

**CURRICULUM VITAE**  
**Of**  
**Dimitris Christodoulou**

**PERSONAL DETAILS**

Name: Dimitris Christodoulou  
Address: 25 Martiou 13-15, Agios Vassilios, Patra, 26504, Greece  
Laboratory of Marine Geology and Physical Oceanography, University of Patras, Rio, 26110, Greece  
Tel. Number: +30-610-995726 (home) and +30-610-996295 (office)  
e-mail: [dchristo@upatras.gr](mailto:dchristo@upatras.gr)  
Nationality: Greek  
Languages: Greek and English

**EDUCATION**

**BSc in Geology** (Ptychion - 4 year study course). Department of Geology, University of Patras.

Grade: Second Class Honours, 7 (pass:5, max:10).

Undergraduate dissertation: Development of heavy metals pollution in the sediments of the N.E. Gulf of Patras, Greece. (in Greek)

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

Grade: First Class Honours, 9.7 (pass:5, max:10).

Title of MSc Thesis: The applications of marine geophysics in the study of the geological/geotechnical conditions of the seafloor for the construction of harbours. An example from the new Aegion harbour, Greece. (in Greek)

**PhD in Marine Geology**. Laboratory of Marine Geology and Physical Oceanography, Department of Geology, University of Patras.

Title of PhD thesis: Geophysical, Sedimentological Study on Pockmarks in Active Seismogenic Areas – Remote Sensing of their Activity.

Grade: First Class Honours

**SCHOLARSHIPS**

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.

## EMPLOYMENT

- 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.
- 2017 – today : **Academic Scholar**, University of Patras, Department of Geology. Teaching graduate courses: Environmental Oceanography
- 2009 – 2010: **Laboratory associate** in Technological Educational Institute of Messolonghi.

## TEACHING ACTIVITIES

- 2017 – today : **Academic Scholar** at the undergraduate course 'Environmental Oceanography of the Department of Geology, University of Patras, Greece.
- 2017 – 2019: **Laboratory assistant** at the course: "Marine Geology and application in marine engineering". MSc program: "Environmental Oceanography", Geology Dpt., University of Patras, Greece.
- 2020 – today : **Laboratory assistant** at the course: "Exploration and mapping of the seabed". MSc program: "Oceanography - Exploration, mapping and marine environment management", Geology and Biology Depts, University of Patras, Greece.
- 2009 – 2010: **Laboratory associate** at the course 'Chemical Oceanography' in Technological Educational Institute of Messolonghi.
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## SKILLS AND QUALIFICATIONS

**Languages:** Greek - Native fluency  
English - Good fluency

### Marine Geophysical - Oceanographic Equipment

MBES Elac Nautic Seabeam SB1185, Single-beam echosounder Elac Hydrostar 4300, Single-beam echosounder Biosonics, Sub-bottom profiler '3.5kHz', Sub-bottom profiler 'Sparker', Sub-bottom profiler Chirp, Side Scan Sonar 'EG&G 272TD-Edgeteck 4100', Side Scan Sonar Edgetech 4200SP, R.O.V. Benthos MKII, ADCP Teledyne, Current meters, CTD's, Dissolved gas underwater sensors, seawater and sediment samplers.

### Computer Software

#### Marine Geophysical data acquisition and processing:

Hypack / Hysweep, Hydrostar Online, Triton Imaging Inc. SB-logger, Triton Imaging Inc. Isis sonar, Triton Imaging Inc. SB-Interpreter Triton Imaging Inc. Delph Map, Edgetech Discover 4100, Edgetech Discover 4200, Chesapeake Sonar Wiz.

**Mapping:** ArcGIS/ArcInfo, AutoCAD, Golden Software Surfer, Golden Software Grapher, SPSS

**Office Software:** Microsoft Office, CorelDRAW, Adobe Photoshop

## PUBLICATIONS

### SCIENCE CITATION INDEX JOURNALS(\*) AND INTERNATIONAL JOURNALS

1. Papatheodorou G., Stefatos A., **Christodoulou D.**, Ferentinos G. (2003): "Small scale present day turbidity currents in a tectonically active submarine graben, the Gulf of Corinth (Greece): their significance in dispersing mine tailings and their relevance to basin filling". In *Submarine Mass Movements and their Consequences*, (eds. J. Local & J. Mienert). *Advances in Natural and Technological Hazards Research*, vol. 19, pp. 459-469.
2. \***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 <https://doi.org/10.1007%2Fs00367-003-0151-0>
3. Favali, P.; Beranzoli, L.; Calcara, M.; Dapos;Anna, G.; Etiope, G.; Frugoni, F.; Lo Bue, N.; Marinaro, G.; Monna, S.; Montuori, C.; Sgroi, T.; Gasparoni, F.; Cenedese, S.; Furlan, F.; Ferentinos, G.; Papatheodorou, G.; **Christodolou, D.**; Blandin, J.; Marvaldi, J.; Rolin, J.-F.; Clauss, G.; Gerber, H.; Coudeville, J.-M.; Nicot, M.; Flueh, E.; Gamberi, F.; Marani, M.P.; Neri, G. (2004) Single-frame multiparameter platforms for seafloor geophysical and environmental observations: projects and missions from GEOSTAR to ORION. *MTS/IEEE TECHNO-OCEAN*, vol. 4, pp. 2000-2007.
4. \*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) <https://doi.org/10.3319%2Ftao.2005.16.4.897%28gig>
5. \*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 <https://doi.org/10.1306%2F11170505089>
6. \*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 <https://doi.org/10.1130%2Fg22824.1>
7. \*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 <https://doi.org/10.1007%2Fs00367-006-0040-4>
8. \*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 <https://doi.org/10.1016%2Fj.jenvrad.2006.12.014>
9. Marinaro, G., Etiope, G., Lo Bue, N., Favali, P., Papatheodorou, G., **Christodoulou, D.**, Furlan, F., Gasparoni, F., Ferentinos, G., Masson, M., Rolin, J-F (2007). A cabled monitoring module for gas seepage: the first experiment in a pockmark (Patras Gulf, Greece). *IEEE/CNF*, vol. p. 343-348. DOI: 10.1109/UT.2007.370810 <https://doi.org/10.1109%2Fut.2007.370810>
10. Chalari, A., **Christodoulou, D.**, Papatheodorou, G., Geraga, M., Stefatos, A., Ferentinos, G. (2008): Use of remote sensing and GIS in the reconstruction of coastal palaeogeography of Alexandria,

Egypt, In: Y. Facorellis, N. Zacharias, K. Polokreti (eds), British Archaeological Reports (BAR) International Series 1746, ISBN 978 1 4073 01884, pp. 119-128.

11. \*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 <https://doi.org/10.1127/0372-8854/2009/0053S1-0191>

12. \*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 <https://doi.org/10.1016/j.microc.2010.04.001>

13. \*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 <https://doi.org/10.1016/j.ecss.2010.05.006>

14. \*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 [https://doi.org/10.1016/S1001-6279\(12\)60012-2](https://doi.org/10.1016/S1001-6279(12)60012-2)

15. \* 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.

16. \*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 <https://doi.org/10.1016/j.chemgeo.2013.04.003>

17. \*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 <https://doi.org/10.1016/j.jenvrad.2013.02.020>

18. \* 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.

19. \*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 <https://doi.org/10.1007/s12665-014-3824-2>

20. \*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 <https://doi.org/10.3390/rs70201263>

21. \*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.
22. \*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 <https://doi.org/10.1007/s00531-016-1299-y>
23. \*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 <https://doi.org/10.1002/2015TC004026>
24. \*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. <https://doi.org/10.1016/j.jasrep.2016.08.004>
25. Francis-Allouche M., Grimal N., Massih H. A., Herbich T., Carayon N., Papatheodorou G., Geraga M., Georgiou N., **Christodoulou D.**, Mathé, V., Adrien C., 2017. Byblos maritime: une installation portuaire au piémont sud de la ville antique. *BAAL - Bulletin d'Archéologie et d'Architecture Libanaises*, Ministère de la Culture - Direction Générale des Antiquités, 17, 197-262. DOI: 10.1016/j.jasrep.2016.08.004
26. \*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 <https://doi.org/10.1016/j.tecto.2018.08.003>
27. \*Fakiris, E.; Blondel, P.; Papatheodorou, G.; **Christodoulou, D.**; Dimas, X.; Georgiou, N.; Kordella, S.; Dimitriadis, C.; Rzhannov, 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 <https://doi.org/10.3390/rs11040461>
28. \*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. <https://doi.org/10.1016/j.jas.2019.105032>
29. \*Gkionis, P., Papatheodorou, G., Geraga, M., Fakiris, E., **Christodoulou, D.**, Tranaka, K. A marine geoarchaeological investigation for the cultural anthesis and the sustainable growth of Methoni, Greece (2020) *Journal of Cultural Heritage*, 42, pp. 158-170. <https://doi.org/10.1016/j.culher.2019.08.009>
30. Geraga M, Papatheodorou G, Christodoulou D, Fakiris E, Iatrou M, Kordella S, Prevenios M, Deregias N, Vafiadou K. Underwater Geoarchaeological Survey of Lake Pamvotis, Greece. *Open Access J Arch & Anthropol*. 2(4): 2020. OAJAA.MS.ID.000543. DOI: 10.33552/OAJAA.2020.02.000543
31. \*Hasan O, Miko S, Brunović D, Papatheodorou G, **Christodoulou D**, Ilijanić N, Geraga M. Geomorphology of Canyon Outlets in Zrmanja River Estuary and Its Effect on the Holocene Flooding

of Semi-enclosed Basins (the Novigrad and Karin Seas, Eastern Adriatic). *Water*. 2020; 12(10):2807. <https://doi.org/10.3390/w12102807>

32. Geraga M, **Christodoulou D**, Eleftherakis D, Papatheodorou G, Fakiris E, Dimas X, Georgiou N, Kordella S, Prevenios M, Iatrou M, Zoura D, Kekebanou S, Sotiropoulos M, Ferentinos G. Atlas of Shipwrecks in Inner Ionian Sea (Greece): A Remote Sensing Approach. *Heritage*. 2020; 3(4):1210-1236. <https://doi.org/10.3390/heritage3040067>

33. \*Kordella S, **Christodoulou D**, Fakiris E, Geraga M, Kokkalas S, Marinaro G, Iatrou M, Ferentinos G, Papatheodorou G. Gas Seepage-Induced Features in the Hypoxic/Anoxic, Shallow, Marine Environment of Amfilochia Bay, Amvrakikos Gulf (Western Greece). *Geosciences*. 2021; 11(1):27. <https://doi.org/10.3390/geosciences11010027>

### BOOK CHAPTERS

1. Papatheodorou G., **Christodoulou D.** and G. Ferentinos (2007) "Gas charged sediments and associated seabed morphological features in the Aegean and Ionian seas, Greece". Contribution 13 (in Powerpoint format). In: "Seabed Fluid Flow. The impact on Geology, Biology and the Marine Environment" by Alan Judd and Martin Hovland, Cambridge University Press, Cambridge CB2 2RU, UK, p. 475, ([www.cambridge.org/9780521819503](http://www.cambridge.org/9780521819503)).

2. Papatheodorou G., **Christodoulou D.**, Geraga M., Etiope G., Ferentinos G (2007) "The pockmark field of the Gulf of Patras: An ideal natural laboratory for studying seabed fluid flow" In: ZELILIDIS, A., PAPANATHANASSIOU, G. and GERAGA, M. (eds.): *Sedimentology of western and central Greece from recent to Triassic*. 25<sup>th</sup> IAS Meeting of Sedimentology, Patras, 2007, Field Trip Guidebook, p. 43-62.

3. Geraga M., Kordella S., Etiope G., Iatrou M., **Christodoulou D.**, Papatheodorou G., 2013. Conference Programme and Field Trip Guide book. 12th International Conference on Gas Geochemistry 2013 (ICGG12), Patras, Greece, 1-7 September 2013, p:9.

4. Papatheodorou G., Christodoulou D., Etiope G., Geraga M., Ferentinos G., Kordella S. (2014) seabed fluid flows in ionian sea and western Greece: indicators of petroleum and natural gas reservoirs. In "The Aegean Sea and the South-East Mediterranean" Tsaltas G. and Anagnostou C. (eds), I. Sideris, Athens, pp 49-76.

5. Papatheodorou, G., M. Geraga, A. Chalari, D. Christodoulou, M. Iatrou, G. Ferentinos. (2015) Hellenistic Alexandria: A palaeogeographic reconstruction based on marine geophysical data. Chapter in Book "Alexandria under Mediterranean" (Georges Soukiassian ?d.), CEALex Publisher 36-2015, pp. 27-62.

6. Levy T., Sideris T., Howland M., Liss B., Tsokas G., Stambolidis A., Fikos E., Vargemezis G., Tsourlos P., Georgopoulos A., Papatheodorou G., Garaga M., Christodoulou D., Norris R., Rivera-Collazol I., Liritzis I. Cyber-Archaeology and Grand Narratives: Digital Technology and Deep-Time perspectives on culture change in the Middle East, Thomas E. Levy and Ian W.N. Jones (eds), One World Archaeology, 2018, Springer, ISBN 978-3-319-65693-9 [https://doi.org/10.1007/978-3-319-65693-9\\_9](https://doi.org/10.1007/978-3-319-65693-9_9)

### CONFERENCE PROCEEDINGS

1. Papatheodorou, G., Stefatos, A., **Christodoulou, D.** & Ferentinos, G. (2001): "Remote Sensing in Submarine Archaeology and Marine Cultural Resources Management: An ancient shipwreck outside

Zakynthos port, Greece." *Proceedings of 7<sup>th</sup> Conference on Environmental Science and Technology (CEST) (Global Nest)*.

2. **Christodoulou, D.**, Stefatos, A., Hasiotis, T., Papatheodorou, G. and Ferentinos G. (2001): "The applications of marine geophysics in the study of the geological/geotechnical conditions of the seafloor for the construction of harbours." *Proceedings of 4<sup>th</sup> Greek Conference of Geotechnical and Geoenvironmental Mechanics, Vol. 1, pp. 243-250. (in Greek)*.

3. Papatheodorou, G., Stefatos, A., Geraga, M., Chalari, A., **Christodoulou, D.**, Ferentinos, G., Paleokrasas, A., Tzalas, H., Fahmy, M., E., και Omer, S., A. (2001): 'Location of submerge evidence of human activity in Alexandria (Egypt), using contemporary geophysical methods.', *Proceedings of 9<sup>o</sup> International Conference of the Hellenic Geological Society. Vol.4, 1325-1335*.

4. George Papatheodorou, Athina Chalari, Maria Geraga, Aristofanis Stefatos, Aris Paleokrasas, **Dimitris Christodoulou** and George Ferentinos (2001): "A Marine Archaeological reconnaissance survey in Alexandria (Cape Lochias), Egypt, using remote sensing technology". *In Proceedings of International Symposium "Extraordinary Machines and Structures in Antiquity", Ancient Olympia, Greece, 19-24 August 2001, pp. 266-270*

5. Mitsis, C., Papatheodorou, G., Ravasopoulos, I., **Christodoulou, D.** and Ferentinos, G. (2002): A multivariate statistical approach to the investigation of pockmarks growth and activity. An example from a pockmark field in the Gulf of Patras (W. Greece). *Proceedings of the 6<sup>th</sup> Greek Geographical Conference. Vol. 1, 194-201*.

6. Chalari A., D. **Christodoulou**, G. Papatheodorou, M. Geraga, and G. Ferentinos (2003): "Marine Geophysical Investigation Around the Site of the Famous Pharos of Alexandria (Egypt) for the Detection of Ancient Shipwrecks. (Preliminary Results)". *2nd World Congress. Ancient Greece "The Modern World", Ancient Olympia (International Olympic Academy), 12-17 July 2002. (in press)*.

7. Klironomos, D., Kotronakis, D., **Christodoulou, D.**, Karagouni, A., Papatheodorou, G., and Ferentinos, G. (2004): Marine G.I.S. : an environmental application to Psitalia – Keratsini channel, Saronic Gulf, Greece. *Proceedings of the 7<sup>th</sup> Greek Geographical Conference. Vol. 3, 508-515. (in greek)*

8. Chalari A., Papatheodorou G., Fakiris E., **Christodoulou D.**, Geraga M., Ferentinos G. (2006) (2006): A simple methodological scheme for sidescan sonar target classification. Case study: Alexandria, Egypt. *Proceedings of the 8th Greek Oceanography Conference, pp. 593-596. 8ο Πανελλήνιο Συμπόσιο Ωκεανογραφίας & Αλιείας, Θεσσαλονίκη 4-8 Ιουνίου 2006. Περιλήψεις σελ. 134.*

9. Papatheodorou G., Geraga M., Chalari A., Stefatos A., **Cristodoulou D.** and G. Ferentinos (2008): "Remote sensing in Underwater Archaeology: Case studies from Greece and Alexandria (Egypt)". *Proceedings of 8th International Symposium on ship construction in Antiquity, Hydra 28-30 August 2002. (in press)*.

10. **Cristodoulou D.**, Papatheodorou G., Fakiris E., Etiope G., Ferentinos, G. (2009): The activation of the patras gulf pockmark field triggered by the june 8, 2008 earthquake. *Proceedings of the 9<sup>th</sup> Greek Oceanography Conference, Vol. 1, pp. 3-8*.

11. Papatheodorou G., Fakiris E., Geraga. M., Iatrou M., **Cristodoulou D.**, Patsourakis M., Kekebanou S., Karelas G., Ferentinos G. (2009): The battle of Lepanto search and Survey mission (Greece), 1971-72, By Throckmorton, Edegerton and Yalouris: Following their traces 36 years later. *Proceedings of the 9<sup>th</sup> Greek Oceanography Conference, Vol. 1, pp. 134-139*.

12. Christodoulou D., Kordella S., Etiope G., Papatheodorou G., Lo Bue N.,G. Marinaro G., Geraga M., Iatrou M., Fakiris E., Ferentinos G. (2012). Fluid expulsions from pockmarks and associated oxygen depletion in  $\alpha$  hypoxic/anoxic environment, Amfilochia bay, Eastern Amvrakikos Gulf. Proceedings of the 10<sup>th</sup> Greek Oceanography Conference (in CD format).
13. Papatheodorou, G., Geraga, M., Chalari, A., Christodoulou, D., Iatrou, M., Fakiris, E., Kordella, K., Prevenios, M., Ferentinos, G. (2011) remote sensing for underwater archaeology: case studies from Greece and eastern Mediterranean sea. Bulletin of the Geological Society of Greece, 44,100-115.
14. Christodoulou D., Kordella S., Etiope G., Papatheodorou G., Lo Bue N.,G. Marinaro G., Geraga M., Iatrou M., Fakiris E., Ferentinos G. (2012). Fluid expulsions from pockmarks and associated oxygen depletion in  $\alpha$  hypoxic/anoxic environment, Amfilochia bay, Eastern Amvrakikos Gulf. Proceedings of the 10<sup>th</sup> Greek Oceanography Conference (in CD).
15. Papatheodorou G., Geraga M., Chalari A., Stefatos A., **Christodoulou D.** and G. Ferentinos (2011): "Remote sensing in Underwater Archaeology: Case studies from Greece and Alexandria (Egypt)". Proceedings of 8th International Symposium on ship construction in Antiquity, Hydra 28-30 August 2002 (in press).
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47. Šolaja D., Miko S., Papatheodorou G., Hasan O., Marković T., Christodoulou D., Brunović D. Ilijanić N., Gusić I., 2017. Reconstruction of the late Quaternary deposition system of the Koločep Channel (Croatia): paleohydrogeology and paleoseismicity. 5 th regional scientific meeting on Quaternary geology dedicated to geohazards and final conference of the LoLADRIA project" Submerged Pleistocene landscapes of the Adriatic Sea".

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49. Georgiou N., Papatheodorou G., Geraga M., Christodoulou D., Francis-Alloche M., 2018. Marine Geo-Archaeological survey in Byblos, Lebanon, Eastern Mediterranean. 2th Panhellenic Symposium of Oceanography & Fisheries Ionian University, Corfu, 30 May – 3 June 2018, Abstract Book, p. 92.

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54. Konstantinos G. Nikolakopoulos, Dimitris Konstantinopoulos, Nikolaos Depountis, Katerina Kavoura, Nikolaos Sabatakakis, Elias Fakiris, **Dimitris Christodoulou**, George Papatheodorou, "Coastal monitoring activities in the frame of TRITON project," Proc. SPIE 11156, Earth Resources and Environmental Remote Sensing/GIS Applications X, 111560Z (3 October 2019); <https://doi.org/10.1117/12.2532766>

#### **ADDITIONAL EXPERIENCE**

Practical field (collection of geophysical data – Echosounders, Sub-bottom profilers, 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.

#### **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.

## **INTERNATIONAL RESEARCH PROJECTS**

2012-2013: Low temperature methanation in geologic environments. PETROBRAS

2014-2016: Hydrocarbons and CO<sub>2</sub> evolution in mafic and ultramafic rocks. GasConsult International Inc.USA

2015-2017: LoLADRIA – Lost Lake Landscapes of the Eastern Adriatic Shelf. Croatian Science Foundation

2014-2017: Marine remote sensing survey in Byblos, Lebanon. Collège de France - The Honor Frost Foundation

2017: CADMOS - South Maritime Archeology in Sidon and Tyre. Reprocessing of Multibeam data of Sidon and tyre, Lebanon. National Council of Scientific Research, Lebanon

2017-2018: Marine remote sensing survey in Anfeh, Lebanon. University of Balamad - The Honor Frost Foundation

2017-2018: Marine remote sensing survey in Sidon, Lebanon. The Honor Frost Foundation

2017-2018: Marine remote sensing survey in Sidon, Lebanon. The Honor Frost Foundation

2020 – 2022: Mapping and evaluation of Posidonia meadows and other important marine habitats under the European Habitats Directive (92/43/EEC) in the coastal waters of Cyprus Department of Fisheries and Marine Research of the Ministry of Agriculture, The Republic of Cyprus

## **COMMERCIAL - TECHNICAL PROJECTS**

2000: Marine geological/geophysical investigations in the Killini-Zakynthos strait for the submarine power link between the Greek mainland and Zakynthos island. Client: Pirelli.

2000: Marine geological/geophysical survey for the construction of the new Aegion Harbour. Client: Mohlos A.E.

2001- 2003: Patras municipal outfall water quality monitoring. Client: Patras Water and Sewage Authority.

2001: Marine geological/geophysical investigations for the laying of power cables between Keratsini and Psytallia, Greece. Client: Akti Engineering.

2001: Marine geological/geophysical investigations for the laying of power cables between Keratsini and Psytallia, Greece. Client: Akti Engineering.

2003: Marine Environmental study of the dredging material of Patras Harbour. Client: O.L.PA. A.E.

2004: Marine Environmental study of the dredging material of Pireaus Harbour. Client: O.L.P. A.E.

2008: Marine geological/geophysical survey for the laying of pipelines between Attiki and Evoia. Client: GuD Geotechnik und Dynamik GmbH.

2008: Marine Environmental study of the dredging material of Igoumenitsa Harbour. Client: ELTER A.T.E.

2008: Marine geological/geophysical survey for the dredging of Alexandroupolis Harbour. Client: ELTER A.T.E.

2008: Marine geological/geophysical survey for the dredging of Igoumenitsa Harbour. Client: ELTER A.T.E.

2008: Marine geological/geophysical survey for the laying of pipeline between Salamina Island and N. Peramos. Client: IANTD.

2009: Marine geological/geophysical survey for the construction of Kimi Harbour. Client: Municipality of Kimi

2009: Marine geological/geophysical/hydrographic survey for the construction of Strofades Island, Ionian Sea. Client: The Holy Metropolis of Zakynthos and Strofadon

2009-2011: Marine Environmental study of Pamvotida lake (Ioannina). Client: Prefecture of Ioannina

2010: Marine geological/geophysical investigations for the laying of power cables between Lavrio and Ag. Georgios Isl., Greece Client: Akti Engineering.

2010-2011: Marine Environmental study of Amvrakikos Gulf Client: Prefecture of Preveza

2012: Marine geological/geophysical investigations for the laying of telecommunication cables between Neapoli and Kythera, Greece

2014: Desktop study for the selection of the most suitable route for the laying of submarine power cables between Attiki and Crete. Client: Public Power Corporation (P.P.C.) of Greece.

2015: Environmental Monitoring of marine biohabitats at Laganas Gulf, Zakynthos. Client: National Marine Park of Zakynthos

2015: Marine geological/geophysical survey at Kavala Bay for the installation of a new oil platform and the laying of oil pipelines between oil platforms Client Energean Oil and Gas

2015-2016: Patraikos Gulf Acoustic Monitoring Project. Client Hellenic Petroleum West Patraikos Exploration & Production of Hydrocarbons SA.

2017-2018: Geological, geomorphological and sedimentological research of the lacustrine deposits of the Marathonas reservoir (artificial lake). Client: EYDAP S.A.

2018: Marine geological/geophysical survey the laying of a fresh water between Salamis and Aegina Islands. Client Konstadinides S.A.

2018: Marine geophysical survey for the underwater connection between Perama and Salamis Isl. Client Ministry of infrastructure & transport.

2018: Site Survey and Environmental Sampling Habitat Assessment Baseline Surveys Services - West Patraikos License Area offshore Greece Client: HELLENIC PETROLEUM – HELPE Patraikos S.A.