

Short Curriculum Vitae of Maria Geraga

Title and Position: Associate Professor in Archaeological Oceanography,
Laboratory of Marine Geology and Physical Oceanography, Dept.
of Geology, University of Patras, Greece.

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Main fields of interest: Marine Geoarchaeology (application of remote sensing techniques to underwater archaeology), Palaeoclimatology-Palaeoceanography and Mapping of Marine habitats and Marine Pollution.

Work experience

2016-to today: Associate Professor, Dept. of Geology, Univ. of Patras, Greece
2015-to 2016: Assistant Professor (permanent), Dept. of Geology, Univ. of Patras.
2012-to 2015: Assistant Professor (adjustment), Dept. of Geology, Univ. of Patras
2006-2012: Lecturer, Dept. of Geology, Univ. of Patras
2000-2006: Under Appointed Ass. Professor in Polytechnics (Higher Educational Technological Institute) of Messolonghi, Greece.
2002-2006: Under Appointed Lecturer, in Dept. of Geology, Univ. of Patras
1993-2006: Research Associate in the Laboratory of Marine Geology and Physical Oceanography, Dept. of Geology, University of Patras.

TEACHING DUTIES

Undergraduate courses: Four (4) courses in the Departments of Geology and Biology, Univ. of Patras

Postgraduate courses: Two (2) courses in the Environmental Oceanography module, Department of Geology, Univ. of Patras. One (1) course in Interinstitutional Postgraduate Programme (MSc) in the Paleontology and Geobiology, Aristotle University of Thessaloniki - School of Geology

PUBLICATIONS

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|--|---------------------------------------|
| Publications in Journals of SCIENCE CITATION INDEX and in peer-reviewed International Journals | 37 |
| Special Publications and Book chapters of international publishers | 11 |
| Full-length papers in Proceedings of International and National Conferences | 51 |
| Total number of publications | 99 |
| ABSTRACTS | 55 |
| Books (co-author) | 3 (University of Patras Press) |

CITATION OVERVIEW (12_2018)

| | GOOGLE SCHOLAR PROFILE | SCOPUS | WEB OF SCIENCE | RESEARCHGATE |
|-----------|------------------------|--------|----------------|--------------|
| Citations | 912 | 622 | 538 | 862 |
| h-index | 19 | 16 | 14 | 16 |
| RG-score | | | | 27.97 |

<https://scholar.google.gr/citations?user=BjtPCDAAAAAJ&hl=en&oi=ao>

Two of the published papers in the field of Geoarchaology/Marine Geoarchaeology:

- The geological links of the ancient Delphic Oracle (Greece): A reappraisal of natural gas occurrence and origin
- Early seafaring activity in the Southern Ionian Islands, Mediterranean Sea.

have received much publicity in the international media including reports with extensive articles, such as: Science News, New Scientist, Antike Welt, The Times, Guardian, The Independent, Discovery Channel – Discovery News, Irish Independent, The Science Radio News (AAAS), Breaking News, U.S.A. National Geographic, The Australian, DEWEZET, DIE WELT, L' Espresso News, Bluewin News. Swisscom Fixnet AG, Liechtensteiner Vaterland, Liechtenstein, Der Standard, Daily Mail e.t.c..

RESEARCH ACTIVITY

A great amount of practical field as well as laboratory experience has been gained through marine geo-archaeological, geophysical, sedimentological and geotechnical projects carried out by the Laboratory of Marine Geology & Physical Oceanography, Dept of Geology, University of Patras. The studies for these projects included collection, analysis and interpretation of marine geophysical and geotechnical data, analysis and interpretation of sedimentological data (mostly micropaleontological) and presentation of data (technical reports).

In particular, she has carried out **micropalaontological studies** focus on the examination of the palaeoclimatic evolution in open seas (in sites of Aegean Sea, Ionian Sea, Levantine Basin), the evolution of the coastal palaeogeography (in sites of Aegean and Ionian Seas), the paleoenvironmental evolution of rifts (Red Sea, Corinth gulf; IODP 381 expedition) and the coastal pollution in Greek seas (mostly in Amvrakikos gulf, Ionian Sea)

She has carried out **marine geoarchaeological surveys** using **remote sensing techniques** focused on the reconstruction of the coastal palaeogeography and palaeoenvironment and the detection of submerged cultural heritage sites in: Alexandria (Egypt), Cape Sounio (Attica, Greece), Ancient Glarenza (Killini, Greece), Kefallonia island (Ionian Sea, Greece), Kea and Poros islands (Cyclades, Greece), Mazotos ancient shipwreck (Cyprus), Poros –Modi ancient shipwrecks (Argo-Saronic gulf, Greece), Neapoli gulf (Lakonia, Greece), Pamvotida lake (Greece), Ancient harbours of Zea and Mounichia (Peireus, Greece), Dalmatic coasts (Croatia), Ancient harbors of Lebanon (Byblos, Anfeh, Saida), Corsica (France), Mitrou (Atalanti, Greece), Ancient harbor of Lechaion (Corinth gulf, Greece), Western coasts of Pagasisitikos Gulf (Greece) and Gulf of Corinth (Greece).

In addition she has participated in surveys for the **mapping and management of marine natural heritage sites** (Ionian Sea) and **the management of marine litter**.

She has participated in more than 50 projects funded by EU, international and national agencies and organizations and by the private sector.

OTHER ACTIVITIES

She has been member of organizing committee in international and national conferences. She is reviewer in journals of Science Citation Index. She is evaluator for research agencies in Greece and abroad. She has been invited speaker in international seminars and workshops (i.e. Tübingen, Germany, Roskilde, Denmark)

Selected publications in journals of Science Citation Index (), Peer reviewed scientific journals and Special publications*

1. *Geraga M., Tsaila-Monopoli St., Ioakim Ch., Papatheodorou G., and Ferentinos G. (2000): *Palaeogeography, Palaeoclimatology, Palaeoecology*, vol. 156, pp. 1-17.

2. *Casford J.S.L., Abu-Zied R., Rohling E.J., Cooke S., Boessenkool K.P., Brinkhuis H., De Vries C., Wefer G., **Geraga M.**, Papatheodorou G., Croudace I., Thomson J. and Lykousis V. (2001): *Mediterranean Marine Science*, vol. 2/1, pp. 45-55.
3. *Ravasopoulos, J, G. Papatheodorou, J. Kapolos, **M. Geraga**, A. Koliadima and K. Xenos, (2002):. *Instrumentation Science and Technology*, vol. 30, 2, pp. 139-155.
4. *Papatheodorou G., Hotos G., **Geraga M.**, Avramidou D. and Vorinakis T. (2002):. *Fresenius Environmental Bulletin*, vol. 11, No 11, pp. 951-956.
5. *Papatheodorou, G., **Geraga, M.**, Ferentinos, G., (2005): *International Journal of Nautical Archaeology*, vol. 34, No 1. 95-109.
6. ***Geraga, M.**, Tsaila-Monopolis, S., Ioakim, C., Papatheodorou, G., Ferentinos, G., (2005). *Palaeogeography, Palaeoclimatology, Palaeoecology*, vol. 220, 311-332.
7. *Etiopie, G., Papatheodorou, G, Christodoulou, D., **Geraga, M.**, Favali, P. (2006):. *Geology*, vol. 34, no. 10, p. 821-824.
8. *Papaefthymiou, H., G. Papatheodorou, A. Moustakli, D. Christodoulou and **M. Geraga** (2007): *Journal of Environmental Radioactivity*, vol. 94, pp. 55-74.
9. Chalari, A., Christodoulou, D., Papatheodorou, G., **Geraga, M.**, Stefatos, A., Ferentinos, G. (2008): *British Archaeological Reports (BAR) International Series*, 1746, ISBN 978 1 4073 01884, pp. 119-128.
10. Papatheodorou, G., **Geraga, M.**, Ferentinos G. (2008): *British Archaeological Reports (BAR) International Series*, 1746, ISBN 978 1 4073 01884, pp. 65-71.
11. ***Geraga, M.**, Mylona, G., Tsaila-Monopoli St., Papatheodorou, G., Ferentinos, G. (2008): *Journal of Marine Systems*, vol. 74 pp.623-638.
12. Papatheodorou G., Fakiris, E., **Geraga M.**, Ferentinos G., Koutsikopoulos C. (2008): *Hydro International*, vol. 12 pp.16-19.
13. *Georgiadis M., Papatheodorou G., Tzanatos E., **Geraga, M.**, Ramfos, A., Koutsikopoulos C., Ferentinos G. (2009): *Journal of Experimental Marine Biology and Ecology*, vol. 368 pp.44-58.
14. *Chalari, A., G. Papatheodorou, **M. Geraga**, D. Christodoulou G. Ferentinos (2009): *Zeitschrift fur Geomorphologie*, vol. 53 pp.191-212.
15. ***Geraga, M.**, Ioakim, Chr., Lykousis, V., Tsaila-Monopolis, St., Mylona, G., (2010): *Palaeogeography, Palaeoclimatology, Palaeoecology*, vol. 287 pp.101-115.
16. *Papaefthymiou, H, Papatheodorou, G., Christodoulou, D., **Geraga, M.**, Moustakli, A., and J. Kapolos (2010): *Microchemical Journal*, vol. 96 (2) pp.269-276.
17. *Ferentinos, G., Papatheodorou, G., **Geraga, M.**, Iatrou, M., Fakirs, E., Christodoulou, D., Dimitriou, E., Koutsikopoulos, C. (2010): *Estuarine, Coastal and Shelf Science*, vol. 88 (4) pp.473-481.
18. *Kiparissis S., Fakiris E., Papatheodorou, G., **Geraga M.**, Kornaros M., Kapareliotis A., Ferentinos G. (2011): *Biological Invasions*, vol. 13 (3) pp.669-678.
19. *Ferentinos, G., M. Gkioni, **M. Geraga**, G. Papatheodorou (2012): *Journal of Archaeological Science* 39 (7), pp. 2167-2176.
20. *Naeher, S., **Geraga, M.**, Papatheodorou, G., Ferentinos, G., Kaberi, H., Schubert, C.J. (2012) : *Biogeosciences* 9 (12) , pp. 5081-5094
21. *Kordella, S., **M. Geraga**, G. Papatheodorou, E. Fakiris and I.M. Mitropoulou (2013): *Aquatic Ecosystem Health and Management* 16 (1) , pp. 111-118
22. *H. Papaefthymiou, D. Athanasopoulos, G. Papatheodorou, M. Iatrou, **M. Geraga**, D. Christodoulou, S. Kordella, E. Fakiris, B. Tsikouras (2013) : *Journal of Environmental Radioactivity* 122 , pp. 43-54
23. Gkioni, M., **Geraga, M.**, Papatheodorou, Y., and Ferentinos, Y., (2013). *BAR International Series* 2558, ISBN 978 1 4073 1179 1, pp: 99-110.
24. *Avramidis, P., **Geraga, M.**, Lazarova, M., Kontopoulos, N., (2013): *Quaternary International* 293:184-195
25. *Christia Ch., G. Papatheodorou, M., **Geraga**, E. Papadakis and E. Papastergiadou (2014): *Environmental Earth Sciences* 71:3543-3558

26. *Friedrich, J., F. Janssen, D. Aleynik, H. W. Bange, N. Boltacheva, M. N. Cagatay, A. W. Dale, Z. Erdem, **M. Geraga**, A. Gilli, M. et al., (2014) : *Biogeosciences*, 11, 1215–1259.
27. *Papatheodorou, G., **Geraga M.**, Christodoulou, D., Iatrou, M., Fakiris, E., Heath S., Baika, K., (2014): A marine geoarchaeological survey, Cape Sounion, Greece. Preliminary results. *Mediterranean Archaeology and Archaeometry* 1, 357-377.
28. Ferentinos, G., Gkioni, M., **Geraga, M.**, Papatheodorou, G. (2014): *Aegaeum* (37), pp. 165-172
29. *Ferentinos G., Papatheodorou, G., **Geraga M.**, Christodoulou D., Fakiris E., Iatrou, M., (2015): *Remote Sensing* 7, 1263-1278; doi: 10.3390/rs70201263.
30. **Geraga M.**, Papatheodorou, G., Ferentinos G., Fakiris E., Christodoulou, D., Georgiou N., Dimas, X., Iatrou M., Kordella St., Sotiropoulos G., Mentogiannis V., Delaporta K. (2015) *Archaeologia Maritima Mediterranea* **12**:181-198
31. *Triantaphyllou, M.V., Gogou, A., Dimiza, M.D., Kostopoulou, S., Parinos, C., Roussakis, G., **Geraga, M.** Bouloubassi, I., Fleitmann, D., Zervakis, V., Velaoras, D., Diamantopoulou, A., Sampatakaki, A., Lykousis, V. (2016). *Geo-Marine Letters* 36 (1): 51-66
32. *Ioakeimidis, C., Fotopoulou, K. N., Karapanagioti, H. K., **Geraga M.**, Zeri C., Papathanassiou E., Galgani F., Papatheodorou G. (2016). *Nature Scientific Reports* 6:23501, DOI: 10.1038/srep23501
33. *Fakiris E., Papatheodorou G., **Geraga M.**, Ferentinos G. (2016). *Remote Sensing* 8(5), 373; doi:10.3390/rs8050373
34. *Tsakalos E., Athanassas C., Tsipas P., Triantaphyllou M., **Geraga M.**, Papatheodorou G., Filippaki E., Christodoulakis J., Kazantzaki M. (2016). *Archaeological and Anthropological Sciences* DOI 10.1007/s12520-016-0339-7.
35. Geraga M, Papatheodorou G., Agouridis C., Kaberi E., Christodoulou D., Iatrou M., Fakiris E., Prevenios M., Kordella S., Ferentinos G. (2017). *Journal of Archaeological Science: Reports*, 12: 805-818
36. *Papaefthymiou, H., Gkaragkouni, A., Papatheodorou, G., Geraga, M. (2017). *Journal of Radioanalytical and Nuclear Chemistry* 314(3), pp. 1841-1852
37. *Ferentinos, G., Georgiou N., Christodoulou, D., Geraga M., Papatheodorou G., 2018. Propagation and termination of a strike slip fault in an extensional domain: The westward growth of the North Anatolian Fault into the Aegean Sea. *Tectonophysics*, 745: 183-195
38. Sakellariou, D., Lykousis, V., **Geraga, M.**, Rousakis, G., Soukisian, T, (2017): Late Pleistocene Environmental Factors of the Aegean Region - Aegean Sea Including the Hellenic Arc - and the Identification of Potential Example Areas for Seabed Prehistoric Sites and Landscapes. Chapter 15. In: *Submerged Landscapes of the European Continental Shelf: Volume 1 – Quaternary Paleoenvironments*, First Edition. Edited by Nicholas C. Flemming, Jan Harff, Delminda Moura, Anthony Burgess and Geoffrey N. Bailey, John Wiley & Sons, Ltd.
39. Hamdani Z. Al, V. de Bruyn, T. Coenen, **M. Geraga**, D. Gregory, R. de Hoop, M. Manders, 2015. *Guideline Manual 1: Guidelines to the process of underwater archaeological research*, SASMAP. Manders, M. & Gregory, D. (eds). ISBN/EAN 9789057992483.
40. Hamdani, Z. Al., C. Bjordal, V. de Bruyn, B. Davidde Petriaggi, J. Dencker, **M. Geraga**, D. Gregory, R. de Hoop, P. Jensen, J.B. Jensen, J. Lowag, M. Manders, M. Nielsen, G. Papatheodorou, R. Pedersen, S. Posgaard, S. Ricci, B. Smith, A. Tucker, J. Wunderlich, 2015. *Guideline Manual 2: Best practices for locating, surveying, assessing, monitoring and preserving underwater archaeological sites*, SASMAP Gregory, D. & Manders, M. (eds). ISBN/EAN 9789057992490