

**CURRICULUM VITAE**  
of  
**George Papatheodorou**



**PERSONAL DETAILS**

Professor of Environmental Oceanography, Department of Geology, University of Patras.  
Office address: Laboratory of Marine Geology and Physical Oceanography, Geology Department, University of Patras, Rio, 26 504, Greece  
Tel. Number: (office) ++2610-996275  
**Email:** [gpapathe@upatras.gr](mailto:gpapathe@upatras.gr), [George.Papatheodorou@upatras.gr](mailto:George.Papatheodorou@upatras.gr),  
[www.oceanus.upatras.gr](http://www.oceanus.upatras.gr)  
**Nationality:** Greek  
**Marital status:** Married (with one child)  
**Languages:** Greek and English

**TITLE AND POSITION**

1. **Under Appointed Lecturer** in Oceanography, Department of Ichthyology and Aquatic Environment, **University of Thessaly** (1995-2000).
2. **Lecturer** in “Environmental Oceanography”, **University of Patras**, Department of Geology (2000-2004).
3. **Assistant Professor** in “Environmental Oceanography”, **University of Patras**, Department of Geology (2004 to 2009).
4. **Associate Professor** in “Environmental Oceanography”, **University of Patras**, Department of Geology (2009 to 2013).
5. **Professor** in “Environmental Oceanography”, **University of Patras**, Department of Geology (2013).

**EDUCATION & QUALIFICATIONS**

1. 1978 - 1982 **B. Sc. in Geology** (Ptychion - 4 year study course). Grade "With Honors". Department of Geology, University of Patras.
2. 1984 - 1990 **Ph.D.** in the Department of Geology, University of Patras. Title of thesis: “Recent sedimentation processes in the Gulf of Corinth”. Grade "with Honors".

**SCHOLARSHIPS**

- (a) 1978 - 1982 (4 years): State Scholarship Foundation of Greece scholarship for B.Sc studies.
- (b) 1984 - 1986 (2 years): « A. Onasis» Foundation scholarship for Doctorate thesis
- (c) 1986 - 1988 (2 years): «Bodosakis» Foundation scholarship for Doctorate thesis

**EMPLOYMENT**

- 1/1/1984 - 1999: **Research Associate:** Laboratory of Marine Geology and Physical Oceanography, University of Patras.
- 1/3/1987 - 1999: **Consultancy Work for:** University of Patras, Dept. Of Geology, Laboratory of Marine Geology and Physical Oceanography, Patras, Greece.
- 1995-2000: **Under Appointed Lecturer** in Oceanography, Department of Ichthyology and Aquatic Environment, **University of Thessaly**.
- 2000-2004: **Lecturer** in “Environmental Oceanography”, **University of Patras**, Department of Geology.
- 2004-2009: **Assistant Professor** in “Environmental Oceanography”, **University of Patras**, Department of Geology.
- 2009-2013: **Associate Professor** in “Environmental Oceanography”, **University of Patras**, Department of Geology.
- 2013: **Professor** in “Environmental Oceanography”, **University of Patras**, Department of Geology.

## PUBLICATIONS

Publications in Journals of SCIENCE CITATION INDEX	<b>51</b> (in 32 different Journals, Total Impact Factor: 116.20, Range of Impact Factor: 0.5-4.2, average Impact Factor= 2,26)
Publications in peer-reviewed International Journals	<b>15</b>
Special Publications and Book chapters	<b>3</b>
Full-length papers in Proceedings of International and National Conferences	<b>93</b>
ABSTRACT S	<b>122</b>
Books (co-author)	<b>3</b> (Hellenic Open University) <b>2</b> (University of Patras Press)
Citations in Science Citation Index (SCI) (shelf-citations excluded)	<b>760</b>
Citations not included in Science Citation Index	<b>350</b>
h-index	<b>17-19</b>

### PUBLICATIONS IN JOURNALS OF SCIENCE CITATION INDEX (\*)

1. **\*Varnavas S.P. and Papatheodorou G.** (1987): "Marine mineral resources in the Eastern Mediterranean Sea. An Iron, titanium, chromium, nickel deposit in the Gulf of Corinth Greece". *Marine Mining*, vol. 6, pp. 37-70.
2. **Rossi S., Catani G., Ergun M., Ferentinos G., Gasperini L., Got H., Lenardon G., Macridou T., Martin L., Ori C., Palumbo V., Papatheodorou G., Taviani M., Tunis G. and Vinci A.** (1986): "Mare di Creta e bacino di Antalya: Entrambe sono zone di retroarco. Obiettivi e risultati preliminari della crociera MAC GAN 86". *Rend. Soc. Geol. Ital.*, (Rendiconti della Societa Geologica Italiana) vol. 9, pp. 11-14.
3. **\*Ferentinos G., Papatheodorou G. and Collins M.** (1988): "Sediment transport processes on an active submarine fault escarpment of an assymetric graben, Gulf of Corinth, Greece". *Marine Geology*, vol. 83, pp. 43- 61.
4. **\*Papatheodorou G., Hasiotis T. and Ferentinos G.** (1993): "Gas charged sediments in the Aegean and Ionian Seas, Greece". *Marine Geology* vol. 112, pp. 171-184.
5. **\*Papatheodorou G. and Ferentinos G.** (1993): "Sedimentation processes and basin filling depositional architecture in an active assymetric graben, Strava Graben, Gulf of Corinth". *Basin Research*, vol. 5, pp. 235-253.
6. **\*Hasiotis T., Papatheodorou G., Kastanos N. and Ferentinos G.** (1996): "A pock-mark field in the Patras Gulf (Greece) and its activation during the 14/7/1993 seismic event". *Marine Geology*, vol. 130, pp. 333-344.
7. **\*Voudouris K., Lamprakis N., Papatheodorou G. and Daskalaki P.** (1996): "An application of factor analysis for the study of the hydrogeological conditions in Plio-Pleistocene aquifers of NW Achaia" (NW Peloponnesus, Greece). *Mathematical Geology*, vol. 29, No. 1, pp. 43-59.
8. **\*Papatheodorou G. and Ferentinos G.** (1997): "Submarine and coastal sediment failure triggered by the 1995, Ms=6.1R Aegion earthquake, Gulf of Corinth, Greece". *Marine Geology*, vol. 137, pp. 287-304.
9. **\*Poulos S.E., Collins M.B., Pattiaratchi C., Cramp A., Gull W., Tsiblis M. and Papatheodorou G.** (1996): "Oceanography and sedimentation in the semi-enclosed deep-water Gulf of Corinth (Greece). *Marine Geology*, vol. 134, pp. 213-235.
10. **\*Stefatos A., Charalampakis M., Papatheodorou G., Ferentinos G.** (1999): "Marine debris on the seafloor of the Mediterranean Sea: Examples from two enclosed Gulfs in Western Greece". *Marine Pollution Bulletin*, vol. 36, pp. 389-393.
11. **Papatheodorou G., Lyberis E. and Ferentinos G.** (1999): "Use of Factor analysis to study the distribution of metalliferous bauxitic tailings in the seabed of the Gulf of Corinth, Greece". *Natural Resources Research*, vol. 8, No 4, pp. 277-285.
12. **\*Geraga M., Tsaila-Monopoli St., Ioakim Ch., Papatheodorou G., and Ferentinos G.** (2000): "An

- evaluation of paleoenvironmental changes during the last 18000 yrs BP in the Myrtoon Basin, S.W. Aegean Sea". *Palaeo-geography-climatology-ecology*, vol. 156, pp. 1-17.
13. **\*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 climate variability during the Holocene". *Mediterranean Marine Science*, vol. 2/1, pp. 45-55.
  14. **\*Collier R., Leeder M.R., Trout M., Ferentinos G., Lyberis E. and Papatheodorou G.** (2000): "High sediment yields and cool wet winters: Test of last glacial paleoclimates in the northern Mediterranean". *Geology*, vol. 28, No 11, pp. 999-1002
  15. **\*Leeder M.R., Collier R., L.H.A. Aziz, Trout M., Ferentinos G., Papatheodorou G and Lyberis E.** (2002): "Tectono-sedimentary processes along an active marine/lacustrine half-graben margin: Alkyonides Gulf, E. Gulf of Corinth, Greece". *Basin Research*, vol. 14, issue 1, pp 25-42.
  16. **\*Ravasopoulos, J., G. Papatheodorou, J. Kapolis, M. Geraga, A. Koliadima and K. Xenos,** (2002): "A promising methodology for the detection of pockmark activation in nearshore sediments, Gulf of Patras (W. Greece)". *Instrumentation Science and Technology*, vol 30, 2, pp. 139-155.
  17. **\*Hasiotis T., Papatheodorou G., Bouckovalas G., Corbau C. and Ferentinos G.** (2002): "Earthquake-induced sediment instabilities in the coastal zone of a submarine alluvial fan in the western Gulf of Corinth, Greece". *Marine Geology*, vol. 186, pp. 319-335.
  18. **\*Stefatos A., Papatheodorou G., Ferentinos G., Leeder M and Collier R.** (2002): "Active offshore faults in the Gulf of Corinth: Their seismotectonic significance". *Basin Research*, vol. 14, pp. 1-14
  19. **\*Hasiotis T., Papatheodorou G., and Ferentinos G.** (2002): "A string of large and deep gas-induced depressions (pockmarks) offshore of Killini Peninsula, Western Greece". *Geo-Marine Letters*, vol. 22, issue 3, pp. 142-149.
  20. **\*Papatheodorou G., Hotos G., Geraga M., Avramidou D. and Vorinakis T.** (2002): "Heavy metal concentrations in sediments of Klisova lagoon (S.E. Mesolonghi-Aitolikon Lagoon complex), W. Greece". *Fresenius Environmental Bulletin*, vol 11, No 11, pp. 951-956.
  21. **Phaneuf B.A., Ciavola P., Papatheodorou G. and G. Ferentinos.** (2002): "Ionian Sea Study 2001". *I.N.A Quarterly*, vol. 29, No. 3/4, pp. 28-29.
  22. **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.
  23. **\*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.
  24. 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.**; Christodoulou, 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.
  25. **\*Seymour K.St., Christanis K., Bouzinos A., Papazisimou S., Papatheodorou G., Moran E., and G. Denes.** (2004): Tephrostratigraphy and tephrochronology in the Philippi peat basin Macedonia, Northern Hellas (Greece). *Quaternary International* 121, 53-65.
  26. **\*Hasiotis T., Papatheodorou G., and G. Ferentinos** (2005): A high resolution approach in the recent sedimentation processes at the head of Zakynthos Canyon, W. Greece. *Marine Geology* 214, 49-73.
  27. **\*Papatheodorou, G., H. Papaefthymiou, A. Maratou and G. Ferentinos** (2005): Natural radionuclides in bauxitic tailings (red-mud) in the Gulf of Corinth, Greece, *Radioprotection* vol.40, 549-555.
  28. **\*Papatheodorou, G., Geraga, M., Ferentinos, G.,** (2005): The Navarino Naval Battle site, Greece – an integrated remote sensing survey and a rational management approach. *International Journal of Nautical Archaeology* vol. 34, No 1. 95-109.
  29. **\*Geraga, M., Tsaila-Monopolis, S., Ioakim, C., Papatheodorou, G., Ferentinos, G.,** (2005). Short-term climate changes in the southern Aegean Sea over the last 48,000 years. *Palaeogeography, Palaeoclimatology, Palaeoecology* vol. 220, 311-332.

30. **\*Mc Neil L.C., Cotterill C.J., Henstock H.J., Bull J.M., Stafatos A., Collier R.E.L., Papatheodorou G., Ferentinos G. and Hicks S.E. (2005):** Active faulting within the offshore western Gulf of Corinth, Greece: Implications for models of continental rift deformation. *Geology* vol. 33, 241-244.
31. **\*Etiopie 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.
32. **Rolin J-F, J. Blandin, V. Lykousis, J. Strout, G. Etiopie, P. Favali, P. Briole, V. Ballu, G. G. Papatheodorou, Ferentinos, D. Cathie, M. Masson. (2005)** Common issues between cabled and non cabled observatories in ASSEM project. *Oceans 2005 – Europe/IEEE CNF*, vol.2, pp. 872-877.
33. **\*Etiopie 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.
34. **\*Papatheodorou G., Demopoulou G., Lambrakis N. (2006)** A long-term study of temporal hydrochemical data in a shallow lake using multivariate statistical techniques. *Ecological Modelling* 193, p. 759-776.
35. **\*Etiopie, 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.
36. **\*Marinaro, G., G. Etiopie, 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.
37. **\*Hasiotis, T., Charalampakis, M., Stafatos, A., Papatheodorou, G. & Ferentinos, G. (2006)** Fan delta development and processes offshore a seasonal river in a seismically active region, NW Gulf of Corinth. *Geo-Marine letters* 26, p: 199-211.
38. **\*Stafatos, A., Charalampakis, M., Papatheodorou, G. & Ferentinos, G (2006).** Tsunamogenic sources in an active European half-graben (Gulf of Corinth, Central Greece), *Marine Geology* 232, p. 35-47.
39. **\*Papatheodorou G., Lambrakis N., Panagopoulos G. (2007)** Application of statistical procedures to the hydrochemical study of a coastal aquifer: An example Crete, Greece. *Hydrological Processes* vol. 21, 1482-1495.
40. **\*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.
41. **Marinaro, G., Etiopie, 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.
42. **Hasiotis, T., G. Papatheodorou, M. Charalampakis, A. Stafatos, G. Ferentinos (2007).** High frequency sediment failures in a submarine volcanic environment: The Santorini (Thera) basin in the Aegean Sea. In: Lykousis, Sakellariou, Locat (eds), *Submarine Mass Movements and Their Consequences. Advances in Natural and Technological Hazards Research*, vol. 27, p. 309-316.
43. **Iatrou, M., G. Ferentinos, G. Papatheodorou, D.J.W. Piper, E. Tripsanas (2007).** Anthropogenic turbidity current deposits in aseismically active graben, the Gulf of Corinth, Greece: A usefull tool for studying turbidity current transport processes. In: Lykousis, Sakellariou, Locat (eds), *Submarine Mass Movements and Their Consequences. Advances in Natural and Technological Hazards Research*, vol. 27, p. 149-157.
44. **Hasiotis, T., G. Papatheodorou, G. Ferentinos (2007).** Sediment stability conditions west of Milos Island, West Hellenic Volcanic Arc. In: Lykousis, Sakellariou, Locat (eds), *Submarine Mass Movements and Their Consequences. Advances in Natural and Technological Hazards Research*, vol. 27, p. 317-324.
45. **\*Koutsodendris, A., Papatheodorou, G., Kougiourouki O., Georgiadis M. (2008).** Benthic marine litter in four Gulfs in Greece, Eastern Mediterranean; Abundance, composition and source identification. *Estuarine, Coastal and Shelf Science*, vol. 77, p. 501-512.
46. **Chalari, A., Christodoulou, D., Papatheodorou, G., Geraga, M., Stafatos, 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. Polikreti (eds), *British Archaeological Reports (BAR) International Series 1746, ISBN 978 1 4073 01884*, pp. 119-128.

47. **Papatheodorou, G., Geraga, M., Ferentinos G.,** (2008): The reconstruction of prehistoric shorelines in Dokos Island, Aegean Sea, using remote sensing techniques. In: Y. Facorellis, N. Zacharias, K. Polikreti (eds), British Archaeological Reports (BAR) International Series 1746, ISBN 978 1 4073 01884, pp. 65-71.
48. **\*Geraga, M., Mylona, G., Tsaila-Monopoli St., Papatheodorou, G., Ferentinos, G.** (2008) Northeastern Ionian Sea: Palaeoceanographic variability over the last 22 ka. *Journal of Marine Systems* doi:10.1016/j.jmarsys.2008.05.019.
49. **Papatheodorou, G., E., Fakiris, M., Geraga, G., Ferentinos, C., Koutsikopoulos** (2008). Ghostly Images of the HMHS Britannic, the Titanic's ill fated, sunken sister ship. *Hydro International*, September 2008, Vol. 12, no. 7, pp. 15-18.
50. **\*Georgiadis, M., G., Papatheodorou, E., Tzanatos, M., Geraga, A., Ramfos, C., Koutsikopoulos, G., Ferentinos** (2009): Coralligène formations in the eastern Mediterranean Sea: Morphology, distribution, mapping and relation to fisheries in the southern Aegean Sea (Greece) based on high-resolution acoustics. *Journal of Experimental Marine Biology and Ecology*, 368, 44-58.
51. **\*Karagiannidi, Th., Papaefthymiou, H., G. Papatheodorou** (2009). Radioactive impact of a bauxite beneficiation plant in the Itea Gulf (Gulf of Corinth, Greece). *Journal of Radioanalytical and Nuclear Chemistry*. vol. 279, no.3, 923-934.
52. **\* Chalari, A., G. Papatheodorou, M. Geraga, D. Christodoulou G. Ferentinos** (2009). A marine geophysical survey illustrates Alexandria's Hellenistic past. *Zeitschrift fur Geomorphologie*, vol. 53, no.1, pp. 191-212.
53. **\* Papaefthymiou, H., G. Papatheodorou, D. Christodoulou, M. Geraga, A. Moustakli, J. Kapolos.** (2010). Elemental concentrations in sediments of the Patras Harbour, Greece, using INAA, ICP-MS and AAS, *Microchemical Journal*, doi:10.1016/j.microc.2010.04.001.
54. **\*Ferentinos, G., G. Papatheodorou, M. Geraga, M. Iatrou, E. Fakiris, D. Christodoulou, E. Dimitriou, C. Koutsikopoulos.** (2010). Fjord water circulation patterns and dysoxic/anoxic conditions in a Mediterranean semi- enclosed embayment in the Amvrakikos Gulf, Greece. *Estuarine, Coastal and Shelf Science*, vol. 88, pp. 473-481.
55. **\*Sotiris Kiparissis, Elias Fakiris, George Papatheodorou, Maria Geraga, Michael Kornaros, Apostolos Kapareliotis and George Ferentinos** (2011). Illegal trawling and induced invasive algal spread as collaborative factors in a *Posidonia oceanica* meadow degradation. *Biological Invasions* DOI 10.1007/s10530-010-9858-9.
56. **\* Papaefthymiou, H., G. Papatheodorou** (2011) A comparison between INAA and ICP-MS for the determination of element concentrations in marine sediments. *J Radioanal Nucl Chem* DOI 10.1007/s10967-011-1143-6.
57. **Fakiris, E., D. Zoura, K. Katsanou, P. Kriempardi, N. Lambrakis, G. Papatheodorou** (2011) Using spectral analysis for missing values treatment in long-term, daily sampled rainfall time series. *Environmental Earth Sciences. Advances in the Research of Aquatic Environment* vol.1, pp. 111-120.
58. **\* Papatheodorou G., Avramidis P., Fakiris E., Christodoulou D. and N. Kontopoulos** (2012). Bed diversity in the shallow water environment of Pappas lagoon in Greece. *International Journal of Sedimentary Research*, vol. 27, no 1, pp. 1-17.
59. **\*George Ferentinos, Maria Gkioni, Maria Geraga, George Papatheodorou** (2012). Early seafaring activity in the southern Ionian Islands, Mediterranean Sea. *Journal of Archaeological Sciences*. v. 39, pp. 2167-2176.
60. **\* Fakiris E., G. Papatheodorou** (2012). Quantification of regions of interest in swath sonar backscatter images using grey-level and shape geometry descriptors - The TargAn software. *Marine Geophysical Research* 33 (2), pp. 169-183.
61. **\*Naeher S., Geraga M., Papatheodorou G., Ferentinos G., Kaberi H., Schubert C.J.** (2012). Environmental variations in a semi-enclosed embayment (Amvrakikos Gulf, Greece) – Reconstructions based on benthic foraminifera abundance and lipid biomarker pattern. *Biogeosciences* 9, 5081–5094. doi:10.5194/bg-9-5081-2012.
62. **\* G. Etiope, D. Christodoulou, S. Kordella, G. Marinaro, G. Papatheodorou** (2013) Offshore and onshore seepage of thermogenic gas at Katakolo Bay (Western Greece). *Chemical Geology, Chemical Geology* 339, 115–126. <http://dx.doi.org/10.1016/j.chemgeo.2012.08.011>.
63. **\* Stavroula Kordella, Maria Geraga, George Papatheodorou, Elias Fakiris and Ioanna Maria Mitropoulou** (2013). Litter composition and source contribution for 80 beaches in Greece,

Eastern Mediterranean: A nationwide voluntary clean-up campaign. *Aquatic Ecosystem Health & Management* 16(1), 111-118.

64. \* **H. Papaefthymiou, D. Athanasopoulos, G. Papatheodorou, M. Iatrou, M. Geraga, D. Christodoulou, S. Kordella, E. Fakiris, B. Tsikouras** (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, 43-54.
65. \* **Etiopie, 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, 161-174. doi: 10.1016/j.chemgeo.2013.04.003
66. **G. Ferentinos, V. Lykousis, G. Papatheodorou and M. Iatrou** (2013) Hellenic Shelf: Late Quaternary tectonics, Sea-level changes, sedimentation and Geo-hazards. In, Chivas, A.R & Chiocci, F.L.(Eds). *Continental shelves during the last glacio-eustatic cycle: Continental shelves of the world*. The Geological Society, London (in press).

#### **CHAPTERS IN BOOKS AND SPECIAL PUBLICATIONS**

67. **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)).
68. **Papatheodorou G., Christodoulou D., Geraga M., Etiopie G., Ferentinos G** (2007) "The pockmark field of the Gulf of Patras: An ideal natural laboratory for studying seabed fluid flow" In: ZELILIDIS, A., PAPANHEODOROU, 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.
69. **Papatheodorou G.** (2012) "Floating and benthic marine litter in the Mediterranean Sea: Typology, abundance, sources, survey methods and impacts on marine biota" Chapter 21 In: "*Life in the Mediterranean Sea: a Look at Habitat Changes*" (Ed) Noga Stambler. Nova Science Publishers, Inc. ISBN: 978-1-61209-644-5, pp. 557-593.

#### **REVIEWER**

- Reviewer in fourteen (14) Journals of Science Citation Index (Journal of Marine Systems, Marine Petroleum Geology, Water, Soil and Air Pollution, Tectonophysics, Journal of Environmental Management, Continental Shelf Research, Ground Water, Journal of Hydrology, Ecological Modelling, Environmental monitoring and assessment, Environmental Earth Sciences (*form*. Environmental Geology), Quaternary International, Global Planetary Changes, Journal of Coastal Research).

#### **"PEER-REVIEWED" FULL-LENGTH PAPERS IN CONFERENCE PROCEEDINGS (selected)**

1. **Voudouris K., Lambrakis N., Papatheodorou G. and Daskalaki P.** (1994): "Factor analysis for revealing hydrochemical parameters in plio-pleistocene aquifers of N.W. Achaia (N.W. Peloponnesus, Greece). Proceedings of the 7<sup>th</sup> International Congress of the Greek Geologic Society in 1994, p. 257-266.
2. **Papatheodorou G. and Alexandropoulou S.** (1996): "A comparative application of factor analysis in heavy metal concentrations: An example from Pagassitikos Gulf, Greece". Proceedings of International Congress for Pollution, Thessalonica, Greece pp. 180-187.
3. **Papatheodorou G. and Lamprakis N.** (1997): "Trend surface analysis of hydrochemical data. Case studies of plio-Pleistocene Aquifers from N.W. Peloponnesus and central Crete, Greece". Proceedings of Annual Conference of the International Association for Mathematical Geology (IAMG), Barcelona Spain, V. Pawlowsky-Glahn (eds), pp. 972-979.
4. **Hasiotis, T., Papatheodorou G. and Ferentinos, G.,** (1997). "Mass transport processes and slope stability analysis in the Zakynthos basin, Zakynthos straits". Proceedings of the 5<sup>th</sup> National Symposium on Oceanography and Fisheries 15th-18th April, Kavala, Greece (in Greek, with English abstract), pp. 407-410.

5. **Geraga, M., Tsaila-Monopolis, S., Tripsanas, E., Papatheodorou, G., Ferentinos, G., Hasiotis, T., Seymour, St. K. and Ioakim, H.,** (1997). "Paleoceanographic and paleoclimatic changes in the central Aegean sea (Myrtoon basin) during Holocene-Late Pleistocene. Preliminary results". Proceedings of the 5<sup>th</sup> National Symposium on Oceanography and Fisheries 15th-18th April, Kavala, Greece (in Greek, with English abstract), pp. 213-216.
6. **Hasiotis, T., Papatheodorou, G. and Ferentinos, G.,** (1997). "Geological and man-made hazards surveying for the laying of submarine cables in the Aegean and Ionian seas, Greece". Proc. International Symposium on Engineering Geology and the Environment, organised by the International Association of Engineering Geology ( I.A.E.G.), pp. 693-700, Balkema, Rotterdam.
7. **Stefatos, A., Haralambakis, M., Papatheodorou, G., Hasiotis, T. and Ferentinos G.** (1998)"Quantitative approach of basin infill processes using analog seismic records - Case study: The Killini-Zakynthos valley, Western Greece". Proceedings of the 8<sup>th</sup> International Congress of the Greek Geologic Society in 1998, p. 243-253 (in Greek with English abstract).
8. **Hasiotis, T., Papatheodorou, G., Ferentinos, G. and Geraga, M.** (1998) "Marine geophysical prospecting as a tool for cable burial assessment studies-Case studies (a) Lagonisi-Milos-Hania Telecom link and (b) Preveza-Corfu Telecom link". Proceedings of the 8<sup>th</sup> International Congress of the Greek Geologic Society in 1998, p. 205-215 (in Greek with English abstract) .
9. **Papatheodorou, G., Hasiotis, T., Tripsanas, E. and Ferentinos, G.** (1998) "Offshore geological hazards along the NW Corinth Gulf (Eratini/Tolofonas) caused by the 6.1R earthquake in 1995". Proceedings of the 8<sup>th</sup> International Congress of the Greek Geologic Society in 1998, p. 283-293 (in Greek with English abstract).
10. **Lymperis, E., Papatheodorou, G., Hasiotis, T. and Ferentinos, G.** (1998) "Submarine faults in the Corinth Gulf active graben. Four typical examples of morphological and sedimentation processes controlled by modern tectonics". Proceedings of the 8<sup>th</sup> International Congress of the Greek Geologic Society in 1998, p. 223-234 (in Greek with English abstract).
11. **Papatheodorou G., Stefatos A., Charalampakis M., Geraga M., Iatrou M., Kastanos N., Hasiotis T., and Ferentinos G.** (1999): «Rational management of submarine areas with historical-archaeological significance. Case study: Navarino Bay, Greece”. Proceedings of 5<sup>th</sup> Geographical Conference, Athens, pp. 632- 644.
12. **Papatheodorou G., Mourelatos P., Voutsinas K. & K. Xenos** (2000): “Gas-related features from the bottom of Etoliko lagoon, Western Greece-Preliminary results” Proceedings of 9<sup>th</sup> Conference of Ichthyology, 20-23 Jan. 2000, Mesolonghi, pp. 181-185.
13. **Papatheodorou G., Kougiourouki O., Georgiadis M., Stefatos A., & G. Ferentinos** (2000) “ The bottom trawl as a tool for reporting the man-made garbage pollution on the seabed. Case study: Gulf of Patras”. Proceedings of 9<sup>th</sup> Conference of Ichthyology, Mesolonghi, 20-23 Jan. 2000 pp. 61-65.
14. **Papatheodorou G., Hotos G., Geraga M., Avramidou D. & Th. Vorinakis** (2000) “Heavy metal concentrations in sediments of Klisova lagoon”. Proceedings of 9<sup>th</sup> Conference of Ichthyology, 20-23 Jan. 2000, Mesolonghi, pp. 177-181.
15. **Kougiourouki O., Papatheodorou G., Ferentinos G. and Nezi S.** (2000). “Litters on the coastline of the Gulf of Patras”. Proceedings of the 6<sup>th</sup> National Symposium on Oceanography and Fisheries, 23-26 May, Chios, pp. 106-113.
16. **Geraga M., Giannoulis A., Petrakis G., Tsaila-Monopoli St., Ioakim Ch., Ferentinos G. and Papatheodorou G.** (2000) “Paleoceanographic and paleoclimatic changes in Cretan Basin during Holocene-L.Pleistocene-Preliminary results” Proceedings of the 6<sup>th</sup> National Symposium on Oceanography and Fisheries, 23-26 May, Chios, pp. 237-242.
17. **Geraga M., Tsaila S., Papatheodorou G., Ferentinos G and Ioakim C.** (2001). "The use of R-mode factor analysis in the study of palaeoclimatic and palaeoceanography changes in SW Aegean Sea, Greece". Proceedings of Conference of International Association for Mathematical Geology (IAMG) Mexico, Cancun (in CD-ROM format).
18. **Papatheodorou G., Stefatos A., Christodoulou D. and Ferentinos G.** (2001). "Remote sensing in submarine archaeology and marine cultural resources management: An ancient shipwreck outside Zakynthos Port, Greece". 7<sup>th</sup> Conference on Environmental Science and Technology vol. C, pp. 377-385.
19. **Lambrakis N. and Papatheodorou G.S.** (2001). "Factor analysis and interpretation of the hydrochemistry of a coastal aquifer, Crete, Greece". Proceedings of 1<sup>st</sup> International Conference on Ecological Protection of Planet Earth June 5-8, 2001, Xanthi Greece, pp.59-67.

20. **Papatheodorou G., 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.
21. **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)". 2<sup>nd</sup> World Congress. Ancient Greece "The Modern World", Ancient Olympia (International Olympic Academy), 12-17 July 2002, pp 62-73.
22. **Ioakim, C., Tsaila-Monopolis, St., Geraga M., Papatheodorou, G., Ferentinos, G.** (2004): Dinoflagellate assemblages in Late Pleistocene-Holocene deep-water sediments of the Southern Aegean Sea (Greece): evidence of the evolution of palaeoclimate and palaeoceanography. In the Proceedings of the 5<sup>th</sup> International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April 2004, p. 1349-1352.
23. **Hasiotis T., Charalambakis M., Stefatos A., Papatheodorou G., Ferentinos G.** (2004) Subaqueous processes in Eratini fan delta, NW Gulf of Corinth, Greece. In the Proceedings of the 5<sup>th</sup> International Symposium on Eastern Mediterranean Geology, Thessaloniki, Greece, 14-20 April 2004, p. 1345-1348.
24. **Stefatos A., Charalambakis M., Papatheodorou G., Ghionis G., Ferentinos G.** (2005) Potential tsunami hazard from submarine land-slides in the Corinth Gulf, Greece. Proceedings of the 22th International Tsunami Symposium Chania, Crete Island, Greece 27-29 June 2005, G.A. Papadopoulos and K. Satake (eds) pp. 233-240.
25. **Iatrou M., Papatheodorou G., Piper D.J.W., Tripsanas E., and Ferentinos G.** (2007): A debate on the similarity of particle sizing results derived from the analysis of fine-grained sediments by two different instrumentations. Bulletin of the Geological Society of Greece vol. XXXX, part 1. Proceedings of the 11th International Congress, Athens, May, 2007, p. 64-75.
26. **Fakiris E., Papatheodorou G., Panagiotopoulos P.** (2007): An innovative data mining procedure, using CLEAN algorithm and factor analysis, for irregularly sampled temporal environmental data sets. Bulletin of the Geological Society of Greece vol. XXXX, part 4. Proceedings of the 11th International Congress, Athens, May, 2007, p. 1947-1958.
27. **Fakiris E., Chalari A., Papatheodorou G.** (2007): A convenient MATLAB graphical user interface for the analysis of analog sub-bottom profiles. In Proceedings of the 2nd International Conference & Exhibition on "Underwater Acoustic Measurements: Technologies & Results" Papadakis and Bjorno (eds), vol. I, p.p 239-246.
28. **Fakiris E., Papatheodorou G.** (2007): Calibration of textural analysis parameters towards valid classification of sidescan sonar imagery. In Proceedings of the 2nd International Conference & Exhibition on "Underwater Acoustic Measurements: Technologies & Results" Papadakis and Bjorno (eds), vol. III, p.p 1253-1264.
29. **Papatheodorou, G., H. Papaefthymiou, H. Florou, A. Koutsodendris, K. Moustakli** (2007): Natural radionuclides and <sup>137</sup>Cs in marine sediments from two Gulfs of Central Greece. 38<sup>th</sup> CIESM Proceedings, Instabul Turkey 9-13 April 2007, *Rapp. Comm. Int. Mer. Medit.*, 38, p. 300.
30. **George S. Papatheodorou, Helen Papaefthymiou and Nikolaos G. Vlachos** (2008) <sup>137</sup>Cs and natural radionuclides in the sediments of a shallow coastal lagoon, (Messolonghi Lagoon), W. Greece. Proceedings of International Conference on Radioecology and Environmental Radioactivity, 15-20 June Bergen Norway, pp. 278-281.
31. **H. Papaefthymiou, Th. Karagiannidi and G. Papatheodorou** (2008) Natural radionuclides impact assessment of a bauxite beneficiation plant. Proceedings of NRC7 - SEVENTH INTERNATIONAL CONFERENCE ON NUCLEAR AND RADIOCHEMISTRY Budapest, Hungary 24-29 August 2008, in CD-ROM format.
32. **Iatrou M., Papatheodorou G., Piper D. J.W., Ferentinos G.** (2009) Use of visible light spectra for the evaluation of the surface distribution of metaliferous-bauxitic red mud deposits in the Gulf of Corinth. In Proceedings of 9<sup>th</sup> Panhellenic Symposium of Oceanography and Fisheries, p. 211-216.
33. **Karapanagioti H.K., Siavalas G., Kalaitzidis S., Papatheodorou G., Christanis K.** (2009) Distribution of polycyclic aromatic hydrocarbons (PAH) in sediments with carbonaceous materials: the gulf of Aliveri. In Proceedings of 9<sup>th</sup> Panhellenic Symposium of Oceanography and Fisheries, p. 251-255.
34. **Fakiris, E., Papatheodorou G.,** (2009) Sonar Class: A MATLAB toolbox for the classification of side scan sonar imagery, using local textural and reverberational characteristics. In Proceedings of 3rd



- International Conference on Underwater acoustic measurements: Technologies & results (eds. Papadakis and Bjorno) Nafplion Greece, 21<sup>st</sup>-26<sup>th</sup> June 2009, vol. III, p. 1445-1450.
35. **Kordella, S., G. Papatheodorou, M. Geraga, E. Fakiris, A. Mitropoulou.** (2010) Beach litter composition and source identification for 80 beaches in Greece. 39<sup>th</sup> CIESM Proceedings, Venice, Italy 10-14 May 2010, *Rapp. Comm. Int. Mer. Medit* 39, p. 764.
  36. **Iatrou, M., G. Papatheodorou, M. Geraga, G. Ferentinos** (2010) Submarine bauxitic tailings disposal: A case study in Corinth Gulf, Central Greece. 39<sup>th</sup> CIESM Proceedings, Venice, Italy 10-14 May 2010, *Rapp. Comm. Int. Mer. Medit* 39, p. 260.
  37. **Thomopoulos, K., Geraga M., Fakiris E., Papatheodorou G., Ferentinos G.** (2010). Palaeoclimatic and palaeoceanographic evolution of the Mediterranean Sea over the last 18ka. Bulletin of the Geological Society of Greece, 2010 Proceedings of the 12<sup>th</sup> International Congress, Patras, May, 2010, XLIII, vol. 2, pp. 1064-1073.
  38. **Iatrou M., Papatheodorou G., Geraga M., Ferentinos G.** (2010). The study of heavy metal concentrations in the red mud deposits at the Gulf of Corinth, using multivariate techniques. Bulletin of the Geological Society of Greece, 2010 Proceedings of the 12<sup>th</sup> International Congress, Patras, May, 2010, XLIII, vol. 2, pp. 1018-1028.
  39. **Avramidis P., Fakiris E., Papatheodorou G., Kontopoulos N.** (2010) Sediment transport pathways and acoustic floor classification of a coastal lagoon: Case study the Pappas lagoon N.W. Peoloponnesus, Greece. In 27<sup>th</sup> IAS Meeting of Sedimentologists Alghero (Italy), September 20-23, 2009, *MEDIMOND International Proceedings Division*. ISBN 978-88-75-87-554-1, pp. 41-48.
  40. **Fakiris Elias and George Papatheodorou** (2010). TargAn: A Matlab toolbox for the parameterization of Side-Scan Sonar image targets, using regional gray-level statistics and shape descriptives. Proceedings of the 10<sup>th</sup> European Conference on Underwater Acoustics (ed. Tuncay Akal), Istanbul, Turkey July 5-9, 2010, vol. 3, pp. 1279-1287.
  41. **Fakiris Elias and George Papatheodorou** (2011). AUTOMATIC TARGET DETECTION IN SIDE-SCAN SONAR IMAGERY, USING FEATURE BASED ACOUSTIC CLASSIFICATION AND INDEPENDENT COMPONENT ANALYSIS. Proceedings of 4th International Conference and Exhibition on "Underwater Acoustic Measurements: Technologies & Results", pp. 261-269
  42. **Kordella S., Etiope G., Christodoulou D., Papatheodorou G., Marinaro G., Lo Bue N., Geraga M., Ferentinos G.** (2012). UNDERWATER GAS SEEPAGE DETECTION AND MONITORING IN KATAKOLO BAY (WESTERN GREECE) – PRELIMINARY RESULTS. In Proceedings of 10th Panhellenic Symposium of Oceanography and Fisheries, 7-11 May, Athens, in CD format.
  43. **Papatheodorou, G., Geraga, M., Chalari, A., Christodoulou, D., Iatrou, M., Fakiris, E., Kordella, S., Prevenios, M., Ferentinos, G.** (2012). Remote sensing for underwater archaeology: Case studies from Greece and Eastern Mediterranean Sea. Bulletin of the Geological Society of Greece vol. XLIV, 2011, pp. 100-115.
  44. **Papatheodorou, G., Chalari, A., Geraga, M., Christodoulou, D., Ferentinos, G.** (2013) Alexandria Emerging - Paleogeographical reconstruction of Ptolemaic Alexandria. International Conference "ALEXANDER, THE GREEK COSMOS-SYSTEM AND CONTEMPORARY GLOBAL SOCIETY", Thessaloniki 21-23 June 2013, Proceedings (e-book) pp. 216-236.
  45. **Papatheodorou G., Christodoulou D., Etiope G., Geraga M., Ferentinos G., Kordella S.** (2011) SEABED FLUID FLOWS IN IONIAN SEA AND WESTERN GREECE: INDICATORS OF PETROLEUM AND NATURAL GAS RESERVOIRS. In Book "Aegean and South-East Mediterranean Sea" (in press).

#### **ADDITIONAL EXPERIENCE (Professional expeditions – Field surveys)**

A great amount of practical field as well as laboratory experience has been obtained over marine geophysical/geotechnical projects carried out by the Lab. of Marine Geology & Physical Oceanography. The studies for these projects included interpretation of geophysical and geotechnical data and slope stability analysis and presentation of data (technical reports). Some of the most important activities in which I have been involved are outlined below:

**6-9/1988 and 6-9/1989:** Marine geological survey for the laying of submarine power cables between Peloponnesos and Crete (founded by the Public Power Corporation of Greece).

**6-7/1990:** Marine geological survey NW of Corfu island for the laying of submarine power cables between Greece and Italy (founded by the Public Power Corporation of Greece - E.N.E.L. - E.E.C.).

**8/1990:** Marine geological survey for the laying of submarine power cables between the islands of Andros and Tinos (founded by the Public Power Corporation of Greece).

**5-6/1991:** Marine geological survey between (i) Corfu-Igoumenitsa, (ii) Lefkada-Kefallinia, (iii) Kefallinia-Zakynthos and (iv) Rio-Antirio for the study of environmental impacts in submarine power cables (founded by the Public Power Corporation of Greece).

**9/1991:** Seafloor mapping in the Prinos oil field (North Aegean sea) (founded by North Aegean Petroleum Company).

**4/1992:** Marine geological survey for the laying of submarine power cables between Ahladi and Evia (founded by the Public Power Corporation of Greece).

**4/1992:** Marine geological survey for the laying of submarine power cables between Aktio and Preveza (founded by the Public Power Corporation of Greece).

**9/1992:** Marine geological/archaeological survey near the Dokos island (founded by the Institute of Submarine Archaeological Surveys).

**1-3/1993:** Oceanographic/geophysical survey for the laying of submarine power cables between (a) Evia-Andros and (b) Andros-Tinos (founded by the Public Power Corporation of Greece - ALCATEL - PIRELLI).

**3-4/1993:** Oceanographic/geophysical survey for the laying of submarine power cables between the islands (a) Tinos-Siros and (b) Tinos-Mikonos (founded by the Public Power Corporation of Greece - ALCATEL - PIRELLI).

**7-8/1993:** Oceanographic/geophysical/geotechnical survey for the laying of a submarine telecommunication cable between Igoumenitsa and Corfu island (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**8/1993:** Oceanographic/geophysical/geotechnical survey for the laying of a submarine telecommunication cable between Patras and Krioneri (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**8/1993:** Preliminary bathymetric and geological survey for the laying of the Patras sewage submarine outfall (founded by the Water and Sewage Authorities of Patras).

**9/1993:** Oceanographic survey in the SE Patras Gulf for the design and construction of the new Patras port (founded by TRITON Technical Company).

**10/1993:** Oceanographic/geophysical/geotechnical survey for the laying of a submarine telecommunication cable between Preveza-Paxi-Corfu island (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**11/1993:** Marine geophysical survey between Kos and Giali islands for the detection of submarine power cable damage (founded by the Public Power Corporation of Greece).

**1-2/1994:** Marine geological survey off Preveza and off the west coast of Corfu island for the laying of a submarine telecommunication cable (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**3/1994:** Marine geophysical/geotechnical survey between St. Triada and Revithousa island for the laying of gas pipelines (founded by the AKTI ENGINEERING).

**6-7/1994:** Marine geophysical/geotechnical survey between Killini and Zakynthos isl. for the laying of submarine power cables (founded by the Public Power Corporation of Greece).

**7-8/1994:** Marine environmental study of bauxite tailings in the central Gulf of Corinth, Greece; bathymetry-morphology-geology; surficial distribution; heavy metal concentration; transport processes (founded by Aluminium de Grece).

**1-3/1995:** Oceanographic/geophysical/geotechnical survey for the laying of a submarine fiber-optic telecommunication cable between Lagonisi (Athens) - Milos isl. - Hania (Crete isl.) (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**7/1996:** Marine geophysical/sedimentological surveys in the Alkyonides Gulf, East Corinth Gulf (founded by Leeds University).

**10/1996:** Marine geological survey for the laying of submarine power cables in the Skiathos straits (founded by the Public Power Corporation of Greece).

**4/1997:** Study of the surficial sediment geotechnical properties of the New Patras Port (Patras gulf) (founded by AKTI ENGINEERING).

**6/1997:** Marine geophysical survey along the coast of northwestern Corinth gulf (Eratini -Tolofonas) for the mapping on instability phenomena caused by the 6.1R earthquake in 1995 (founded by A.D.K Consultants Technical company).

**6-7-8/1997:** Oceanographic/geophysical/geotechnical survey for the laying and burial of a submarine fiber-optic telecommunication cable between Preveza and Lexaina-NW Peloponnesos (through the

islands of Lefkada - Kefallinia - Zakynthos) (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**8/1997:** Oceanographic/geophysical/geotechnical survey for the laying and burial of a submarine fiber-optic telecommunication cable between Arkitsa (central Greece) and Edipsos (NW Evia) (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**10/1997:** Marine geophysical survey for the laying of submarine power cables in the Rio- Antirio straits (founded by the Public Power Corporation of Greece).

**10/1997:** Marine geophysical survey between Panagopoula and Phoinikas river delta along the coast of NW Peloponnesos (founded by the Laboratory of Marine Geology & Physical Oceanography of Patras University).

**2-3-4-5/1998:** Oceanographic/geophysical/geotechnical survey for the laying and burial of a submarine fiber-optic telecommunication cable between Mykonos and Heraklion (Crete) (through the islands of Paros, Naxos, Ios and Santorini) (founded by the Greek Telecommunication Company - FULGOR - AKTI ENGINEERING).

**10/1998:** Geophysical survey for the laying of Patras sewage submarine outfall (founded by EDAFOMICHANIKI E.P.E).

**3-5/1999:** Italy-Greece HVAC Power interconnection. Greek continental shelf marine survey (founded by the Public Power Corporation of Greece).

**6/2000:** Zante-Kyllini (Peloponnesos) HVAC Power interconnection. Oceanographic /geophysical/geotechnical survey for the laying of a submarine power cable.

**2002:** «A marine geophysical survey for the detection of ancient wrecks and man-made structures in the site of Pharos of Alexandria, Egypt" (July 2002) Report submitted to CENTRES d'ETUDES ALEXANDRINES - CNRS (FRANCE).

**2003:** "Marine geophysical/geotechnical survey for the laying of submarine power cables between Kerkyra island and Aetos area (Greek mainland)" Technical Report for Public Power Corporation.

**2004:** ASSEM project (Array of Sensors for long-term Seabed Monitoring of geohazards) (contract no. EVK3-2001-00038) (2004).

**2005-2008:** Marine geophysical, geochemical survey and monitoring of the Patras Gulf pockmark field. Ministry of National Education and Religious Affairs of Greece (Project Pythagoras II)

**2008:** Marine geophysical survey at the South Evoikos Gulf. GuD Geotechnik und Dynamik GmbH.

**2008:** Habitat mapping in Zante Island (Gulf of Lagana). Interreg III A, Greece-Italy, Governance of Water, G.O.W)

**2009-2012:** HYPOX project, FP7 EU funding. (EC Grant 226126, ENV.2008.4.1.2.1, FP7).