonomy and biodiversity of phytoplankton
- Biological processes in the water column, primary production rates, growth rates of phytoplankton, structure, and dynamic of pelagic food web, and carbon budget through food webs .

Education & Training

- Training at Flow Cytometry methods in Research and Technology Centre (FTZ), Working Group Applied Physics/ Marine Technology (APM), University of Kiel, Germany.
- Participation in the Course "The Role of Flow Cytometry in Marine Biodiversity and Ecosystem Functioning" sponsored by MARBEF, an EU Framework VI Network of Excellence at Stazione Zoologica Anton Dohrn Naples, Italy

ANNEXES

ANNEX 1: List of selected publications

- Varkitzi I., Francé J., Basset A., Cozzoli F., Stanca E., Zervoudaki S., Giannakourou A., **Assimakopoulou G.**, Venetsanopoulou A., Mozetič P., Tinta T., Skejic S., Vidjak O., Cadiou J-F., Pagou K., 2018. Pelagic habitats in the Mediterranean Sea: A review of Good Environmental Status (GES) determination for plankton components and identification of gaps and priority needs to improve coherence for the MSFD implementation. *Ecological Indicators*, Volume 95, Part 1, December 2018, Pages 203-21.
- N. Simboura, M. Tsapakis, A. Pavlidou, **G. Assimakopoulou**, K. Pagou, H. Kontoyannis, C. Zeri, E. Krasakopoulou, E. Rousselaki, N. Katsiaras, S. Diliberto, M. Naletaki, K. Tsiamis, V. Gerakaris, P. Drakopoulou, P. Panayotidis, 2015. Assessment of the environmental status in Hellenic coastal waters (Eastern Mediterranean): from the Water Framework Directive to the Marine Strategy Water Framework Directive. *Medit. Mar. Sci.*, 16/1, 46-64.
- Panagiotis D. Dimitriou, Nafsika Papageorgiou, Christos Arvanitidis, **Georgia Assimakopoulou**, Kalliopi Pagou, Konstantia N. Papadopoulou, Alexandra Pavlidou, Paraskevi Pitta, Sofia Reizopoulou, Nomiki Simboura, Ioannis Karakassis, 2015. One Step forward: Benthic Pelagic Coupling and Indicators for Environmental Status *PLoS ONE* 10(10): 1-17. October 2015 *PLoS ONE* 10(10): e0141071(10):1-17.
- Alexandra Pavlidou, Nomiki Simboura, Eleni Rousselaki, Manolis Tsapakis, Kalliopi Pagou, Paraskevi Drakopoulou, **Georgia Assimakopoulou**, Harilaos Kontoyiannis, Panayotis Panayotidis, 2015. Methods of eutrophication assessment in the context of the water framework directive: Examples from the Eastern Mediterranean coastal areas. *Continental Shelf Research*, Volume 108, Pages 156–168.
- A.P. Karageorgis, W.D. Gardner, O.A. Mikkelsen, D. Georgopoulos, A.S. Ogston, **G. Assimakopoulou**, E. Krasakopoulou, Gh. Oaie, D. Secieru, Th.D. Kanellopoulos, K. Pagou, Ch. Anagnostou, E. Papatthanassiou, 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*, Volume 131, Pages 74–90.
- Zervoudaki, S. Orek, H., Krasakopoulou, E., **Assimakopoulou, G.**, Fach-Salihoglu, B., Papatthanassiou, E., 2014. Food web structure in the Aegean Sea and the Turkish straits system and understanding the role of the ocean acidification as important driver of change in biological systems. *Journal of Environmental Protection and Ecology*, Volume 15, Issue 4, Pages 1641-1649.
- Berline L, I. Siokou-Frangou, I. Marasov, O. Vidjak, M.L. Fernández de Puelles, M.G. Mazzocchi, **G. Assimakopoulou**, S. Zervoudaki, S. Fonda Umani, A. Conversi, C. Garcia-Comas, F. Ibanez, S. Gasparini, L. Stemmman, G. Gorsky, 2012: Intercomparison of six Mediterranean zooplankton time series. *Progress in Oceanography*, 97-100, 76–91.
- Vadrucchi Maria Rosaria, Elena Stanca, Cristin Mazziotti, Serena Fonda Umanid, **Assimakopoulou Georgia**, Snezana Moncheva, Antonella Romano, Roberto Buccia, Nicola Ungaro, Alberto Basset, 2013. Ability of phytoplankton trait sensitivity to highlight anthropogenic pressures in Mediterranean lagoons: A size spectra sensitivity index (ISS-phyto). Ability of phytoplankton trait sensitivity to highlight anthropogenic pressures in Mediterranean lagoons: A size spectra sensitivity index. *Ecological Indicators* 34, 113–125.
- S. Zervoudaki, E.D. Christou, **G. Assimakopoulou**, H. Örek, A.C. Gucu, A. Giannakourou, P. Pitta, T. Terbiyik, N. Yucel, T. Moutsopoulos, K. Pagou, S. Psarra, E. Özsoy and E. Papatthanassiou, 2011. Copepod communities, production and grazing in the Turkish Straits System and the adjacent northern Aegean Sea during spring. *Journal of Marine Systems* 86 (3-4), 45-56.
- A. Pavlidou, H. Kontoyiannis, Ch. Anagnostou, I. Siokou-Frangou, K. Pagou, E. Krasakopoulou, **G. Assimakopoulou**, S. Zervoudaki, Ch. Zeri, J. Chatzianestis and R. Psyllidou-Giouranovits, 2010. «Biogeochemical Characteristics in the Elefsis Bay (Aegean Sea, Eastern Mediterranean) in relation to anoxia and climate changes» in: E. Yakushev (ed) Handbook of Environmental Chemistry, Springer-Verlag, Volume 4E / 1999 - Volume 12 / 2010.
- Lepore K., S.B. Moran, A.B. Burd, G.A. Jackson, J. N. Smith, R.P. Kelly, H. Kaberi, S. Stavrakakis, **G. Assimakopoulou**, 2009.

Sediment trap and in-situ pump size-fractionated POC/²³⁴Th ratios in the Mediterranean Sea and Northwest Atlantic: Implications for POC export. *Deep-Sea Research I* 56 599–613.

- S. Zervoudaki, E. D. Christou, T. G. Nielsen, I. Siokou-Frangou, **G. Assimakopoulou**, A. Giannakourou, M. Maar, K. Pagou, E. Krasakopoulou, U. Christaki and M. Moraitou-Apostolopoulou, 2007. The importance of small-sized copepods in a frontal area of the Aegean Sea. *Journal of Plankton Research* 29(4), 317–338.
- Giannakourou A., Orlova T., **Assimakopoulou G.**, Pagou K., 2005. Dinoflagellate cysts in Recent Marine Sediments from Thermaikos Gulf, Greece: Effects of resuspension events on vertical cyst distribution. *Continental Shelf Research* 25, 2585-2596.

ANNEX 2: List of selected projects

- 1998-2001 «Key coastal processes in the mesotrophic Skagerrak and the oligotrophic Northern Aegean: a comparative study» (KEYCOP)/ (EU-MAST-III), Phytoplankton pigments, populations and primary production in North Eastern Aegean Sea as well as study of pelagic food web and estimation of the carbon flux in NE Aegean Sea
- 2001-2003 «Impact of natural and trawling events on re-suspension, dispersion and fate of pollutants» (INTERPOL)/EC, Study of phytoplankton community and primary production rates in Thermaikos Bay.
- 2002-2005 Transfer and Fate of Harmful Algal Bloom (HAB) toxins in European Marine Waters (FATE)/EC, Study of toxic phytoplankton in Thermaikos Gulf.
- 2004-2005 Fluxes in the Aegean of Carbon and Thorium Study. Collaboration HCMR with Graduate School of Oceanography, University of Rhode Island. Phytoplankton study and primary production rates in Cretan Sea, in W. Mediterranean and Atlantic.
- 2005-2009 "EUR-OCEANS (European network of excellence for ocean ecosystems analysis) FP6 (2005-2008)
- 2006-2010 Southern European Seas: Assessing and Modelling Ecosystem changes (SESAME)/EC, Phytoplankton study in NE Aegean Sea, in Black Sea, in Turkish Straits and in Marmara Sea as well as study of production rates of key phytoplankton species in the above areas
- 2011-2014 Mediterranean Sea Acidification under changing climate (MedSeA). FP7
- 2011-2014 "PERSEUS (Policy-orientated marine Environmental Research for the Southern European Seas)
- 2013-2015 National Strategic Reference Framework (NSRF) project: "Proposals for Development of Research Organisations – KRIPIS / Integrated Observatories of Greek Seas", Implementation: Hellenic Centre for Marine Research, Institute of Oceanography (HCMR-IO). Funding: General Secretariat for Research and Technology (GSRT).
- 2012-2015 Implementation of the WFD in inland and coastal marine waters of Greece'. *Funded by: Greek Government –National Project.*
- 2016 ActionMed: Action Plans for Integrated Regional Monitoring Programmes, Coordinated Programmes of Measures and Addressing Data and Knowledge Gaps in Mediterranean sea. DG ENV funded