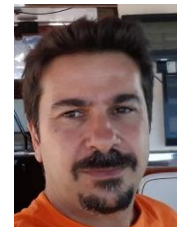


**Dr. Dimitris Christodoulou**  
Marine Geologist - Oceanographer



### **Personal information**

Orcid ID: [orcid.org/ 0000-0002-3012-6865](https://orcid.org/0000-0002-3012-6865)

Tel. Number: +30-2610-996275

e-mail: [d.christodoulou@upatras.gr](mailto:d.christodoulou@upatras.gr)

Affiliation: Laboratory of Marine Geology and Physical Oceanography, Dept. of Geology, University of Patras, Greece.

### **Education**

**BSc in Geology.** Department of Geology, University of Patras.

**MSc in Environmental Oceanography.** (Full-time 2 year course). Laboratory of Marine Geology and Physical Oceanography, Department of Geology, University of Patras.

**PhD in Marine Geology.** Laboratory of Marine Geology and Physical Oceanography, Department of Geology, University of Patras. *Geophysical, Sedimentological Study on Pockmarks in Active Seismogenic Areas – Remote Sensing of their Activity.*

### **Fellowships – Awards**

2000-2001 (2 years): State Scholarship's Foundation of Greece scholarship for MSc studies.

2001-2003 (3 years): State Scholarship's Foundation of Greece scholarship for PhD studies.

### **Professional experience**

**2017, 2018, 2019, 2020:** University Scholar, University of Patras, Department of Geology. Teaching graduate courses: Environmental Oceanography

**2000 – today :** Research Associate: Laboratory of Marine Geology and Physical Oceanography, University of Patras.

**2006 – today :** Consultancy Work for: University of Patras, Dept. Of Geology, Laboratory of Marine Geology and Physical Oceanography, Patras, Greece.

**2009 – 2010:** Laboratory associate in Technological Educational Institute of Messolonghi.

### **Teaching experience**

2009-2010, Laboratory Associate, Chemical Oceanography, Technological Educational Institute of Messolonghi. Greece

2017-Now Obtaining Academic Teaching Experience in Young Ph.D. Scientists, Environmental Oceanography, Department of Geology, University of Patras, Greece.

### **Summary of Scientific Production**

Publications in Journals of SCIENCE CITATION INDEX and in peer-reviewed International Journals	28
Special Publications and Book chapters of international publishers	6
11 Full-length papers in Proceedings of International and National Conferences	25
ABSTRACTS	51
h-index	
Scopus: 12, Google Scholar: 13	

### **Selected publications in journals of Science Citation Index**

1. Christodoulou D., Papatheodorou G., Ferentinos G., Masson M. (2003): "Active seepage in two contrasting pockmark fields in Patras and Corinth Gulfs, Greece". *Geo-Marine Letters* 23: 194-199. DOI: 10.1007/s00367-003-0151-0
2. Etiope G., Papatheodorou G., Christodoulou D., Favali P. and Ferentinos G. (2005) Gas hazard induced by methane and hydrogen sulfide seepage in the NW Peloponnesus petroliferous basin (Greece). *Terrestrial, Atmospheric and Oceanic Sciences* vol 16. No.4, 1-7. DOI: 10.3319/TAO.2005.16.4.897(GIG)
3. Etiope G., Papatheodorou G., Christodoulou D., Favali P., Ferentinos G., E. Sokos (2006) Methane and hydrogen sulfide seepage in the NW Peloponnesus petroliferous basin (Greece): origin and geohazard. *AAPG Bulletin* v. 90, No. 5, pp. 701-713. DOI: 10.1306/11170505089
4. Etiope, G., G, Papatheodorou, D. Christodoulou, M. Geraga, P. Favali (2006): The geological links of the ancient

- Delphic Oracle (Greece): A reappraisal of natural gas occurrence and origin. *Geology* v. 34, no. 10, p. 821-824. DOI: 10.1130/G22824.1
5. Marinaro, G., G. Etiope, N. Lo Bue, P. Favali, G. Papatheodorou, D. Christodoulou, F. Furlan, F. Gasparoni, G. Ferentinos, M. Masson, J-F. Rolin (2006) Monitoring of a methane-seeping pockmark by cabled benthic observatory (Patras Gulf, Greece), *Geo-Marine letters* 26:297-302. DOI: 10.1007/s00367-006-0040-4
  6. Papaefthymiou, H., G. Papatheodorou, A. Moustakli, D. Christodoulou and M. Geraga (2007): Natural radionuclides and <sup>137</sup>Cs distributions and their relationship with sedimentological processes in Patras Harbour, Greece. *Journal of Environmental Radioactivity* 94, pp. 55-74. DOI: 10.1016/j.jenvrad.2006.12.014
  7. Chalari A., Papatheodorou G., Geraga M., Christodoulou D., Ferentinos G. (2009): A marine geophysical survey illustrates Alexandria's Hellenistic past. *Zeitschrift Fur Geomorphologie* 53, pp. 191-212. DOI: 10.1127/0372-8854/2009/0053S1-0191
  8. Papaefthymiou H., Papatheodorou G., Christodoulou D., Geraga M., Moustakli A., Kapos J. (2010). Elemental concentrations in sediments of the Patras Harbour, Greece, using INAA, ICP-MS and AAS. *Microchemical Journal* 96 (2), pp. 269-276 DOI: 10.1016/j.microc.2010.04.001
  9. Ferentinos, G., Papatheodorou, G., Geraga, M., Iatrou, M., Fakiris, E., Christodoulou, D., Koutsikopoulos, C., Dimitriou, E. (2010). Fjord water circulation patterns and dysoxia/anoxia conditions in a Mediterranean embayment, Amvrakikos Gulf, Greece. *Estuarine, Coastal and Shelf Science* 88 (4), pp. 473-481. DOI: 10.1016/j.ecss.2010.05.006
  10. Papatheodorou G., Avramidis P., Fakiris E., Christodoulou D., Kontopoulos N.(2012). Bed diversity in the shallow water environment of Pappas lagoon in Greece. *International Journal of Sediment Research* 27 (1) , pp. 1-17. DOI: 10.1016/S1001-6279(12)60012-2
  11. Etiope G., Christodoulou D., Kordella S., Marinaro G., Papatheodorou G. (2013). Offshore and onshore seepage of thermogenic gas at Katakolo Bay (Western Greece). *Chemical Geology* 339 , pp. 115-126.
  12. Etiope, G., Tsikouras, B., Kordella, S., Ifandi, E., Christodoulou, D., Papatheodorou, G. (2013). Methane flux and origin in the Othrys ophiolite hyperalkaline springs, Greece. *Chemical Geology* 347 , pp. 161-174. DOI: 10.1016/j.chemgeo.2013.04.003
  13. Papaefthymiou, H., Athanasopoulos, D., Papatheodorou, G., Iatrou, M., Geraga, M., Christodoulou, D., Kordella, S., Fakiris, E., Tsikouras, B. (2013). Uranium and other natural radionuclides in the sediments of a Mediterranean fjord-like embayment, Amvrakikos Gulf (Ionian Sea), Greece. *Journal of Environmental Radioactivity* 122 , pp. 43-54. DOI: 10.1016/j.jenvrad.2013.02.020
  14. Papatheodorou George, Maria Geraga, Dimitris Christodoulou, Margarita Iatrou, Elias Fakiris, Stuart Heath and Kalliopi Baika (2014). A marine geoarchaeological survey, Cape Sounion, Greece: Preliminary results. *Mediterranean Archaeology and Archaeometry*, Vol. 14, No 1, pp. 357-371.
  15. Avramidis, P., Bekiari, V., Christodoulou, D., Papatheodorou, G. (2014). Sedimentology and water column stratification in a permanent anoxic Mediterranean lagoon environment, Aetoliko Lagoon, western Greece. *Environmental Earth Sciences*, v. 73 (9), pp 5687-5701. DOI: 10.1007/s12665-014-3824-2
  16. Ferentinos G., Papatheodorou G., Geraga M., Christodoulou D., Fakiris E., Iatrou M. (2015). The Disappearance of Helike-Classical Greece—New Remote Sensing and Geological Evidence. In: R. Lasaponara & N. Masini (eds). *New Perspectives of Remote Sensing for Archaeology*, Remote Sensing Sp. Is. Remote Sensing Vol. 7, Is 2, 2015, pp 1263-1278. DOI: 10.3390/rs70201263
  17. Geraga M., Papatheodorou G., Ferentinos G., Fakiris E., Christodoulou D., Georgiou N., Dimas X., Iatrou M., Kordella S., Sotiropoulos G., Mentogiannis V., Delaporta K. (2015). The study of an ancient shipwreck using marine remote sensing techniques, in Kefalonia Island (Ionian Sea), Greece. *Archaeologia Maritima Mediterranea* 12, 183-198.
  18. Zelilidis A., Papatheodorou G., Maravelis A. G., Christodoulou D., Tserolas P., Fakiris E., Dimas X., Georgiou N., Ferentinos. G. (2016). Interplay of thrust, back-thrust, strike-slip and salt tectonics in a fold and thrust belt system: an example from Zakynthos Island, Greece. *International Journal of Earth Sciences*. DOI 10.1007/s00531-016-1299-y. DOI: 10.1007/s00531-016-1299-y
  19. Nixon C.W., McNeill L.C., Bull J.M, Bell R.E., Gawthorpe R.L., Henstock T.J., Christodoulou D., Ford M., Taylor B., Sakellariou D., Ferentinos G., Papatheodorou G., Leeder M.R., Collier R.E.L.I., Goodliffe A.M., Sachpazi M., Kranis H. (2016). Rapid spatiotemporal variations in rift structure during development of the Corinth Rift, central Greece. *Tectonics*, Vol. 35 (5), pp 1225-1248. DOI: 10.1002/2015TC004026
  20. Geraga M., Papatheodorou G., Agouridis C., Kaberi H., Iatrou M., Christodoulou D., Fakiris E., Prevenios M., Kordella S., Ferentinos G., 2017. Palaeoenvironmental implications of a marine geoarchaeological survey conducted in the SW Argosaronic gulf, Greece. *Journal of Archaeological Science: Reports*, Vol. 12, pp 805-818.

21. 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, Accepted for publication. DOI: 10.1016/j.tecto.2018.08.003
22. Fakiris, E.; Blondel, P.; Papatheodorou, G.; Christodoulou, D.; Dimas, X.; Georgiou, N.; Kordella, S.; Dimitriadis, C.; Rzhhanov, Y.; Geraga, M.; Ferentinos, G. Multi-Frequency, Multi-Sonar Mapping of Shallow Habitats—Efficacy and Management Implications in the National Marine Park of Zakynthos, Greece. Remote Sens. 2019, 11, 461. DOI: 10.3390/rs11040461
23. Ferentinos G., Fakiris E., Christodoulou D., Geraga M., Dimas X., Georgiou N., Kordella S., Papatheodorou G., Prevenios M., Sotiropoulos M., 2020. Optimal sidescan sonar and subbottom profiler surveying of ancient wrecks: The 'Fiskardo' wreck, Kefallinia Island, Ionian Sea. Journal of Archaeological Science. V. 113, Jan 2020, 105032.

### **Additional experience**

Practical field (collection of geophysical data – Multibeam echosounders, singlebeam echosounders, Sub-bottom profilers chirp, 3.5kHz and Sparker, Side Scan Sonar, collection of oceanographical data, water and sediment sampling) as well as laboratory (interpretation of geophysical data, sedimentological, geotechnical and geochemical analyses) experience has been obtained during several marine geophysical /geotechnical/ oceanographical projects carried out by the Lab. of Marine Geology & Physical Oceanography. Participated as a researcher in 10 multi-disciplinary EU and international projects and in more than 45 national projects

### **Participation in European projects**

- 2002-2004 – Research Assistant in ASSEM Array of Sensors for SEabed Monitoring of geohazards. (Fifth Framework Programme) European Union
- 2009-2012 - Research Assistant in HYPOX. In situ monitoring of oxygen depletion in hypoxic ecosystems of coastal and open seas, and land-locked water bodies (FP7-ENV-2008-1) European Union
- 2012 – 2015 – Research Assistant in APREH - Interdisciplinary aquaria for the promotion of environment and history, European Territorial Cooperation Programme Greece-Italy 2007-2013.
- 2012 – 2015 - Research Assistant in SASMAP - Development of tools and techniques to Survey, Assess, Stabilise, Monitor And Preserve underwater archaeological sites (FP7) European Union.
- 2015-2019- Research Assistant in LIFE DEBAG - Integrated information & awareness campaign for the reduction of plastic bags in the marine environment LIFE14 GIE/GR/001127
- 2018-2020: Research Assistant in MELTEMI MarinE litter transnational LegislaTion Enhancement and Improvement, Interreg Balkan-Mediterranean.
- 2019: Research Assistant in TRITON - Development of management Tools and directives for immediate protection of biodiversity in coastal areas affected by sea erosion and establishment of appropriate environmental control systems Interreg GR-I.