

CURRICULUM VITAE

THOMAS HASIOTIS
ASSISTANT PROFESSOR

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Education

1990: **B.Sc. in Geology**. University of Patras, Department of Geology.

2001: **Ph.D. in Marine Geology/Geophysics**. University of Patras, Department of Geology.

Ph.D. Dissertation Title: Geophysical prospecting and geotechnical conditions of submarine slopes in seismically active regions in Greece (with English abstract).

2003-2004: **Post-doctoral in Marine Geophysics/Geotechniques**. University of Patras, Department of Geology.

Dissertation Title: Marine geophysical prospecting in the evaluation of sediment geotechnical parameters. Application in submarine power and telecommunication cable laying and burial.

Professional positions

2010 – today: Assistant Professor (marine sedimentology) in the Department of Marine Sciences of the University of the Aegean, Mytilene, Lesvos

2006 – 2010: Lecturer (marine sedimentology) in the Department of Marine Sciences of the University of the Aegean, Mytilene, Lesvos

2007 – today: Scientific co-ordinator in 15 research projects managed by the Research Unit of the University of the Aegean

2002 – 2006: Geophysicist/Geologist in the Hellenic Ministry of Agriculture, Department of Technical Geology and Geophysics.

2002 – 2006: Teaching Assistant in Oceanography in the Dept. of Aquaculture and Fishing Technology of the Technological Educational Institute of Thessaloniki.

2002 - 2005: Teaching Assistant in Technical Geology in the Dept. of Civil Engineering of the Technological Educational Institute of Patras.

1990 - 2002: Research and Teaching Assistant in the Laboratory of Marine Geology & Physical Oceanography of the Geology Dept. of the University of Patras (contracts through the Research Committee of the University of Patras).

1993 - 2006: Consultant marine geophysicist/geologist in Akti Engineering for various power and telecom cable links, pipeline route surveys and harbor survey works.

2000: Consultant marine geophysicist/geologist of the GEOLAB S.r.l. (Italy) for the Italy-Greece submarine fiber optic link (laying and burial).

7/1998 - 10/1998: Contract with the SACLANT Undersea Research Centre (N.A.T.O.), in La Spezia (Italy), as a Summer Research Assistants in the Environmental Research Division - Fine Scale Acoustics & Oceanography Group.

Research interests

- Recent sedimentation processes in coastal to deep water environments
- Seismic stratigraphy
- Marine geotechnical properties and submarine slope stability
- Gases in the sediments and related bedforms
- Submarine mass movements and their consequences in the coastal and marine environments
- Marine geo-hazard and man-made hazards and their consequences in the coastal and offshore environments (in submarine power and telecommunication cables, pipelines, ports etc)
- Sea level changes during the Quaternary
- Marine geo-archaeological studies
- Relationship between marine geology and benthic ecology

Teaching

Undergraduate courses

- Geology (1st semester)
- Marine Sedimentology (4th semester)
- Applied Marine Geology (7th semester)
- Coastal and Submarine Applications (8th semester)

Post-graduate courses: MsC Programme "Management of Coastal Zones" of the University of the Aegean

- Biogeochemical Processes in the coastal environment

Publications

Peer-reviewed journals and book chapters

1. Papatheodorou, G., **Hasiotis, T.** and Ferentinis, G., (1993). Gas charged sediments in the Aegean and Ionian Seas, Greece. *Marine Geology*, vol. 112, pp. 171-184.
2. **Hasiotis, T.**, Papatheodorou, G., Kastanos, N., and Ferentinis G., (1996). A pockmark field in the Patras Gulf (Greece) and its activation during the 14/7/93 seismic event. *Marine Geology*, vol. 130, pp. 333-344.
3. Lyons, A.P., Fox, W.L.J., **Hasiotis, T.** and Pouliquen, E. (2002): Characterization of the two-dimensional roughness of wave-rippled seafloors using digital photogrammetry. *I.E.E.E. Journal of Oceanic Engineering*, vol. 27(3), pp. 515-524.

4. **Hasiotis, T.**, Papatheodorou, G., Bouckovalas, G., Corbau, C. and Ferentinos, G. (2002): Earthquake-induced coastal sediment instabilities in the western Gulf of Corinth, Greece. *Marine Geology*, vol. 186, pp. 319-335.
5. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos, G. (2002): A string of large and deep gas-induced depressions (pockmarks), offshore Killini peninsula, western Greece. *Geo-Marine Letters*, vol. 22(3), pp. 142-149.
6. **Hasiotis, T.**, Papatheodorou G. and Ferentinos, G. (2005): A high resolution approach in the recent sedimentation processes at the head of Zakynthos canyon, western Greece. *Marine Geology*, vol. 214, pp. 49-73.
7. **Hasiotis, T.**, Charalampakis, M., Stefatos, A., Papatheodorou G. and Ferentinos, G. (2006): Fan delta development and processes offshore a seasonal river in a seismically active region, in the NW Gulf of Corinth. *Geo-marine Letters*, vol 26(4), pp. 199-211.
8. Charalampakis, M., Stefatos, A., **Hasiotis, T.** and Ferentinos, G., (2007): Submarine mass movements on an active fault system in the central Gulf of Corinth. In: *Submarine Mass Movements and Their Consequences* (eds. V. Lykousis, D. Sakellariou, J. Locat) – *Advances in Natural and Technological Hazard Research Series*, Springer, vol. 27, pp. 67-75.
9. **Hasiotis, T.**, Papatheodorou, G., Charalampakis, M., Stefatos, A. and Ferentinos, G., (2007): High frequency sediment failures in a submarine volcanic environment: The Santorini (Thera) basin in the Aegean Sea. In: *Submarine Mass Movements and Their Consequences* (eds. V. Lykousis, D. Sakellariou, J. Locat) – *Advances in Natural and Technological Hazard Research Series*, Springer, vol. 27, pp. 309-316.
10. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos, G., (2007): Sediment stability conditions west of Milos island, west Hellenic Volcanic Arc. In: *Submarine Mass Movements and Their Consequences* (eds. V. Lykousis, D. Sakellariou, J. Locat) – *Advances in Natural and Technological Hazard Research Series*, Springer, vol. 27, pp. 317-324.
11. Ferentinou, M., **Hasiotis, T.** and Sakellariou, M., (2010): Clustering of geotechnical properties of marine sediments through self-organizing maps: an example from the Zakynthos Canyon-Valley system, Greece. In: *Submarine Mass Movements and Their Consequences* (eds. Mosher, D.C., Shipp, R.C., Moscardelli, L., Chaytor, J.D., Baxter, C.D.P., Lee, H.J., Urgeles, R.) – *Advances in Natural and Technological Hazard Research Book Series*, Springer, v.28, DOI 10.1007/978-90-481-3071-9, Springer, The Netherlands, pp. 43-54.
12. Ferentinou, M., **Hasiotis, T.** and Sakellariou, M., (2012): Application of computational intelligence tools for the analysis of marine geotechnical properties in the head of Zakynthos Canyon, Greece. *Computers & Geosciences*, v. 40, pp. 166-174.

International and Greek journals

1. Kenyon, N., Droz, L., Ferentinos, G., Palanques, A., Cronin, B., **Hasiotis, T.**, Millington, J., and Valensuela, G., (1993). Geological and geophysical investigations of Western Mediterranean deep sea fans: III. 2. Side scan sonar facies. *Unesco Reports in Marine Sciences*, vol. 62, pp. 32-51.
2. Kenyon, N., Droz, L., Limonov, A., Ferentinos, G., Palanques, A., Ivanov, M., Cronin, B., **Hasiotis, T.** and Millington, J., (1993). Geological and geophysical investigations of Western Mediterranean deep sea fans: III. 3. Preliminary interpretation. *Unesco Reports in Marine Sciences*, vol. 62, pp. 91-99.
3. Christodoulou, D., **Hasiotis, T.**, Stefatos, A., Papatheodorou, G. & Ferentinos, G. (2001). The applications of marine geophysics in the study of the geological/geotechnical conditions of the seafloor for the construction of harbours. *Technika Erga*, vol. 18, issue 174, pp.18-23 (in Greek).
4. Christodoulou, D., **Hasiotis, T.**, Stefatos, A., Papatheodorou, G., Ferentinos, G., Tsavlis, E., Palaiokrasas, A. & Aslanidis N. (2002). The contribution of subbottom profiling

techniques in the studies of widening and deepening navigational channels. *Technika, issue 192, pp. 48-59 (in Greek).*

Publications in International and Greek Conference Proceedings

1. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos, G., (1994). A pockmark field in the SE Patras Gulf and its activation during the 14/7/1993 earthquake. Proceedings of the 7th Geological Society of Greece Congress, v. XXX/5, pp. 251-262.
2. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos, G., (1997). Mass transport processes and slope stability analysis in the Zakynthos basin, Zakynthos Straits. Proceedings of the 5th Symposium on Oceanography and fisheries, v.1 pp. 407-410.
3. Geraga, M., Tsaila-Monopolis, S., Tripsanas, E., Papatheodorou, G., Ferentinos, G., **Hasiotis, T.**, Seymour, K. & Ioakim, H., (1997). Paleooceanographic and paleoclimatic changes in Central Aegean Sea (Myrtoon Basin) during Holocene-Late Pleistocene. Preliminary results. Proceedings of the 5th Symposium on Oceanography and fisheries, v.1 pp. 213-216.
4. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos, G., (1997). Geological and man-made hazards surveying for laying of submarine cables in the Aegean and Ionian seas, Greece. In Marinou, P., Koukis, G., Tsiambaos, G and Stournaras G. (eds): Proc. International Symposium on Engineering Geology and the Environment, organised by the International Association of Engineering Geology (I.A.E.G.), June 23-27, Athens, Greece pp. 693-700.
5. Papatheodorou, G., **Hasiotis, T.**, Geraga, M., Lyberis, E., and Ferentinos, G., (1997). Marine geophysical techniques for submarine archaeological purposes: two case studies from Nicoleika Beach (Helice) and Pylos Bay. In "Archaeometry Issues in Greek Prehistory and Antiquity", (eds) Y. Bassiakos, E. Aloupi, Y. Facorellis. Hellenic Society of Archaeometry and Society of Messenian Archaeological Studies Edition, Athens 2001, (based on the Proceedings of the 3rd Symposium of Archaeometry), pp. 139-156.
6. Stefatos, A., Charalampakis, M., Papatheodorou, G., Ferentinos, G. & **Hasiotis, T.** (1998): Litter on the bottom of the Greek Seas – dimension and mitigation of the problem. Proceedings of the Conference «Archipelagos Technologies», ISSN 11083751, Pireaus 22-24 October 1997, pp.355-362.
7. Charalampakis, M., Stefatos, A., Papatheodorou, G., Ferentinos, G., Geraga, M. and **Hasiotis, T.** (1998): Detection and study of modern and historical shipwrecks – example from the Greek seas. Proceedings of the Conference «Archipelagos Technologies», ISSN 11083751, Pireaus 22-24 October 1997, pp.173-189.
8. Stefatos, A., Charalampakis, M., Papatheodorou, G., **Hasiotis, T.** & Ferentinos, G. (1998): A quantitative approach to basin infill processes deduced from analogue seismic data – An example from the Zakynthos basin, W. Greece. Proceedings of the 8th International Congress of the Geological Society of Greece, Patra, May 1998, vol. XXXII/4, pp. 243-253.
9. **Hasiotis, T.**, Papatheodorou, G., Ferentinos, G. & 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 8th International Congress of the Geological Society of Greece, Patra, May 1998, vol. XXXII/2, pp. 205-215.
10. Papatheodorou, G., **Hasiotis, T.**, Tripsanas, E., & Ferentinos, G., (1998). Submarine gravitative mass movements along the Eratini/Tolofonas beach (NW Corinth Gulf) caused by the 6.1R earthquake in 1995. Proceedings of the 8th International Congress of the Geological Society of Greece, Patra, May 1998, vol. XXXII/4, pp. 283-293.
11. Lyberis, E., Papatheodorou, G., **Hasiotis, T.**, & Ferentinos, G., (1998). Submarine faults within the active tectonic graben of the Gulf of Corinth. Four typical examples of modern tectonic control on morphology and sedimentation processes under the sea-level. Proceedings of the 8th International Congress of the Geological Society of Greece, Patra, May 1998, vol. XXXII/2, pp. 223-234.

12. Papatheodorou, G., Stefatos, A., Charalampakis, M., Geraga, M., Iatrou, M., Kastanos, N., **Hasiotis, T.** & Ferentinos, G. (1999): Rational Management of Submarine Archaeological Areas – Navarino Bay (Pylos), An Object Lesson. Proceeding of the 5th Hellenic National Geographical Conference, Athens, pp. 632-644.
13. Christodoulou, D., Stefatos, A., **Hasiotis, T.**, Papatheodorou, G. & Ferentinos, G. (2001): The applications of marine geophysics in the study of the seafloor geological/geotechnical conditions, for the construction of harbours. Proceedings of the 4th Hellenic Conference of Geotechnical and Geoenvironmental Mechanics, Vol. 1, pp. 243-250.
14. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos, G. (2001). Surficial mass movements and submarine slope stability analysis between Kerkyra and Paxi slope (western Greek slope). Proceedings of the 9th International Congress of the Geological Society of Greece, Athens 2001, v. 2, pp. 663-670.
15. **Hasiotis, T.**, (2004). New evidence for the recent sedimentation processes at the head of Zakynthos canyon, western Greece. 5th International Symposium on Eastern Mediterranean Geology, 15-18 April, Thessaloniki, Greece, pp. 1341-1344.
16. **Hasiotis, T.**, Charalampakis, M., Stefatos, A., Papatheodorou, G & Ferentinos, G., (2004). Subaqueous processes in the Eratini fan delta, NW Gulf of Corinth, Greece. 5th International Symposium on Eastern Mediterranean Geology, 15-18 April, Thessaloniki, Greece, pp. 1345-1348.
17. Charalampakis, M., **Hasiotis, T.** and Stefatos, A., (2008). "Geo-hazards in coastal areas. Case study: the Xylocastro area in the Gulf of Corinth and the consequences due to a local tsunami impact". 4th Greek Congress in Coastal Zone Management and Improvement, Mytilene 23-27 September, pp. 405-414.
18. Karambas, Th., Krestenitis, I., Sakellariou, D., **Hasiotis, T.** and Maliaros, D., (2008). "Prevention and management of sea originated risks to the coastal zone (CORI-INTERREG III B / ARCHIMED): Tsunamis and flood risk". 4th Greek Congress in Coastal Zone Management and Improvement, Mytilene 23-27 September, pp. 597-606.
19. Paleokrassas, A., Tsavlis, E., Christoforou, G. & **Hasiotis, T.**, (2008). "Multi-beam echosounder: the modern survey tool for mapping the coastal areas and marine installations". 4th Greek Congress in Coastal Zone Management and Improvement, Mytilene 23-27 September, pp. 647-658.
20. Martsouka, F., **Hasiotis, T.**, Maneas, G. & Kostopoulou, M., (2009). "Sediment distribution and sedimentary processes in the coastal zone of SE Lesvos island". Proceedings of the 9th Symposium on Oceanography and Fisheries, Patras 13-16 May, v. 1, pp. 202-207.
21. Tsiridis, L., **Hasiotis, T.**, Triantaphyllou, M. & Kostopoulou, M., (2009). "Preliminary results of benthic foraminifera distribution in the coastal zone of SE Lesvos, NE Aegean Sea". Proceedings of the 9th Symposium on Oceanography and Fisheries, Patras 13-16 May, v. 1, pp. 590-595.
22. Papakosta, F., **Hasiotis, T.** and Palaiokrassa, A. (2012): Biogenic formations in the Sikinos – Folegandros area. Proceedings of the 10th Symposium on Oceanography and Fisheries, May 7-11, Athens pp. 41.
23. Tsiridis, L. and **Hasiotis, T.** (2012): Examination of the use of benthic foraminifera as indicators of environmental pressure in aquacultures in the coastal zone of SE Lesvos. Proceedings of the 10th Symposium on Oceanography and Fisheries, May 7-11, Athens pp. 199.
24. Tsintsinis, M., **Hasiotis, T.** and Michelakaki, M. (2012): Evaluation of Geomorphological conditions and wind regime for the development and planning of an offshore wind farm off Alexandroupolis, Greece. Proceedings of the 10th Symposium on Oceanography and Fisheries, May 7-11, Athens pp. 210.
25. Karambas, T. & **Hasiotis, T.** (2012). A study of tsunamis generated by underwater landslides in the Aegean Sea. Proceedings of the 22nd International Offshore and Polar

- Engineering Conference, June 17-22, Rhodes, Greece, pp. 229-235.
26. M. Stamatakis, S. Poulos, A. Tsoutsia, N. Papavlassopoulou, A. Karditsa and M. Anastasatou, A. Velegrakis, **T. Hasiotis**, V. Kapsimalis and G. Roussakis, (2013). Marine Aggregates deposits – MARE project. 6th International Conference on Sustainable Development in the Minerals Industry. 30 June – 3 July, Milos island, Greece (accepted for publication).
 27. Velegrakis, A., Monioudi, I., Poulos, S., Lekkas, D., Hatzopoulos, J., **Hasiotis, T.**, Karambas, Th., Kontogianni, A., Vousdoukas, M., Andreadis, O., Rigos, A., Tsekouras, G., Psarros, F., Ghionis, G., Karditsa, A., Chatzipavlis, A., Anastasiadis, S., Kokkoris, G., Petrakis, S., Tsimplis, M., Peduzzi, P. and Collins, M., (2013). Physical and economic impacts of sea level changes on the island beaches of the Aegean Archipelago (ISLA): concepts and preliminary results. 13th International Conference on Environmental Science and Technology (CEST2013), 5-7 September 2013, Athens, paper ID: CEST13_0819.
 28. **Thomas Hasiotis**, Alexios Ramfos, Evaggelia Manoutsoglou, Efthimios Spinou, Olympos Andreadis, Athanasios Evagelopoulos, Aggeliki Kakoliri, Drosos Koutsoumbas, (2013). Utilization of hydroacoustic technology for mapping coastal habitat types: case study at the SW part of Laganas Gulf, Zakynthos. 15th Hellenic Congress of Ichthyologists, Thessaloniki 10th-13th of October, pp. 327-330.

Abstracts in International and Greek Conferences

1. Papatheodorou, G., **Hasiotis, T.** and Ferentinos, G., (1992). Gas charged sediments in the Aegean and Ionian Seas, Greece. 33rd Congress-Plenary Assembly of C.I.E.S.M., Trieste, Italy, 12-17/10/92.
2. Papatheodorou, G., **Hasiotis, T.**, Geraga, M., Lyberis, E. And Ferentinos G., (1996). Submarine active faults in the Western Corinth Gulf and submarine slides activated by the Aegion earthquake. International Meeting on the Results of the May 13, 1995 western Macedonia Earthquake, May 25-28, Kozani, Greece.
3. Papatheodorou, G., **Hasiotis, T.** and Ferentinos, G., (1997). Gases in the sediments of Amvrakikos Gulf and their effect in biologic productivity. 2nd Congress for the protection and development of the Amvrakikos Gulf, Arta 11-13 June.
4. Papatheodorou, G., **Hasiotis, T.** Geraga, M., Lyberis, E. & Ferentinos, G., (1997). Marine geophysical prospecting in underwater archaeology. Case studies in Nikoleika (Helice) and Pylos embayments. Proceedings of the 3rd Symposium of Archaeometry, Athens 6-9 November 1996, pp. 11-12.
5. Ferentinos, G., Papatheodorou, G. and **Hasiotis, T.**, (1997). Submarine gravitative mass movements in the Hellenic Arc: A natural laboratory for the enhancement of present day knowledge on mass movements. Proceedings of the 5th Meeting on Environmental Geology, organized by IAS-SEPM, Venice, Italy, pp. 58-59.
6. Papatheodorou, G., **Hasiotis, T.** and Ferentinos, G., (1998). Submarine and coastal sediment failure triggered by the 1995, Ms=6.1R, Aegion earthquake, Gulf of Corinth, Greece. Seventh (7th) International Symposium in Natural and Man-made Hazards, May 17-22 1998, Chania, Crete Is., Greece, p. 114.
7. Ferentinos, G., Papatheodorou, G. and **Hasiotis, T.** (1998). The contribution of geophysical surveying in the study of coastal changes: Examples from Greece. Proceedings of the Meeting on Rapid Coastal Changes in the Late Quaternary, Samos, Greece, 10-19/9/1998, p. 24.
8. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos, G., (1999). Patras and Corinth Gulfs, western Greece - A natural laboratory for the study of seismic induced submarine hazards. 10th meeting of the European Union of Geosciences (EUG 10), 28th March - 1st April, Strasbourg, France, Journal of Conference Abstracts, vol. 4, no. 1, p. 543.
9. **Hasiotis, T.**, Corbau, C., Papatheodorou, G. and Ferentinos, G., Koukis, G., Sabatakakis N.

- and Bouckovalas, G. (2000). Beach stability in the gulf of Corinth and its implication on the subsidence of Ancient Helike. Third International Conference on Ancient Helike and Aigialeia: Archaeological Sites in Geologically Active Region, October 6-9, 2000, Nikolaiika, Achaia, Greece, pp. 17-18.
10. Papatheodorou G., Stefatos A., Geraga M., Ferentinos G., Paleokrasas A., Chalari A., Christodoulou D. **Hasiotis T.**, Voyiantzakis I., Corbaux, C. (2001). A marine geophysical survey for the detection of ancient wrecks and man-made structures in the coastal zone of Alexandria, Egypt (side scan sonar survey-Preliminary results). Proceedings of ARCEOMETRIE 2001, 24-28 April, La Rochelle (France), pp. 112.
 11. Papatheodorou, G., Christodoulou, D., **Hasiotis T.** and Ferentinos G., (2002). Gas charged sediments and associated seabed morphological features in the Aegean and Ionian seas, Greece. VII International Conference on gas in marine sediments and natural marine hydrocarbon seepage in the world oceans with application to the Caspian Sea. Sponsored by NATO and the Shallow Gas Group. Abstract book, October 7-12, Baku, Azerbaijan, pp. 156-158.
 12. Papatheodorou G., Geraga M., Kastanos N., Gionis G., **Hasiotis T.**, Halari A. & Ferentinos G. (2003). The study of coastal palaeogeography of Dokos Island, Greece using remote sensing techniques. 4th Symposium on Archaeometry of the Hellenic Society of Archaeometry, Athens, May 28-31 2003.
 13. **Hasiotis, T.**, Stefatos, A., Charalampakis, M. and Ferentinos, G., (2004). Application of underwater acoustic-mapping techniques in decision making during offshore site surveys. "Acoustics 2004" Congress, 27-28 September, Thessaloniki.
 14. Charalampakis, M., Stefatos, A., **Hasiotis, T.** and Ferentinos, G., (2005). Morphology, structure and evolution of the Xylocastro basin bounding fault margin, Central Gulf of Corinth. International Symposium on the Geodynamics of Eastern Mediterranean: Active tectonics of the Aegean Region, 15-18 June, Kadir Has University, Instabul, Turkey, pp. 209.
 15. Ferentinou, M. and **Hasiotis, T.**, (2007). Marine sediments geotechnical characteristics rating using Kohonen self-organizing maps: Case study in Zakynthos canyon, Western Greece. 25th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Patras 4-7th September, p. 76.
 16. **Hasiotis, T.**, Papatheodorou, G. and Ferentinos G., (2007). Liquefaction-induced coastal failures in the western Gulf of Corinth. 25th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Patras 4-7th September, p. 88.
 17. **Hasiotis, T.**, (2007). The 1965 Eratini (NW Gulf of Corinth) coastal slide-induced tsunami. 25th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Patras 4-7th September, p. 89.
 18. **Hasiotis, T.** and Velegrakis A., (2007). Preliminary results of biogenic mounds morphology in the Kalloni Gulf, Lesvos island. 25th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Patras 4-7th September, p. 90.
 19. Kostopoulou M., Argyrou, M., Karydis M., Kitsiou, D., Koutsoubas, D., Tsirtsis, G. and **Hasiotis, T.**, (2008). Human activities on the quality of the coastal environment and assessment of environmental quality indicators in the framework of the coastal zone management, according to the directive 2000/60. 3rd International Conference Water Science and Technology with emphasis on water and climate (AQUA 2008), 16 – 19 October 2008, Athens, Greece.
 20. Martsouka, F. and **Hasiotis T.**, (2009). Anthropogenic influence on the coastal sedimentation processes in SE Lesvos island, Greece. 27th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Alghero (Italy), September, p. 266.
 21. Tsiridis, L. and **Hasiotis T.**, (2009). Benthic foraminifera in the coastal zone of SE Lesvos, NE Aegean Sea. 27th IAS (International Association of Sedimentologists) Meeting of

- Sedimentology, Alghero (Italy), September, p. 706.
22. **Hasiotis, T.**, (2010): Morphology and sedimentation processes in the Rio-Antirrio Strait, Central Greece. 18th International Sedimentological Congress, 26 September - 1 October 2010, Mendoza, Argentina, p. 420.
 23. **Hasiotis, T.**, Andrinopoulos, A. & Velegrakis, A., (2010): Acoustic anomalies and related morphological features in the Kalloni Gulf, Lesvos, Greece. 18th International Sedimentological Congress, 26 September - 1 October 2010, Mendoza, Argentina, p. 421.
 24. **Hasiotis, T.** and Charalampakis M., (2010): Geomorphological Evidence of Bottom-Water Dynamics In The Kafireas Strait, Cyclades, Greece. Seventh International Symposium On The Eastern Mediterranean Geology, 18 – 22 October 2010 in Adana, Turkey, p. 77.
 25. Tsintsinis, M., **Hasiotis, T.** & Gkarakis, K., (2011): Evaluation of environmental conditions for the development of an offshore wind farm off Alexandroupolis, Greece. European Wind Energy Association (EWEA) OFFSHORE 2011 Conference, Amsterdam (29 Nov. – 1 Dec).
 26. F. Papakosta, **T. Hasiotis**, A. Paleokrassas, (2012): Post glacial hummocky biogenic (coralline algae) formations in South Cyclades, Greece. 5th International Symposium on Deep-Sea Corals, Amsterdam, The Netherlands, 1-6 April, p. 206.
 27. F. Psarros, I. Monioudi, E. Manoutsoglou, O. Andreadis, P. Tziourrou, **T. Hasiotis**, A. Velegrakis, C. Dimitriadis, L. Sourbes and D. Koutsoubas, (2013). Predicting the response of a sea-turtle nesting beach in sea-level rise, Gerakas, Zakynthos isl., Greece. 40th CIESM Congress, Marseill-France, 28 Oct. to 1 Nov. Accepted for publication in the Congress Proceedings, paper ID: C5LR-380.
 28. V. Kapsimalis, G. Rousakis , G. Hatiris , S. Kalogirou , **T. Hasiotis**, A. Karditsa , S. Petrakis, S. E Poulos and M. Stamatakis, (2013). Searching for marine aggregates deposits in the Afantou Bay (Rhodes island, Greece). 40th CIESM Congress, Marseill-France, 28 Oct. to 1 Nov. Accepted for publication in the Congress Proceedings, paper ID: 7473-131549
 29. E. Manoutsoglou, **T. Hasiotis** and A. Velegrakis, (2013). Acoustic detection of benthic assemblages in a land-locked shallow marine environment: Gulf of Gera, Lesvos, Greece. 40th CIESM Congress, Marseill-France, 28 Oct. to 1 Nov. Accepted for publication in the Congress Proceedings, paper ID: 6919-127374
 30. T. Kyrtzoglou, A. Kontogianni, **T. Hasiotis**, A. Velegrakis, I. Monioudi and M. Skourtos, (2013). An integrated vulnerability index for small ports under a climate change threat. 40th CIESM Congress, Marseill-France, 28 Oct. to 1 Nov. Accepted for publication in the Congress Proceedings, paper ID: 7722-131415
 31. **T. Hasiotis**, I. Monioudi, R. Rafailidis & A. Velegrakis, (2013). Beach carrying capacity under sea-level rise. Global Congress on Integrated Coastal Management (EMECS 10 – MEDCOAST 2013 Joint Conference) Marmaris, Turkey, 30 Oct. – 3 Nov. (accepted for publication).

Research Projects

Scientific leader

- **2007:** Marine geophysical/geotechnical study for the laying of a submarine gas pipeline between Aliveri-Attica (Akti Engineering).
- **2008:** Marine geohazards evaluation for the laying of fiber optic cables between Rio-Antirrio (Akti Engineering).
- **2008:** Geo-archaeological analysis of marine geophysical data for the construction of the submarine subway in Thermaikos Gulf (Akti Engineering).
- **2008:** Marine geohazards evaluation and burial feasibility of fiber optic cables between Evia-Andros-Tinos-Mykonos (Akti Engineering).

- **2010:** Seismic data and sediment core analysis for the installation and burial of a submarine fiber optic cable between Alexandroupoli and Samothraki (Akti Engineering).
- **2010:** Geohazards assessment and burial feasibility of submarine fiber optic cables in the north Cyclades, between Attiki and Kea Isl. and south Cyclades, between the islands Ios-Sikinos and Folegandros (Akti Engineering).
- **2010:** Protection of Lesvos beaches due to sea level rise (co-leader with Th. Karambas) (Prefecture of Lesvos).
- **2010:** Protection of kamiros beaches in Rodos isl –proposals against beach erosion (co-leader with Th. Karambas) (Municipality of Kamiros, Rodos isl).
- **2011:** Planning of the submarine power cable link between Skyros-Evia-Larymna (Akti Engineering).
- **2011:** Geomorphological and geotechnical study between Limnos-Samothraki and Kefallonia-Ithaki for the laying and burial of submarine fiber optic cables (Akti Engineering).
- **2011:** Marine geophysical/geotechnical study for the laying of submarine high voltage power cables between Attica and Evia (Akti Engineering).
- **2011:** Study of marine habitat types in the coastal area of Keri port (Zakynthos) (Region of Ionian Islands-Zakynthos Branch).
- **2012:** Geo-hazards evaluation for the laying of a submarine gas pipeline between Attica and Aliveri (Evia) (Akti Engineering).
- **2012:** Evaluation of climate change impacts on the sea-turtle nesting beaches of the National Marine Park of Zakynthos protected area (Management Agency of the National Marine Park of Zakynthos).
- **2012:** Marine geohazards assessment and burial feasibility of submarine power cables between Rafina (Attica) and Karystos (Evia) (Akti Engineering).

Participant

- **1988-1989:** Peloponnesos and Crete submarine power interconnection (marine survey - 2nd phase) (Public Power Corporation of Greece).
- **1990:** Italy – Greece submarine power interconnection (marine survey - 2nd phase) (Public Power Corporation of Greece and ENEL-Italy).
- **1990:** Andros isl. – Tinos isl. submarine power interconnection (marine survey - 2nd phase) (Public Power Corporation of Greece).
- **1991:** Environmental study (inspection) along submarine power cables between Kerkyra-Igoumenitsa, Lefkada-Kefallinia, Kefallinia-Zakynthos and Rio-Antirio (Public Power Corporation of Greece).
- **1991:** Thassos Platform and Keramoti, (N. Aegean sea) pipeline and cable link (Akti Engineering).
- **1992:** Ahladi-Aidipsos submarine power interconnection (Public Power Corporation of Greece).
- **1992:** Actio-Preveza Straits submarine power interconnection (Public Power Corporation of Greece).
- **1992:** Tinos isl. - Syros isl. and Tinos isl. – Mykonos isl. (Aegean Sea) submarine power interconnection (Public Power Corporation of Greece).
- **1992:** Marine geological surveyes for the ancient wreck at Dokos isl. (cooperation with IENAE).
- **1993:** 150kV Submarine Power Link: Evia-Andros and Andros isl. – Tinos isl. (Asso-Divers, Akti Engineering, P.P.C., ALCATEL, PIRELLI).
- **1993:** 66kV Submarine Power Link Syros-Tinos-Mykonos. Land and Marine Survey (Asso-

- Divers and Akti Engineering, P.P.C., ALCATEL, PIRELLI).
- **1993:** Igoumenitsa - Corfu isl. fiber optic link (Akti Engineering, O.T.E., FULGOR).
 - **1993:** Patras-Krioneri fiber optic link (Akti Engineering, O.T.E., FULGOR).
 - **1993:** Municipal outfall of Patras (Patras Water and Sewage Authority)
 - **1993:** New Patras Harbour (Triton Engineering Consultants).
 - **1993:** Preveza – Paxi - Corfu isl. fiber optic link (Akti Engineering, O.T.E., FULGOR).
 - **1993:** Kos isl. – Giali isl. submarine power interconnection (Public Power Corporation of Greece).
 - **1994:** Agia Triada – Rebithousa (central Greece) natural gas pipeline connection (Akti Engineering).
 - **1994:** Zakynthos isl. - Killini (Ionian Sea) submarine power interconnection (marine survey – 2nd phase) (Public Power Corporation of Greece).
 - **1994:** Marine Environmental study of Bauxite tailing in the Gulf of Corinth (Aluminium Hellas (Peshiney)).
 - **1995:** Athens – Milos isl. - Crete (Chania) fiber optic link (Akti Engineering, O.T.E., FULGOR).
 - **1996:** Alkyonides Gulf (east Gulf of Corinth) marine geophysical survey (University of Leeds, England).
 - **1996:** Skiathos Straits submarine power interconnection (Public Power Corporation of Greece).
 - **1997:** New Patras Harbour – Marine geotechnical investigation (Akti Engineering).
 - **1997:** Earthquake-induced (1995) coastal changes in Tolophonas-Eratini (NW gulf of Corinth) (A.D.K. Engineering Consultants).
 - **1997:** Lechena (Killini) – Zakynthos isl. – Kefallinia isl. – Lefkada isl. – Preveza (Ionian sea) fiber optic link (Akti Engineering, O.T.E., FULGOR).
 - **1997:** Arkitsa and Aedipsos (Evia isl.) fiber optic link (Akti Engineering, O.T.E., FULGOR).
 - **1997:** Rio – Antirio (central Greece) submarine power link (preliminary survey) (Public Power Corporation of Greece).
 - **1997:** Panagopoula and Foinikas delta marine geophysical survey (Laboratory of Marine Geology & Physical Oceanography).
 - **1998:** Mykonos isl. – Naxos isl. – Paros isl. – Ios isl. – Santorini isl. - Crete isl. (Aegean sea) fiber optic link (Akti Engineering, O.T.E., FULGOR).
 - **1998:** Municipal outfall of Patras, Greece (Edafomechaniki E.P.E.).
 - **1999:** Kerkyra isl. – Aetos submarine power link (marine survey 1st phase) (Public Power Corporation of Greece).
 - **1999:** Italy - Greece submarine power link (Public Power Corporation of Greece).
 - **2000:** Revithousa gas pipeline: Seafloor mapping and pipeline inspection (Akti Engineering).
 - **2000:** Enlargement of Aktio channel (Akti Engineering).
 - **2000:** Geo-archaeological survey in the coastal zone of Alexandria (Egypt) (Laboratory of Marine Geology & Physical Oceanography).
 - **2000:** Kerkyra isl. – Aetos submarine power link (Public Power Corporation of Greece).
 - **2000:** Geotechnical survey for the Kerkyra isl. – Aetos submarine power link (Public Power Corporation of Greece).
 - **2000:** New Aegion Harbour (Mohlos A.E.).
 - **2000:** Killini - Zakynthos isl. submarine power link (Akti Engineering).
 - **2000 - 2001:** Italy – Greece fiber optic link (GEOLAB S.r.l.).
 - **2002:** Evia isl. – Kavalliani isl. submarine power link (Public Power Corporation of Greece).

- **2006:** Oceanographical study of the coastal area of Potimon, Paphos, Cyprus (D.P. PARALIA C.R.A.M. CY Ltd.).
- **2007:** CORI: Prevention and management of sea originated risks to the coastal zone (Χρηματοδότηση: INTERREG III B ARCHIMED PRIORITY AXIS: 3 - MEASURE: 3).
- **2007:** Human activities on the quality of the coastal environment and assessment of environmental quality indicators in the framework of the coastal zone management, according to the directive 2000/60 (INTERREG IIIA Greece-Cyprus – Measure 3).
- **2008:** Oceanographic survey in the NE Aegean Sea (Gulf of Alexandroupolis) (Evros Prefecture).
- **2011:** AKTAIA: Development of new techniques for quantification and mitigation of climate change impacts on the coasts of E. Creta (Greek Ministry of Development, co-financed by the European Union –European Regional Development Fund)
- **2012:** THALES (University of the Aegean): Physical and economic impacts of sea level changes on the island beaches of the Greek Archipelago (co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework).
- **2012:** THALES (University of Athens): Marine aggregates: prospecting and exploitation methods, environmental impact and usage possibilities (co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework).