

## **CURRICULUM VITAE**

### **THOMAS HASIOTIS PROFESSOR**

Phone: +302251036829, +306977918537 - e-mail: hasiotis@aegean.gr

#### **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**

**2025 – today** Professor in the Department of Marine Sciences of the University of the Aegean, Mytilene, Lesbos (recruitment since 2006; 2006-10 Lecturer, 2010-19 Assistant Professor, and 2014-2019 Associate Professor)

**2020 – 2024:** Director of the Post-graduate research program “Integrated Coastal Zone Management”

**2020 – today:** Vice-president of the Research Account of the University of the Aegean

**2007 – today:** Scientific co-ordinator in 48 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.
- Coastal erosion and morphodynamics.
- Marine geohazards (gas in sediments and pockmarks, submarine mass movements, faults, current-induced bedforms, diapirism etc) and their consequences in coastal and offshore works (submarine power and telecommunication cables, pipelines, ports etc).
- Habitat mapping.
- Surveys/studies for marine aggregate resources.
- Seismic stratigraphy and sea-level changes during the Quaternary.
- Marine geotechnical properties and submarine slope stability.
- Marine geo-archaeological studies.

**Teaching experience*****Undergraduate courses***

- (i) Geoenvironment and Oceanography (1<sup>st</sup> semester - mandatory)
- (ii) Marine Sedimentology (3<sup>rd</sup> semester - mandatory)
- (iii) Applied Marine Geology (6<sup>th</sup> semester - optional)
- (iv) Coastal and Submarine Applications (8<sup>th</sup> semester - optional)

***Post-graduate courses:***

- (i) *Coastal Geohazards*, in MSc Programme “Integrated Coastal Zone Management”.
- (ii) *Field methods, data analysis, and models in Marine Sciences*, in MSc Programme “Research in Marine Sciences”.

***Dissertation Supervision (completed)***

- 54 BSc dissertations
- 19 MSc dissertations
- 2 PhD theses
- Two (2) PhD theses and three (3) MSc dissertations are in progress in 2026
- Member in numerous dissertation/theses evaluation committees.

**Other relevant information**

- Grant award from the State Scholarships Foundation (IKY) for PhD studies (1991-1993).
- Grant award from the State Scholarships Foundation (IKY) for Post-Doctoral studies (2003).
- Reviewer of scientific articles submitted to international journals (e.g. Marine Geology, Geo-Marine Letters, Mediterranean Marine Science, Sedimentology, Regional Environmental Change, Bulletin of the Geological Society of Greece, Remote Sensing, Jour. Of Marine Science and Engineering, Water, Geosciences) and International and Greek Conferences.
- Member of University and Departmental evaluation committees

**Publications**

**Ph.D. dissertation**

Geophysical prospecting and geotechnical conditions of submarine slopes in seismically active regions in Greece (in Greek with English abstract), Geology Dept. University of Patras, 263 pp and 3 Appendices.

**A. International Scientific Journals and Books**

- A.01. Papatheodorou, G., **Hasiotis, T.** and Ferentinos, G., (1993). Gas charged sediments in the Aegean and Ionian Seas, Greece. *Marine Geology*, 112: 171-184.
- A.02. **Hasiotis, T.**, Papatheodorou, G., Kastanos, N., and Ferentinos G., (1996). A pockmark field in the Patras Gulf (Greece) and its activation during the 14/7/93 seismic event. *Marine Geology*, 130: 333-344.
- A.03. 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*, 27(3): 515-524.
- A.04. **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*, 186: 319-335.
- A.05. **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*, 22(3): 142-149.
- A.06. **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*, 214: 49-73.
- A.07. **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*, 26(4): 199-211.
- A.08. 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, 27: 67-75.
- A.09. **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, 27: 309-316.
- A.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, 27: 317-324.
- A.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, 28: 43-54, DOI 10.1007/978-90-481-3071-9, Springer, The Netherlands.
- A.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*, 40: 166-174.
- A.13. Monioudi I., Karditsa A., Chatzipavlis A., Alexandrakis G., Andreadis O., Velegrakis A., Poulos S., Ghionis G., Petrakis S., Sifnioti D., **Hasiotis T.**, Lipakis M., Kampanis M., Karambas Th., Marinos E., (2014). Assessment of vulnerability of the eastern Cretan beaches (Greece) to sea level rise. *Regional Environmental Change*, 16: 1951-1962, DOI 10.1007/s10113-014-0730-9.
- A.14. Velegrakis, A., Trygonis, V., Chatzipavlis, A., Karambas, Th., Vousdoukas, M., Ghionis, G., Monioudi, I., **Hasiotis, T.**, Andreadis, T. and Psarros, F., (2016). Shoreline variability of an urban beach fronted by a beachrock reef from video imagery. *Natural Hazards*, DOI 10.1007/s11069-016-2415-9.

- A.15. **Hasiotis, T.** and Katsanevakis, S., (2016). Deepest record of *Caulerpa Cylindracea* in the Mediterranean. In Dailianis et al., New Mediterranean Biodiversity Records (July 2016), p.616. Mediterranean Marine Science (collective article), 17/2: 608-626, doi: 10.12681/mms.1734.
- A.16. Monioudi I., Velegrakis A., Chatzipavlis A., Rigos A., Karambas Th., Vousdoukas M., **Hasiotis T.**, Koukourouvli N., Peduzzi P., Manoutsoglou E., Poulos S., Collins M., (2017). Assessment of island beach erosion due to sea level rise: The case of the Aegean Archipelago (Eastern Mediterranean). Nat. Hazards Earth Syst. Sci., 17: 449-466, doi: 10.5194/nhess-17-449-2017.
- A.17. Sini M, Katsanevakis S, Koukourouvli N, Gerovasileiou V, Dailianis T, Buhl-Mortensen L, Damalas D, Dendrinis P, Dimas X, Frantzis A, Gerakaris V, Giakoumi S, Gonzalez-Mirelis G, **Hasiotis T**, Issaris Y, Kavadas S, Koutsogiannopoulos DD, Koutsoubas D, Manoutsoglou E, Markantonatou V, Mazaris A, Poursanidis D, Papatheodorou G, Salomidi M, Topouzelis K, Zotou M., (2017). Assembling ecological pieces to reconstruct the conservation puzzle of the Aegean Sea. Frontiers in Marine Science, 4: 347, doi 10.3389/fmars.2017.00347
- A.18. Kontogeorgos, I., Tzoraki, O., Moutafis, N., **Hasiotis, T.** and Velegrakis, A. (2017). Methodological framework to estimate the coastal sediment supply of the island beaches. European Water, 57: 261-266.
- A.19. Manoutsoglou E., **Hasiotis T.**, Kyriakoudi D., Velegrakis A. and Lowag J., (2018). Puzzling micro-relief (mounds) of a soft-bottomed, semi-enclosed shallow marine environment. Geo-Marine Letters, 38: 359-370, doi.org/10.1007/s00367-018-0539-5.
- A.20. Tsatiris, A., Papadopoulos, V., Makri, D., Topouzelis, K., Manoutsoglou, E., **Hasiotis, T.**, Katsanevakis S., (2018). Spatial distribution, abundance and habitat use of the endemic Mediterranean fan mussel *Pinna nobilis* in the Gera Gulf, Lesvos (Greece): comparison of design-based and model-based approaches. Mediterranean Marine Science, doi: <http://dx.doi.org/10.12681/mms.14156>.
- A.21. Chatzipavlis, A., Tsekouras G., Trygonis V., Velegrakis A., Tsimikas J., Rigos A., **Hasiotis T.**, Salmas C., (2018). Modeling of beach realignment using a neuro-fuzzy network optimized by a novel backtracking search algorithm. Neural Computing and Applications, <https://doi.org/10.1007/s00521-018-3809-2>.
- A.22. **Hasiotis T.**, Gazis I-Z., Anastasatou M., Manoutsoglou E., Velegrakis A.F., Kapsimalis V., Karditsa A., Stamatakis M. (2020). Searching for potential marine sand resources to mitigate beach erosion in island settings. Marine Georesources and geotechnology, <https://doi.org/10.1080/1064119X.2020.1721623>.
- A.23. Panagou Th., Oikonomou E., **Hasiotis T.** and Velegrakis A., (2020). Shallow water bathymetry derived from green wavelength terrestrial laser scanner. Marine Geodesy, 43(5): 472-492, <https://doi.org/10.1080/01490419.2020.1737602>.
- A.24. Panagou Th., **Hasiotis T.**, Velegrakis A., Karambas Th., Oikonomou E., Dimitriadis C. (2020). Erosion status of a sea cliff promontory bounding an ecologically important beach. Journal of Coastal Conservation, 24:39 <https://doi.org/10.1007/s11852-020-00756-6>.
- A.25. Andreadis, O., Chatzipavlis, A., **Hasiotis, T.**, Monioudi, I., Manoutsoglou, E., Velegrakis, A. (2021). Assessment of and Adaptation to Beach Erosion in Islands: An Integrated Approach. Journal of Marine Science and Engineering, 9 (8), 859. <https://doi.org/10.3390/jmse9080859>.
- A.26. Joumar, N., Nabih, S., Chatzipavlis, A., Velegrakis, A. **Hasiotis, T.**, Tzoraki, O., Sittou El Messari, J.E., Benaabidate, L., (2023). A qualitative assessment of river plumes coupling SWAT model simulations and a beach optical monitoring system. Hydrology, 10, 38, <https://doi.org/10.3390/hydrology10020038>.
- A.27. Monioudi I., Velegrakis A., Chatzistratis D., Vousdoukas M., Savva Ch., Wang D., Bove G., Mentaschi L., Paprotny D., Morale-Napoles O., Chatzipavlis A., **Hasiotis T.**, Manoutsoglou E., (2023). Climate change-induced hazards on touristic island beaches: Cyprus, Eastern Mediterranean. Frontiers in Marine Sciences, 10:1188896, doi:10.3389/fmars.2023.1188896.
- A.28. Velegrakis A., Monioudi I., Tzoraki O., Vousdoukas M., Tragou E., **Hasiotis T.**, Asariotis R., Andreadis O., (2024). Coastal hazards and related impacts in Greece. In: Darques R, Sidiropoulos G, Kalabokidis K (eds), "The Geography of Greece. Managing Crises and Building Resilience". World Regional Geography Book Series. Springer, Cham, pp. 353-370, [https://doi.org/10.1007/978-3-031-29819-6\\_21](https://doi.org/10.1007/978-3-031-29819-6_21).
- A.29. Velegrakis A., Chatzistratis D., Chalazas T., Armaroli C., Schiavon E., Alves B., Grigoriadis D., **Hasiotis T.**, Ieronymidi E., (2024). Earth observation technologies, policies and legislation for the coastal flood risk

- assessment and management: a European perspective. *Anthropocene Coasts*, 7, 3, <https://doi.org/10.1007/s44218-024-00037-x>.
- A.30. Manoutsoglou E., **Hasiotis T.**, Velegrakis A., (2024). Holocene records of oyster reefs in a shallow semi-enclosed island embayment of the Aegean Sea. *Estuarine, Coastal and Shelf Science*, <https://doi.org/10.1016/j.ecss.2024.108781>.
- A.31. Chtouris K.N. and **Hasiotis T.**, (2024). Marine geotechnical research in Greece: a review of the current knowledge, challenges and prospects. *Journal of Marine Science and Engineering*, 12(10), 1708, <https://doi.org/10.3390/jmse12101708>.
- A.32. Lioupa V., Karsiotis P., Arosio R., **Hasiotis T.** and Wheeler A., (2024). A comparative crash-test of manual and semi-automated methods for detecting complex submarine morphologies. *Remote Sensing*, 16, 4093, <https://doi.org/10.3390/rs16214093>.
- A.33. Papasarafianou S., Siarkos I., Gkaifyllia A., Sahtouris S., Varra G., Chatzipavlis A., **Hasiotis T.**, Tzoraki O., (2024). A holistic approach for coastal-watershed management on tourist islands: a case study from Petra-Molyvos coast, Lesbos Island (Greece). *Geosciences*, 14, 326, <https://doi.org/10.3390/geosciences14120326>.
- A.34. Monioudi I., Chatzistratis D., Chalazas Th., Chatzipavlis A., Velegrakis A., Andreadis O., Monioudis E., Nikolaou A., **Hasiotis T.**, (2025). A prioritization framework for adaptation responses for climate change induced erosion in island beaches – Cases from the Aegean Islands, Greece. *Journal of Marine Science and Engineering*, 13, 491, <https://doi.org/10.3390/jmse13030491>.
- A.35. Manoutsoglou E. and **Hasiotis T.**, (2025). Evidence of Holocene sea-level rise from buried oyster reef terrain in a land-locked insular embayment in Greece. *Geosciences*, 15, 105, <https://doi.org/10.3390/geosciences15030105>.
- A.36. Gkaifyllia A., Papasarafianou S., Chatzipavlis A., Dordevic N., Monioudi I., Tzoraki O., **Hasiotis T.**, (2025). Interaction between coastal socioeconomic and environmental activities for integrated management: case study East Mediterranean (Greece, Cyprus, Montenegro). *Euro-Mediterranean Journal for Environmental Integration*, <https://doi.org/10.1007/s41207-025-00776-4>.
- A.37. Evagorou E., **Hasiotis T.**, Petsimeris I., Monioudi I., Andreadis O., Chatzipavlis A., Christofi D., Kountouri J., Stylianos N., Mettas Ch. Velegrakis A., Hadjimitsis D., (2025). A holistic high resolution remote sensing approach for mapping coastal geomorphology and marine habitats. *Remote Sensing*, 17, 1437, <https://doi.org/10.3390/rs17081437>.
- A.38. Christofi D., Mettas C., Evagorou E., Stylianos N., Eliades M., Theocharidis C., Chatzipavlis A., **Hasiotis T.**, Hadjimitsis D., (2025). A Review of Open Remote Sensing Data with GIS, AI, and UAV Support for Shoreline Detection and Coastal Erosion Monitoring. *Applied Sciences*, 15, 4771, <https://doi.org/10.3390/app15094771>.
- A.39. Daide F., **Hasiotis T.**, Nabih S., Taia S., Lahrach A., Koutsovili E.-I., Tzoraki O., (2025). Assessing Hydrological Alterations and Environmental Flow Components in the Beht River Basin, Morocco, Using Integrated SWAT and IHA Models. *Hydrology*, 12, 109, <https://doi.org/10.3390/hydrology12050109>.
- A.40. Gkaifyllia A., Tzoraki O., Monioudi I., **Hasiotis T.**, (2025). Assessing the Evolution of Research on Mediterranean Coastal Cultural Heritage Under Climate Extremes and Crisis: A Systematic Literature Review (2000–2024). *Heritage*, 8, 491, <https://doi.org/10.3390/heritage8110491>.
- A.41. Sini M., Pistevos J., Bosmali A., Manoliou A., Nikolaou A., Pitarra G., Petsimeris I., Andreadis O., **Hasiotis T.**, Mazaris D., Katsanevakis S., (2025). Multimodal Underwater Sensing of Octocoral Populations and Anthropogenic Impacts in a Conservation-Priority Area (NE Aegean Sea, Greece). *Journal of Marine Science and Engineering*, 13, 2237, <https://doi.org/10.3390/jmse13122237>.
- A.42. Karsiotis P., **Hasiotis T.**, Petsimeris I., Manoutsoglou E., Andreadis O., (2025). Late Quaternary evolution and internal structure of an insular semi-enclosed embayment, Kalloni Gulf, Greece. *Quaternary*, 8, 74, <https://doi.org/10.3390/quat8040074>.
- A.43. Pistevos J., Nikolaou A., Petsimeris I., Pitarra G., Greggio N., Andreadis O., **Hasiotis T.**, Mazaris A., Katsanevakis S., (2026). First documented black seabream (*Spondyllosoma cantharus*) nesting aggregation in the Mediterranean Sea. *Environ. Biol. of Fishes*, 109:15 <https://doi.org/10.1007/s10641-025-01792-7>.

- A.44. Evangelinos D., Campderros S., Trias-Navarro S., Garcia-Brina C., Paredes Paredes E., Pena L., Frigola J., **Hasiotis T.**, Rousakis G., Sakellariou D., Cacho I., (2026). Early Holocene vigorous Black Sea outflow and the onset of sluggish Aegean deep-water convection. *Communications Earth & Environment* (in press), <https://doi.org/10.1038/s43247-026-03730-6>.

### ***B. International and Greek Scientific and Technical Journals***

- B.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.
- B.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.
- B.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).
- B.4. Christodoulou, D., **Hasiotis, T.**, Stefatos, A., Papatheodorou, G., Ferentinos, G., Tsaviliris, 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).
- B.5. Chronis, A., **Hasiotis, T.** and Lowag, J., (2014). Relationship between gas-bearing sediments and biogenic mounds. *Hydro International*, November/December 2014, 22-25.

### ***C. Proceeding volumes of International and Greek Conferences***

- C.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 7<sup>th</sup> Geological Society of Greece Congress*, v. XXX/5, pp. 251-262.
- C.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 5<sup>th</sup> Symposium on Oceanography and fisheries*, v.1 pp. 407-410.
- C.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 5<sup>th</sup> Symposium on Oceanography and fisheries*, v.1 pp. 213-216.
- C.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 *Marinos, 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.
- C.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 3<sup>rd</sup> Symposium of Archaeometry), pp. 139-156.
- C.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.
- C.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.
- C.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 8<sup>th</sup> International Congress of the Geological Society of Greece*, Patra, May 1998, vol. XXXII/4, pp. 243-253.
- C.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 8<sup>th</sup> International Congress of the Geological Society of Greece*, Patra, May 1998, vol. XXXII/2, pp. 205-215.
- C.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 8<sup>th</sup> International Congress of the Geological Society of Greece*, Patra, May 1998, vol. XXXII/4, pp. 283-293.
- C.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 8<sup>th</sup> International Congress of the Geological Society of Greece*, Patra, May 1998, vol. XXXII/2, pp. 223-234.
- C.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 5<sup>th</sup> Hellenic National Geographical Conference*, Athens, pp. 632-644.
- C.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 4<sup>th</sup> Hellenic Conference of Geotechnical and Geoenvironmental Mechanics*, Vol. 1, pp. 243-250.
- C.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 9<sup>th</sup> International Congress of the Geological Society of Greece*, Athens 2001, v. 2, pp. 663-670.
- C.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.
- C.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.
- C.17. Charalampakis, M., **Hasiotis, T.** and Stefatos, A., (2008). Geo-hazarddds in coastal areas. Case study: The Xylocastro area in the Gulf of Corinth and the consequences due to a local tsunami impact. 4<sup>th</sup> Greek Congress in Coastal Zone Management and Improvement, Mytilene 23-27 September, pp. 405-414.
- C.18. Karambas, Th., Krestenitis, I., Sakellariou, D., **Hasiotis, T.** and Maliaros, D., (2008). Prevention and management of sea orifinated risks to the coastal zone (CORI-INTERREG III B / ARCHIMED): Tsunamis and flood risk. 4<sup>th</sup> Greek Congress in Coastal Zone Management and Improvement, Mytilene 23-27 September, pp. 597-606.
- C.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. 4<sup>th</sup> Greek Congress in Coastal Zone Management and Improvement, Mytilene 23-27 September, pp. 647-658.
- C.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 9<sup>th</sup> Symposium on Oceanography and Fisheries*, Patras 13-16 May, v. 1, pp. 202-207.
- C.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 9<sup>th</sup> Symposium on Oceanography and Fisheries*, Patras 13-16 May, v. 1, pp. 590-595.
- C.22. Papakosta F., **Hasiotis, T.** & Palaokrassas A., (2012): Biogenic formations in the Sikinos-Folegandros area. In: 10th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Athens, Greece, 7-11 May 2012, p. 41.
- C.23. Tsiridis, L., & **Hasiotis T.**, (2012): Examination of the use of benthic foraminifera as indicators of environmental pressure in aquacultures in the coastal zone of SE Lesvos. In: 10th Hellenic Symposium of



- Oceanography and Fisheries. Hellenic Centre for Marine Research, Athens, Greece, 7-11 May 2012, p. 199.
- C.24. Tsintsinis, M., **Hasiotis T.** & Michelakaki, M., (2012): Evaluation of Geomorphological conditions and wind regime for the development and planning of an offshore wind farm off Alexandroupolis, Greece. In: 10th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Athens, Greece, 7-11 May 2012, p. 210.
- C.25. Karambas, T. & **Hasiotis, T.** (2012). A study of tsunamis generated by underwater landslides in the Aegean Sea. Proceedings of the 22<sup>nd</sup> International Offshore and Polar Engineering Conference, June 17-22, Rhodes, Greece, pp. 229-235.
- C.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. 6<sup>th</sup> International Conference on Sustainable Development in the Minerals Industry. 30 June – 3 July, Milos island, Greece, pp. 1-6.
- C.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. 13<sup>th</sup> International Conference on Environmental Science and Technology (CEST2013), 5-7 September 2013, Athens, paper ID: CEST13\_0819.
- C.28. **Hasiotis T.**, Ramfos A., Manoutsoglou E., Spinos E., Andreadis O., Evagelopoulos A., Kakoliri A., Koutsoumbas D., (2013). Utilization of hydroacoustic technology for mapping coastal habitat types: case study at the SW part of Laganas Gulf, Zakynthos. 15<sup>th</sup> Hellenic Congress of Ichthyologists, Thessaloniki 10<sup>th</sup>-13<sup>th</sup> of October, pp. 327-330.
- C.29. Gazis, I-Z., Lazogiannis K., **Hasiotis T.**, Velegrakis A., Poulos S., (2015). Recent sedimentation processes in the submarine delta of Pinios (Thessaly). Proceedings of the 10th International Congress of the Hellenic Geographical Society, 22-24 October 2014, Thessaloniki, Greece, pp.1645-1652.
- C.30. Kikaki, A., G., Ghionis, M. Vousdoukas, A. Karditsa, O. Andreadis, S. Petrakis, A. Alexandrakis, D. Sifnioti, I. Monioudi, **T. Hasiotis**, S. Poulos, A. Velegrakis, N. Kampanis, M. Lipakis, (2015). Study of the Beach Zone of Koutsounari (SE Crete) using Video Monitoring Methods. Proceedings of the 10th International Congress of the Hellenic Geographical Society, 22-24 October 2014, Thessaloniki, Greece, pp. 264-274.
- C.31. Velegrakis, A.F., Trygonis, V., Vousdoukas, M.I., Ghionis, G., Hatzipavlis, A., Andreadis, O., Psarros, F., **Hasiotis, Th.** (2015). Automated 2-d shoreline detection from coastal video imagery: an example from the island of Crete. Proc. SPIE 9535, 3<sup>rd</sup> International Conference on Remote Sensing and Geoinformation of Environment (RSCy2015). March 16-19, 2015, Cyprus, 95351J, doi:10.1117/12.2192687.
- C.32. Manoutsoglou, E., **Hasiotis, T.**, Velegrakis, A and Hatzilias, N., 2015. Acoustic observation of the soft substrate of Gera Gulf. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1021-1024.
- C.33. Nasras, S., Andreadis, O., Psarros, F., Monioudi, I., **Hasiotis, T.**, Velegrakis, A., 2015. Morphologic evidence of active sediment transport in the inshore area of Eresos Beach, Lesvos. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1097-1100.
- C.34. Chronis, A., **Hasiotis, T.**, Lowag, J. and Velegrakis, A., 2015. Distribution and possible causes of biogenic mounds formation in the Kalloni Gulf, Lesvos. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1029-1032.
- C.35. Stefa, E., **Hasiotis, T.** and Paleokrassas, A., 2015. Geomorphological evidence of bottom currents in the Kafireas Strait. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1025-1028.
- C.36. Spinou, M., **Hasiotis, T.** and Paleokrassas, A., 2015. Recent sediment characteristics between Ios-Sikinos-Folegandros. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1041-1044.



- C.37. Panagou, T., Oikonomou, E., **Hasiotis, T.** and Dimitriadis, Ch., 2015. Coastal cliff mapping by terrestrial laser scanner in an area of ecological importance. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1141-1144.
- C.38. Trygonis, V., Ghionis, G., Andreadis, O., Vousdoukas, M., Ntemogiannis, I., Rigos, A., Psarros, F., Velegrakis A., **Hasiotis, T.** and Poulos, S.E., (2015). Monitoring beach usage with a coastal video imaging system: an application at Paralia Katerinis, Greece. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 737-740.
- C.39. Stamatakis M., Poulos S., Tsoutsia A., Anastasatou M., Karditsa K., Koukounari I., Papavlassopoulou N., Velegrakis A.F., **Hasiotis T.**, Evangelopoulos A., Koutsoumbas D., Kapsimalis V., Roussakis G., Panagiotopoulos I., (2015). Marine Aggregates Prospecting and Exploitation (MARE project) in Greek waters: Methods, Environmental Impact and Usage possibilities. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1053-1056.
- C.40. Anastasatou M., Tsoutsia A., Stamatakis M., Roussakis G., Kapsimalis V., Voudouris P., Mitsis I., Petrakis S., Karditsa A., Poulos S., Panagiotopoulos I., Koukounari I., **Hasiotis T.**, Aspiotis K., Stamatakis G., Papavlassopoulou N., (2015). The relation between the coastal hinterland bedrock and the nature of the offshore sea-bedded sediments. Examples from the Aegean Sea, Greece. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1061-1064.
- C.41. Kapsimalis V., Rousakis G., Panagiotopoulos I., **Hasiotis T.**, Tsoutsia A., Anastasakou M., Stamatakis M., Petrakis S., Karditsa A., Poulos S., (2015). Searching for Marine Aggregate deposits on the continental shelf of SE Euboea, Greece. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1065-1068.
- C.42. Karditsa A., Velegrakis A.F., Poulos S., Kapsimalis V., Stamatakis M., Tsoutsia A., **Hasiotis T.**, Rousakis G., I. Panagiotopoulos I., (2015). Environmental framework related to Marine Aggregates exploitation in Greece. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1069-1072.
- C.43. Velegrakis A., Karditsa A., Paramana, Th., Poulos S., Anastasatou, M., Tsoutsia A., Papavlassopoulou, N., Stamatakis M., **Hasiotis T.**, (2015). Marine Aggregates extraction regulations in Greece in accordance to European Practices. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1073-1076.
- C.44. Evangelopoulos, A., Arabanou, M., Maidanou, M., Katsiaras, N., **Hasiotis, T.**, Koutsoubas, D., 2015. Baseline study of the benthic macrofauna at a potential Marine Aggregate Extraction site (Afantou Bay, Rhodes). In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1077–1080.
- C.45. Topouzelis, K., Koukourovli, N., Andreadis, O., Psarros, F., Oikonomou, E., **Hasiotis, T.**, 2015. Bathymetric mapping using WorldView-2 satellite image in Eresos beach, Lesvos Island, in 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1093-1096.
- C.46. Ghionis, G., Sifnioti, D., Chatzipavlis, A., Petrakis, S., Andreadis, O., Psarros, F., Poulos, S. **Hasiotis, T.** and Velegrakis G., (2015). Wave transformation and water circulation in a reef-protected nearshore zone. The case of Ammoudara Beach (Heraklion, Crete). In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1113-1116.
- C.47. Chatzipavlis, A., Psarros, F., Manoutsoglou, E., Trygonis, V., Andreadis, O., Eleftheriou, A., Velegrakis, A., **Hasiotis, T.**, 2015. Hydrodynamics and morphodynamics of island pocket beaches: Preliminary results from Kalo Livadi, Mykonos. In: 11th Hellenic Symposium of Oceanography and Fisheries. Hellenic Centre for Marine Research, Mytilene, Lesvos, Greece, 13-17 May 2015, pp. 1101-1104.
- C.48. Velegrakis A.F., Trygonis V., Chatzipavlis A.E., Vousdoukas M., Ghionis G., Andreadis O., Psarros F., Karambas T., Sifnioti D., Eleftheriou A., Petrakis S., **Hasiotis T.** (2015). High resolution morphodynamic monitoring of an Aegean Island beach, using coastal video imagery. Proceedings of the 12th International Conference on the Mediterranean Coastal Environment (MEDCOAST 2015). 6-10 October, pp. 725–736.
- C.49. Meligonitis, R., Galanopoulos, D., **Hasiotis, T.**, Velegrakis, A., (2016). Geo-electrical mapping of

- beachrock in Vatera beach, Lesvos. Proceedings of the 14<sup>th</sup> International Conference of the Geological Society of Greece, 25-27 May, 2016 Thessaloniki, Greece, vol. 1-4, pp. 2323-2331.
- C.50. Velegrakis, A., **Hasiotis, T.**, Tzoraki, O., Karambas, Th., Monioudi, I., Trygonis, V., Topouzelis, K., Chatzipavlis, A., Aaheim, A. and Orlov, A., (2017). Recording of and technical responses to coastal erosion of touristic Aegean island beaches – The Erabeach Project. Proceedings of the 15<sup>th</sup> International Conference on Environmental Science and Technology, 31 August - 2 September, Rhodes, Greece, CEST2017\_00707, ISBN 978-960-7475-53-4.
- C.51. **Hasiotis, T.**, Velegrakis, A., Trygonis, V., Topouzelis, K., Andreadis, O., Chatzipavlis, A., Psarros, F., Manoutsoglou, E., Monioudi, I., Koronios, E., (2017). Monitoring erosion risk in Kamari beach (Santorini). Proceedings of the 15<sup>th</sup> International Conference on Environmental Science and Technology, 31 August - 2 September, Rhodes, Greece, CEST2017\_00705, ISBN 978-960-7475-53-4.
- C.52. Gazis, I-Z., **Hasiotis, T.**, Velegrakis, A., Anastasatou, M., Karditsa, A., Andreadis, O., Kapsimalis, V., Stamatakis, M. and Poulos, S., (2017). The potential of marine aggregate deposits off a highly eroded coastal area in Lesvos Isl. (Greece) – Implications for coastal management. Proceedings of the 15<sup>th</sup> International Conference on Environmental Science and Technology, 31 August - 2 September, Rhodes, Greece, CEST2017\_00706, ISBN 978-960-7475-53-4.
- C.53. Andreadis, O., **Hasiotis, T.**, Psarros, F., Chatzipavlis, A. Velegrakis, A., (2017). Erosion and sediment transport processes along Eresos coastal zone (Lesvos, Greece). Proceedings of the 15<sup>th</sup> International Conference on Environmental Science and Technology, 31 August - 2 September, Rhodes, Greece, CEST2017\_00710, ISBN 978-960-7475-53-4.
- C.54. Manoutsoglou E., Makri D., Topouzelis K., Panagou Th., **Hasiotis T.**, (2018). Bathymetry estimation and habitats mapping in a semi-enclosed environment, Gera Gulf, Lesvos Isl. Proceedings of the International Conference Geomapplica 2018-Geomatics, Remote Sensing and Earth Observation, 25-29 June, Syros, Greece.
- C.55. Panagou Th., **Hasiotis T.**, Velegrakis A., Oikonomou E., (2018). Coastal cliff morphological changes observed by terrestrial lidar point clouds – Case study: Gerakas beach, Zakynthos Isl. Proceedings of the International Conference Geomapplica 2018-Geomatics, Remote Sensing and Earth Observation, 25-29 June, Syros, Greece.
- C.56. Oikonomou E., Poulos S., **Hasiotis T.**, Velegrakis A., Andreadis O., (2018). Study case of implementing various empirical satellite derived bathymetry in the Gulf of Kalo Livadi, Mykonos Island, Greece. International Geomatics Applications Conference, 25-29 June, Syros, Greece – Book of abstracts (online), ISSN: 2653-9098, page 89.
- C.57. Chalazas Th., **Hasiotis T.**, Monioudi I., Andreadis O., Manoutsoglou, E., Velegrakis A., (2018). Evaluation of coastal vulnerability using the InVest model – Case study: SE Chios island. Hydromedit 2018 (3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment), 8-11 November, Volos, Greece, Book of proceedings, 537-541.
- C.58. Manoutsoglou E., **Hasiotis T.**, Mamoutos I., Katsanevakis S., Paleokrassas A., (2018). Evaluating the distribution of coralligenous platforms (banks) in the Aegean Sea. Hydromedit 2018 (3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment), 8-11 November, Volos, Greece, Book of proceedings, 439-443.
- C.59. Tzoraki O., Krasakopoulou E., Monioudi I., Dídac J., Tourlioti P., Velegrakis A., **Hasiotis T.**, Batjakas J., Bakopoulos V., Efstratiou A., (2018). Ecosystem services protocols to assist the coastal zone management – A transdisciplinary dialogue. Hydromedit 2018 (3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment), 8-11 November, Volos, Greece, Book of proceedings, 585-591.
- C.60. Anastasatou M., Karditsa A., Petrakis S., Tsoutsia A., Kapsimalis V., Foutrakis P., **Hasiotis T.**, Rousakis G., Evangelopoulos A., Poulos S., Stamatakis M. (2019). Marine aggregates deposits of Kissamos Bay, Crete, Greece. 14<sup>th</sup> International MEDCOAST Congress on coastal and Marine Sciences, Engineering, Management & Conservation, 22-26 Oct., Marmaris Turkey pp. 221-232.
- C61. Andreadis O., **Hasiotis T.**, Manoutsoglou E., Chatzipavlis A., Monioudi I. and Velegrakis A., (2021). Prospective marine aggregate deposits in Chios Island (Greece): a preliminary evaluation. Proceedings of the

- Eighth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2021) & SECOTOX Conference, Thessaloniki (Greece), July 20-24, pp 659-667.
- C62. Panagou Th., **Hasiotis T.**, Oikonomou E., (2021). Methodological considerations in mapping a hostile seacliff with terrestrial laser scanner. Hydromedit 2021 (4<sup>th</sup> International Congress on Applied Ichthyology, Oceanography & Aquatic Environment), 4-6 November, Mytilene, Greece, Book of proceedings, 234-238.
- C.63. Manoutsoglou E., **Hasiotis T.**, Andreadis O., Velegrakis A. (2021). Seismic evidence of fluids in the sediments of the semi-enclosed Gulf of Gera (Lesvos, Greece). Hydromedit 2021 (4<sup>th</sup> International Congress on Applied Ichthyology, Oceanography & Aquatic Environment), 4-6 November, Mytilene, Greece, Book of proceedings, 249-253.
- C.64. Manoutsoglou E., Oikonomou A., **Hasiotis T.**, (2021). Surficial sediment distribution in the semi-enclosed Gulf of Kalloni (Lesvos Isl.). Hydromedit 2021 (4<sup>th</sup> International Congress on Applied Ichthyology, Oceanography & Aquatic Environment), 4-6 November, Mytilene, Greece, Book of proceedings, 277-281.
- C65. Petsimeris I.Th., **Hasiotis T.**, Missias S., Poulos A. and Konstantopoulou S., (2022). Geomorphology of the current-swept South Evia Shelf, Greece. Marine and Inland Waters Research Symposium, Porto Heli, Argolida, Greece, 16-20 September 2022, pp. 585-589.
- C66. Chtouris N.K., **Hasiotis T.**, Poulos A. and Tsavlis E., (2022). Comparison between CPT undrained shear strength and vane test measurements in surficial marine sediments. Marine and Inland Waters Research Symposium, Porto Heli, Argolida, Greece, 16-20 September 2022, pp. 597-601.
- C67. Lioupa V., Poulos A., Petsimeris I.Th., Andreadis O. **Hasiotis T.** and Velegrakis A., (2022). An unusual coastal depression at eastern Lesvos Island – assuming possible formation mechanisms. Marine and Inland Waters Research Symposium, Porto Heli, Argolida, Greece, 16-20 September 2022, pp. 617-621.
- C68. Manoutsoglou E., **Hasiotis T.**, Andreadis O., Velegrakis A., (2022). Holocene records of oyster reefs in a semi-enclosed embayment, Kalloni Gulf, Greece. Marine and Inland Waters Research Symposium, Porto Heli, Argolida, Greece, 16-20 September 2022, pp. 611-615.
- C69. Velegrakis A., Papadatou K., Alves B., **Hasiotis T.** and Armaroli C., (2022). International and EU policies and legislation for coastal floods. Marine and Inland Waters Research Symposium, Porto Heli, Argolida, Greece, 16-20 September 2022, pp. 91-95.
- C70. Anastasatou M., Karditsa A., Tsoutsia A., Foutarakis P., Petrakis S., Rousakis G., Poulos S.E., Kapsimalis V., **Hasiotis Th.**, and Stamatakis M., (2022). Marine aggregate deposits in the inner shelf of the SE Evia Island, Aegean Sea, Greece. Marine and Inland Waters Research Symposium, Porto Heli, Argolida, Greece, 16-20 September 2022, pp. 591-595.
- C71. Sakellariou D., Iatrou M., Salomidi M., Papathanasiou V., Loukaidi V., ..... **Hasiotis T.**, et al., (2022). Guidelines and best practices for marine habitat mapping in the Hellenic Seas. Marine and Inland Waters Research Symposium, Porto Heli, Argolida, Greece, 16-20 September 2022, pp. 605-609.
- C.71. Papasarafianou, S., Gkaifyllia, A. Iosifidi, A-E., Sahtouris, S., Wulf, N., Culibrk, A., Stamataki, M-D., Chatzivasileiou, T., Siarkos, I., Rouvenaz, C., Koutsovili, E.I., **Hasiotis, T.**, Tzoraki, O., (2023). Vulnerability of Small Rivers Coastal Part Due to Floods: The Case Study of Lesvos West—North Coast. The 7th International Electronic Conference on Water Sciences, Environ. Sci. Proc. 2023, 5, x. <https://doi.org/10.3390>.
- C.72. **Hasiotis T.**, Andreadis O., Chatzipavlis A., Mettas C., Evagorou E., Kountouri J., Hadjimitsis D., Christophi D., Loizidou M. and Ghrysostomou G., (2023). A holistic high-resolution monitoring approach in studying coastal erosion of a highly touristic beach, Coral Bay, Cyprus. Proc. SPIE 12786, Ninth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2023), 1278611 (21 September 2023); <https://doi.org/10.1117/12.2682605>.
- C.73. Monioudi I., Chatzistratis D., Chalazas Th., Savva C., **Hasiotis T.**, Velegrakis A., Kountouri J., Mettas C., Evagorou E., and Hadjimitsis, D., (2023). Building of a database for Cyprus Beaches. Proc. SPIE 12786, Ninth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2023), 1278612 (21 September 2023); <https://doi.org/10.1117/12.2682612>.
- C.74. Chtouris N. and **Hasiotis T.**, (2023). Offshore infrastructures in Greece: a new era and a big challenge for marine geotechnical surveying. 2<sup>nd</sup> International Conference International Scientific Conference on Design and Management of Harbor Coastal and Offshore Works, Thessaloniki, Greece, May 24-27, 2023, Full Papers Proceedings Vol. II, 220-224.

- C.75. Petsimeris I., Oikonomou A., Poulos A., Andreadis O., Lioupa V. and **Hasiotis T.**, (2023). Seabed conditions in the embayment of Agia Efimia (Kefalonia) 2 years after the Medicane IANOS. 2<sup>nd</sup> International Conference International Scientific Conference on Design and Management of Harbor Coastal and Offshore Works, Thessaloniki, Greece, May 24-27, 2023, Full Papers Proceedings Vol. II, 231-235.
- C.76. Poulos A., Andreadis O., Petsimeris I., Chtouris N., **Hasiotis T.**, Kokoromytis A. and Karamaniolas D., (2023). Boomer subbottom profiler: also valid for distinguishing habitat boundaries during port geological surveys? – An example from Armenistis coastal zone in Ikaria Island. 2<sup>nd</sup> International Conference International Scientific Conference on Design and Management of Harbor Coastal and Offshore Works, Thessaloniki, Greece, May 24-27, 2023, Full Papers Proceedings Vol. II, 173-177.
- C.77. Velegrakis A., Monioudi I., Vousdoukas M., Tzoraki O., **Hasiotis T.**, (2023). Drivers and impacts of beach erosion in Eastern Mediterranean Islands. 18<sup>th</sup> International Conference on Environmental Science and Technology, Athens 30 Aug. to 2 Sept. 2023, <https://doi.org/10.30955/gnc2023.00490>.
- C.78. Velegrakis A., Papadatou K., **Hasiotis T.**, Monioudi I., Hadjimitsis D., Kontopyrakis K., (2023). Coastal flood and erosion risk under climate change: An overview of policies and legislation in Greece and Cyprus. 18<sup>th</sup> International Conference on Environmental Science and Technology, Athens 30 Aug. to 2 Sept. 2023, <https://doi.org/10.30955/gnc2023.00477>.
- C.79. **Hasiotis T.**, Velegrakis A., Hadjimitsis D., Loizidi M., (2023). Beach erosion due to climate change: evaluation and best mitigation practices in touristic beaches of North Aegean Islands and Cyprus – The methodological structure of BEACHTECH project. 18<sup>th</sup> International Conference on Environmental Science and Technology, Athens 30 Aug. to 2 Sept. 2023, <https://doi.org/10.30955/gnc2023.00295>.
- C.80. Monioudi I., Andreadis O., Chatzistratis D., Chalazas Th., **Hasiotis T.**, Velegrakis A., Monioudis E., Mettas C., Koutsantonaki C., (2023). An example of a detailed beach inventory at an island scale: the case of Chios, Greece. 18<sup>th</sup> International Conference on Environmental Science and Technology, Athens 30 Aug. to 2 Sept. 2023, <https://doi.org/10.30955/gnc2023.00299>.
- C.81. Chatzipavlis A., Andreadis O., Psarros F., **Hasiotis T.**, Velegrakis A., Evagorou E., Loizidi M., Chrysostomou G., (2023). Morphological changes recorded from an automated beach optical monitoring system in a highly touristic pocket beach, Coral Bay, Pegaia, Cyprus. 18<sup>th</sup> International Conference on Environmental Science and Technology, Athens 30 Aug. to 2 Sept. 2023, <https://doi.org/10.30955/gnc2023.00298>.
- C.82. Gkaifyllia A., Sahtouris S., Dordevic N., Papasarafricanou S., Monioudi I., Tzoraki O., **Hasiotis T.**, (2023). Coastal zone vulnerability analysis in East Mediterranean basin: Greece, Cyprus and Montenegro. 18<sup>th</sup> International Conference on Environmental Science and Technology, Athens 30 Aug. to 2 Sept. 2023, <https://doi.org/10.30955/gnc2023.00511>.
- C.83. Monioudi I., Chatzipavlis A., Nikolaou A., Velegrakis A., **Hasiotis T.**, (2023). Exploring beach visitors' willingness to pay for protecting island beaches from erosion: the case of Marmari beach in Kos, Greece. 18<sup>th</sup> International Conference on Environmental Science and Technology, Athens 30 Aug. to 2 Sept. 2023, <https://doi.org/10.30955/gnc2023.00478>.
- C.84. Lioupa V., **Hasiotis T.**, Petsimeris I., Poulos A. Andreadis O., Manoutsoglou E., (2023). Isolated small depressions in shallow waters: common and odd structures with challenging formation mechanisms. 5th Euro-Mediterranean Conference for Environmental Integration, 2-5 October 2023, Rende (Cosenza), Italy (in press).
- C.85. Tzafaridi V., Petsimeris I., Hasiotis T. (2024). Evaluation of habitat distribution and human imprints around an insular open-pit, Gyalí Island, Southeast Aegean Sea. Proc. SPIE 13212, Tenth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2024), 1321208; <https://doi.org/10.1117/12.3034785>.
- C.86. Karsiotis P., Lioupa V., **Hasiotis T.**, Andreadis O. (2024). Enhancing Bathymetric Position Index (BPI): A key-solution for benthic habitat mapping in areas of complex micro-relief. Hydromedit 2024 (5<sup>th</sup> International Congress on Applied Ichthyology, Oceanography & Aquatic Environment), 30 May – 2 June, Mytilene, Greece, Book of proceedings, 282-286.
- C.87. Tzafaridi M. V. \*, Petsimeris I., Oikonomou A., **Hasiotis T.**, Andreadis O., Poulos A. (2024). Marine habitat mapping and shallow geomorphology around Gyalí Island. Hydromedit 2024 (5<sup>th</sup> International Congress on

- Applied Ichthyology, Oceanography & Aquatic Environment), 30 May – 2 June, Mytilene, Greece, Book of proceedings, 292-296.
- C.88. Oikonomou A., **Hasiotis T.**, Petsimeris I., Poulos, A., Andreadis O., Manoutsoglou E., Lioupa V. (2024). Seabed morphology and habitat distribution in Moudros Bay (Greece) using a hydro-acoustic and ground-truthing dataset. Hydromedit 2024 (5<sup>th</sup> International Congress on Applied Ichthyology, Oceanography & Aquatic Environment), 30 May – 2 June, Mytilene, Greece, Book of proceedings, 297-301.
- C.89. **Hasiotis T.**, Petsimeris I., Chtouris N.K., Andreadis O., Velegrakis A., and Mettas C., (2024). Marine sand borrows in western Cyprus: Distribution and potential prospects. In: Phillips, M.R. Al-Naemi, S., and Duarte, C.M. (eds.), *Coastlines under Global Change: Proceedings from the International Coastal Symposium (ICS) 2024 (Doha, Qatar)*. Journal of Coastal Research, Special Issue No. 113, pp. 80-84, Charlotte (North Carolina), ISSN 0749-0208.
- C.90. Manoutsoglou E., Lioupa, V., and **Hasiotis T.**, (2024). Geomorphological patterns of modern and buried reefs in two insular land-locked embayments (Lesvos Island, Greece): A comparative study. In: Phillips, M.R. Al-Naemi, S., and Duarte, C.M. (eds.), *Coastlines under Global Change: Proceedings from the International Coastal Symposium (ICS) 2024 (Doha, Qatar)*. Journal of Coastal Research, Special Issue No. 113, pp. 732-736, Charlotte (North Carolina), ISSN 0749-0208.
- D.91. Christofi D., Mettas C., Evagorou E., Hadjimitsis D., Kountouri J., Chatzipavlis A., **Hasiotis T.**, (2024). An insight review of coastal erosion and shoreline detection in the Mediterranean. 2024 IEEE International Geosciences and Remote Sensing Symposium (IGARSS 2024), 7-12 July, Athens, Greece, pp. 3655-3658. <https://doi.org/10.1109/igarss53475.2024.10641973>.
- C.92. Gkaifyllia A., **Hasiotis, T.** and Tzoraki O., (2025). Vulnerability of coastal heritage in the context of climate adaptation: a review. In Proceedings of the 8th International Electronic Conference on Water Sciences, 14-16 October 2024, Environ. Earth Sci. Proc., 32, 14, <https://doi.org/10.3390/eesp2025032014>.
- \*C.93. Lioupa V., Petsimeris I., Karsiotis P., Papavasileiou F., Poulos A., Andreadis O., Manoutsoglou E., **Hasiotis T.**, (2025). Sensing underwater landscape off coastal cities: Implications for better management strategies. Proc. SPIE 13212, Eleventh International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2025), Proc. of SPIE, 1381602, <https://doi.org/10.1117/12.3072401>.

#### **D. Abstracts in International and Greek Conferences (volume proceedings)**

- D.01. 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.
- D.02. 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.
- D.3. Papatheodorou, G., **Hasiotis, T.** and Ferentinos, G., (1997). Gases in the sediments of Amvrakikos Gulf and their effect in biologic productivity. 2<sup>nd</sup> Congress for the protection and development of the Amvrakikos Gulf, Arta 11-13 June.
- D.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 3<sup>rd</sup> Symposium of Archaeometry, Athens 6-9 November 1996, pp. 11-12.
- D.05. 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.
- D.06. 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.
- D.07. 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.
- D.08. **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.

- D.09. **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.
- D.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.
- D.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.
- D.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.
- D.13. **Hasiotis, T.**, Stefatos, A., Charalampakis, M. and Ferentinos, G., (2004). Application of underwater acoustic-mapping techniques in decision making during offshore site surveys. Πρακτικά συνεδρίου “Ακουστική 2004”, 27-28 Σεπτεμβρίου, Θεσσαλονίκη.
- D.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.
- D.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.
- D.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.
- D.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.
- D.18. **Hasiotis, T.** and Velegrakis A., (2007). Preliminary results of biogenic mounds morphology in the Kalloni Gulf, Lesbos Island. 25th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Patras 4-7th September, p. 90.
- D.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.
- D.20. Martsouka, F. and **Hasiotis T.**, (2009). Anthropogenic influence on the coastal sedimentation processes in SE Lesbos island, Greece. 27th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Alghero (Italy), September, p. 266.
- D.21. Tsiridis, L. and **Hasiotis T.**, (2009). Benthic foraminifera in the coastal zone of SE Lesbos, NE Aegean Sea. 27th IAS (International Association of Sedimentologists) Meeting of Sedimentology, Alghero (Italy), September, p. 706.
- D.22. **Hasiotis, T.**, (2010): Morphology and sedimentation processes in the Rio-Antirrio Strait, Central Greece. 18<sup>th</sup> International Sedimentological Congress, 26 September - 1 October 2010, Mendoza, Argentina, p. 420.

- D.23. **Hasiotis, T.**, Andrinopoulos, A. & Velegrakis, A., (2010): Acoustic anomalies and related morphological features in the Kalloni Gulf, Lesvos, Greece. 18<sup>th</sup> International Sedimentological Congress, 26 September - 1 October 2010, Mendoza, Argentina, p. 421.
- D.24. **Hasiotis, T.** and Charalampakis M., (2010): Geomorphological Evidence of Bottom-Water Dynamics in the Kaireas Strait, Cyclades, Greece. Seventh International Symposium On the Eastern Mediterranean Geology, 18 – 22 October 2010 in Adana, Turkey, p. 77.
- D.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).
- D.26. F. Papakosta, **T. Hasiotis**, A. Paleokrassas, (2012). Post glacial hummocky biogenic (coralline algae) formations in South Cyclades, Greece. 5<sup>th</sup> International Symposium on Deep-Sea Corals, Amsterdam, the Netherlands, 1-6 April, p. 206.
- D.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. 40<sup>th</sup> CIESM Congress, Marseill-France, 28 Oct. to 1 Nov., pp. 610.
- D.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 aggregate deposits in the Afantou Bay (Rhodes Island, Greece). 40<sup>th</sup> CIESM Congress, Marseill-France, 28 Oct. to 1 Nov., pp. 87.
- D.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. 40<sup>th</sup> CIESM Congress, Marseill-France, 28 Oct. to 1 Nov., pp. 690.
- D.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. 40<sup>th</sup> CIESM Congress, Marseill-France, 28 Oct. to 1 Nov., pp. 808.
- D.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., pp. 51-52.
- D.32. Nasras, S., Andreadis, O., **Hasiotis, T.**, Psarros, F., Velegrakis, A.F., (2014). Spatio-temporal micro-morphological changes in the inshore part of Eresos beach, Lesvos, Greece. 19<sup>th</sup> International Sedimentological Congress, 18 – 22 August 2014, Geneva, Switzerland, p. 520.
- D.33. Velegrakis, A.F., Monioudi, I.N., Chatzipavlis, A., Hatzopoulos, J.N., **Hasiotis, T.**, Andreadis, O., Psarros, F., Rigos, A., Vousedoukas, M.I., Lekkas, D., Ghionis, G., Peduzzi, P. and Chatenoux, B. (2014). Development of a new methodology for the estimation of beach vulnerability to sea level rise - an application to the Aegean Sea. 19<sup>th</sup> International Sedimentological Congress, 18 – 22 August 2014, Geneva, Switzerland, p. 712.
- D.34. **Hasiotis, T.**, Kapsimalis, V., Rousakis, G. and Tsoutsia, A., (2014). Surveying for marine aggregates in the Aegean Sea. Coastal Landscapes, Mining Activities & Preservation of Cultural Heritage, 17-20 September 2014, Milos Island, Greece, pp. 39-40.
- D.35. Tsoutsia, A., Karditsa, A., Petrakis, S., Anastasatou, M., Kapsimalis, V., Rousakis, G., Koukounari, I., Aspiotis, K., **Hasiotis, T.**, Velegrakis, A., Papavlassopoulou, N., Stamatakis, M., Poulos, S., (2014). Contrasting marine aggregate environments in the South Aegean Sea. Coastal Landscapes, Mining Activities & Preservation of Cultural Heritage, 17-20 September 2014, Milos Island, Greece, p. 155-156.
- D.36. Ευαγγελόπουλος, Α., Αραμπάνου, Μ., Κατσιάρας, Ν., Μαϊδανού, Μ., **Χασιώτης, Θ.**, Κουτσούμπας, Δ., (2014). Πρότυπα δομής και ποικιλότητας των συναθροίσεων της βενθικής μακροπανίδας κινητού υποστρώματος στον όρμο Αφάντου της Ρόδου. 7<sup>ο</sup> Πανελλήνιο Συνέδριο Οικολογίας, Μυτιλήνη, 9-12 Οκτωβρίου, 2014, σελ. 197.
- D.37. Tsoutsia, A., Karditsa, A., Roussakis, G., Kapsimalis, V., **Hasiotis, T.**, Panagiotopoulos, I., Poulos, S. and Stamatakis, M., (2014). Submarine areas with potential marine aggregate deposits in Greece. Proceedings of the 1<sup>st</sup> International Geo-Cultural Symposium “Kaldera 2014”, 6-8 June, Santorini, Greece, p. 30.



- D.38. Constantinides A., **Hasiotis, T.** and Paleokrassas, A., (2014). High resolution evidence of a Late Pleistocene – Holocene channeled and eroded seafloor in the Northeastern Aegean Shelf. 10<sup>th</sup> International Congress of the Hellenic Geographical Society, Conference Proceedings, pp. 417-419.
- D.39. Psarros, F., Monioudi, I., Andreadis, O., **Hasiotis, T.**, Velegrakis, A., Hatzipavlis, A., Trygonis, V. and Dimitriadis, C., (2015). Evaluation of climate change impacts on the sea-turtle nesting beaches of Zakynthos National Marine Park, Greece. 3<sup>rd</sup> International Symposium “Effects of climate change on the world’s ocean”. March 21-27 2015, Santos, Brazil, pp. 163.
- D.40. Andreadis, O., **Hasiotis, T.**, Psarros F., Chatzipavlis, A., Trygonis, V. and Velegrakis, A.F. (2016). Monitoring of shallow coastal morphodynamic changes in a touristic beach of Lesvos isl., Greece. 4<sup>th</sup> International Conference on Remote Sensing and Geoinformation of Environment (RSCy2016), April 4-8, 2016, Paphos, Cyprus, astr. 03-224, pp. 16.
- D.41. Panagou, Th., **Hasiotis, T.**, Velegrakis, A.F. and Oikonomou, E. (2016). Coastal cliff erosion monitoring applying terrestrial laser scanning in Zakynthos Island, Greece. 4<sup>th</sup> International Conference on Remote Sensing and Geoinformation of Environment (RSCy2016), April 4-8, 2016, Paphos, Cyprus, astr. 09-279, pp. 81.
- D.42. Psarros, F., Panagou, Th., Monioudi, I., Trygonis, V., **Hasiotis, T.**, Velegrakis, A., and Dimitriadis, Ch., (2016). Modern methodological tools for studying climate change impacts in a protected area (Gerakas nesting beach, Zakynthos Island, Greece). ISISA Islands of the World XIV Conference, 23-27 May 2016, Mytilene, Lesvos Island, Greece, pp. 76.
- D.43. Monioudi, I., Chatzipavlis, A., Psarros, F., Rigos, A., Andreadis, O., **Hasiotis, T.**, Velegrakis, A.F. (2016). Evaluation of beach erosion risk of the Aegean Archipelago islands. ISISA Islands of the World XIV Conference, 23-27 May 2016, Mytilene, Lesvos Island, Greece, pp. 79.
- D.44. Mazaris, A.D., **Hasiotis, T.**, Benos-Palmer, T. and Dimitriadis C., (2016). Scientific Monitoring Programme for nesting of the Loggerhead Sea Turtle *Caretta caretta* in the area of N.M.P.Z. (Laganas Bay). In Proceedings of the International Symposium “Marine protected areas in Greece & the Mediterranean: Designing for the future by applying lessons learnt from the past” (Ed.: Dimitriadis C., et al), 4-6 December 2015, Zakynthos, Greece, pp. 8-9, ISBN: 978-618-82532-1-6.
- D.45. **Hasiotis, T.**, Panagou, T., Karambas, T., Velegrakis, A., Andreadis, O. and Oikonomou, E., (2016). Modern Methodological Tools for the Study of Erosion in the Coastal Cliff of Gerakas Beach. In Proceedings of the International Symposium “Marine protected areas in Greece & the Mediterranean: Designing for the future by applying lessons learnt from the past” (Ed.: Dimitriadis C., et al), 4-6 December 2015, Zakynthos, Greece, pp. 10-11, ISBN: 978-618-82532-1-6.
- D.46. Katsanevakis, S., Buhl-Mortensen, L., Giakoumi, S., Gonzalez-Mirelis, G., **Hasiotis, T.**, Kavadas, S., Karachle, P.K., Koutsoubas, D., Panayotidis, P., Papadopoulos, E., Topouzelis, K., Vassilopoulou, V. and Velegrakis, A., (2016). MARISCA: Marine spatial planning in the Aegean Sea for the protection and conservation of biodiversity. In Proceedings of the International Symposium “Marine protected areas in Greece & the Mediterranean: Designing for the future by applying lessons learnt from the past” (Ed.: Dimitriadis C., et al), 4-6 December 2015, Zakynthos, Greece, pp. 28, ISBN: 978-618-82532-1-6.
- D.47. Velegrakis, A. F., Trygonis, V., Monioudi, I., Vousedoukas, M. I., Ghionis, G., Karambas, T., Andreadis, O., Psarros, F., **Hasiotis, T.**, Poulos, S., Chatzipavlis, A. and Karditsa, A., (2016). Climate Variability and Change (CV & MC) impacts on beaches: A new methodological approach focusing on a loggerhead sea turtle nesting beach (Gerakas, National Marine Park of Zakynthos). In Proceedings of the International Symposium “Marine protected areas in Greece & the Mediterranean: Designing for the future by applying lessons learnt from the past” (Ed.: Dimitriadis C., et al), 4-6 December 2015, Zakynthos, Greece, pp. 53-54, ISBN: 978-618-82532-1-6.
- D.48. Manoutsoglou, E., **Hasiotis, T.** and A. Velegrakis, A., (2016). Micro-reef morphology in the semi-enclosed shallow embayments of Lesvos Island, NE Aegean Sea, Greece. 41<sup>st</sup> CIESM Congress Proceedings, Kiel-Germany, 12-16 Sept., pp. 46.
- D.49. Velegrakis, A., Andreadis, O., Papakonstantinou, A., Manoutsoglou, E., Doukari, M., **Hasiotis, T.**, Topouzelis, K. and Katsanevakis, S., (2016). Preliminary study on the emerging marine litter problem along the eastern coast of Lesvos. 41<sup>st</sup> CIESM Congress Proceedings, Kiel-Germany, 12-16 Sept., pp. 536.

- D.50. Sini, M., Topouzelis, K., Koukourouvli, N., Zotou, M., Katsanevakis, S., Andreadis, O., Dailianis, Th., Damalas, D., Dendrinis, P., Fratzis, A., Gerovasileiou, V., Giakoumi, S., **Hasiotis, T.**, Karachle, P., Kavadas, S., Kavroudakis, D., Koutsoubas, D., Maina, I., Manoutsoglou, E., Markantonatou, V., Mazaris, A., Panayotidis, P., Papakonstantinou, A., Ragkousis, M., Salomidi, M., Vassilopoulou, V., Velegrakis, A. (2016). Mapping of ecological features for the protection and conservation of marine biodiversity in the Aegean Sea: the MARISCA project. 51<sup>st</sup> European Marine Biology Symposium (EMBS), Rhodes, 26-30 Sept. 2016, pp 59.
- D.51. Katsanevakis, V. Vasilopoulou, K. Topouzelis, P. Karachle, D. Koutsoubas, S. Giakoumi, E. Papadopoulos, L., Buhl Mortensen, G., Gonzalez-Mirelis, M. Sini, N. Koukourouvli, M. Maniopoulou, **T. Hasiotis**, V. Markantonatou, E. Manoutsoglou, A. Papakonstantinou, D. Petza, V. Gerovasileiou, Th. Dailianis, M. Zotou, O. Andreadis, S. Kavadas, I. Maina, A. Kokkali, P. Panagiotides, A. Velegrakis, (2016). MARISCA: Marine spatial planning in the Aegean Sea for the preservation and protection of biodiversity. 16<sup>th</sup> Hellenic Congress of Ichthyologists, Kavala 10<sup>th</sup>-13<sup>th</sup> of October, pp. 501-504.
- D.52. Anastasatou M., Tsoutsia A., Petrakis S., Rousakis G., Karditsa A., **Hasiotis T.**, Kapsimalis V., Poulos S., Stamatakis M. (2017). Is Kissamos Bay in NW Crete, Greece worth to be exploited as a marine aggregates deposit? An integrated approach. EGU General Assembly 2017, Geoph. Res. Abstr., vol. 19.
- D.53. Chatzipavlis A., Trygonis V., Velegrakis A., Tsekouras G., **Hasiotis T.**, Andreadis O., Psarros F., (2018). Modeling beach realignment with neural networks and high frequency observations of shoreline position and nearshore waves data. In: 12th Panhellenic Symposium of Oceanography & Fisheries. Hellenic Centre for Marine Research, Mytilene, Corfu, Greece, 30 May-3 June 2018, p. 161.
- D.54. Manoutsoglou E., Kostopoulos K., **Hasiotis T.**, Velegrakis A., (2018). The subbottom structure of the Gulf of Gera (Lesvos Isl.)-Preliminary results. In: 12th Panhellenic Symposium of Oceanography & Fisheries. Hellenic Centre for Marine Research, Mytilene, Corfu, Greece, 30 May-3 June 2018, p. 88.
- D.55. Oikonomou E., Poulos S., **Hasiotis T.**, Velegrakis A., Andreadis O., (2018). Study case of implementing various empirical satellite derived bathymetry in the Gulf of Kalo Livadi, Mykonos Island, Greece. International Geomatics Applications Conference, 25-29 June, Syros, Greece – Book of abstracts (online), ISSN: 2653-9098, page 89.
- D.56. Evangelinos D., Benetou E., **Hasiotis T.**, Zananiri I., (2022). Late Quaternary sedimentary processes around Lesvos Island (NE Aegean Sea, Greece): preliminary results. In: 26<sup>th</sup> International Congress of the Geological Society of Greece, October 17-19, 2022, Patras, Greece, Ext. Abs GSG2022-206.
- D.57. Poulos A., **Hasiotis, T.**, Missias S., Paleokrassas A., (2022). Evidence of mass transport deposits in the south Serifos slope in western Cyclades, Greece. In: 26<sup>th</sup> International Congress of the Geological Society of Greece, October 17-19, 2022, Patras, Greece, Ext. Abs. GSG2022-209.
- D.58. Lioupa V., Arosio R., Karsiotis P., Andreadis O., **Hasiotis T.** and Wheeler A., (2023). Comparing manual and semi-automated methods for deducing geomorphometric characteristics of miniature biogenic reefs in a shallow land-locked gulf of the Aegean Sea. GEOHAB 2023, 8-12 May 2023, La Reunion Island (Indian Ocean), pp. 97.
- D.59. Christofi D., Mettas C., Evagorou E., Stylianou N., **Hasiotis T.**, Danezis C., Hadjimitsis D., (2024). Shoreline detection resulting in historical beach shapes in Chrysochou Bay, Cyprus. Proc. Tenth International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2024), Paphos 8-9 April 2024, ID 1223.
- \*D.60. Sklavounaki P., Tzafaridi V., **Hasiotis T.**, Missias S., Paleokrassas A., (2025). First record of pockmarks in the North Aegean Trough. In: 17<sup>th</sup> International Congress of the Geological Society of Greece, 28-31 May, 2025, Mytilene, Greece, Ext. Abs. GSG2025.
- \*D.61. Chtouris N. and **Hasiotis T.**, (2025). Classification of High-Frequency Shallow Seismic Profiles Using CPTu and Core Geotechnical Data in the Aegean Sea, Greece. 1st International Online Conference on Marine Science and Engineering (24–26 Nov 2025, online).
- D.62. Makri D., Evagorou E., Christofi D., Hadjimitsis D., **Hasiotis T.**, Kyriakides N., Pallari E., Mettas C., (2026). Mitigating Coastal Erosion and Beach Flooding with Environmentally Friendly Solutions Under Climate Change. Book of Abstracts, 12<sup>th</sup> International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2026), p. 76-77

- \*D.63. Karambas Th, **Hasiotis T.**, Loizidi M., Petsimeris I., (2026). Coral Bay: A test bed for nature-based solutions against beach erosion. Book of Abstracts, 12<sup>th</sup> International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2026), p. 112-113.
- \*D.64. Petsimeris I., **Hasiotis T.**, Karsiotis P., Andreadis O., (2026). Delineation of Geological Basement and Marine Geohazards Using Subbottom Sensing Technology at Kokkari, Samos Isl., Greece. Book of Abstracts, 12<sup>th</sup> International Conference on Remote Sensing and Geoinformation of the Environment (RSCy2026), p. 94.

### **Research Projects**

Since 1988 I have been employed as a marine geophysicist/geologist in a series of industry related projects. I have also participated in a variety of scientific research projects and offshore surveys. I have served duties in a lot of the fields of a marine survey: Consultant marine geophysicist/geologist, science project manager, on site chief scientist, survey planning, offshore data acquisition, offshore data processing, post survey data processing, data analysis and writing technical reports.

### **Project Coordinator (48 projects in the University of the Aegean)**

- **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-Antirio (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).

- **2014:** Monitoring of habitats, plant communities, plant species and geo-environment in the National Marine Park of Zakynthos (Management Agency of the National Marine Park of Zakynthos).
- **2014:** Evaluation of marine geophysical and geotechnical data for the laying and burial of submarine power cables in Cyclades (Ag. Georgios-Lavrio and Tinos-Mykonos-Syros-Paros-Naxos) (Akti Engineering).
- **2015:** Marine geophysical survey for the safe laying of a submarine power cable between Lavrio and Syros (Akti Engineering).
- **2017:** Marine geophysical / geotechnical study for the implementation of the Front End Engineering Design for the LNG Alexandroupolis project (Akti Engineering).
- **2018:** Paleo-coastline and submerged landscape reconstruction offshore south Lesvos Island (HCMR).
- **2018:** Morphological study for the ADMIE submarine link between Paros-Naxos-Mykonos (Akti Engineering).
- **2018:** Marine geophysical survey at Kara-Tepe for the construction of the New Port of Mytilene (D. Papagianni Technical Office).
- **2019:** Marine geophysical and geotechnical study for the laying and burial of submarine power cables (400kV – ADMIE) between Rio-Antirio (Akti Engineering).
- **2019:** Marine geophysical study for the laying of submarine power cables (150kV – ADMIE) between Evia-Andros-Tinos (Akti Engineering).
- **2019:** Testing of a vertical integration approach for the study and adaptation to coastal erosion (MIS 5047143 - European Social Fund- ESF 2014-2020).
- **2019:** Cable route survey for the submarine links with fiber optic cables between Kymi-Skyros, Sifnos-Folegandros and Amorgos-Astypalaia-Kos (Akti Engineering).
- **2019:** ADMIE 150 kV submarine link Crete-Peloponnisos – Inshore survey (Akti Engineering).
- **2019:** Open sea anchorage for stowing petroleum products (Terra Marine).
- **2020:** Desktop study and reconnaissance survey for the power cable link Lavrio-Serifos-Milos (Akti Engineering).
- **2020:** Marine survey for the safe laying and burial of a high voltage power cable between Mantoudi and Skiathos (Akti Engineering).
- **2020:** Nearshore geophysical surveys for ARIADNE ATTICA-CRETE DC Submarine Interconnection (LOT B CABLE) (Akti Engineering).
- **2021:** Marine geophysical and geotechnical study for the Lavrio-Kafireas Transmission Line (150 kV AC submarine power link (Akti Engineering).
- **2021:** Beach erosion due to climate change: evaluation and best mitigation practices in touristic beaches of North Aegean Islands and Cyprus – BEACHTECH (INTERREG V-A Greece-Cyprus 2014-2020).
- **2021:** Attica-Crete Interconnection (Lot A& D) – Geotechnical Desk Top Study (Akti Engineering).
- **2022:** Geophysical survey for the construction of new port infrastructures in Armenistis, Ikaria (Geoapplications Research Company – D. Karamaniolas & Co. E.E.
- **2022:** Geotechnical Survey for the Independent Natural Gas System (INGS-LNG Greece) offshore Alexandroupolis (Akti Engineering).
- **2022:** Survey of the physical conditions-geomorphology of Ag. Efimia port, Kefalonia (Municipality of Sami, Kefalonia).
- **2023:** Marine geophysical and geotechnical survey for the laying of submarine power cables between Kastelorizo-Ro and Kastelorizo-Strongyli (Akti Engineering).
- **2023:** Mapping of marine habitats and biodiversity around Gyalı Island (LAVA S.A.)
- **2024:** Geophysical and geotechnical marine survey for the laying of XLPE 150 kV submarine power cables between Thrace-Limnos, Limnos-Lesvos and Lesvos-Skyros (Akti Engineering).

- **2024:** Offshore geological and geotechnical Desktop Study for fixed-bottom offshore windfarms in regions of Alexandroupoli and Samothraki (Akti Engineering).
- **2024:** Geodatabase construction to support ground models in areas of offshore windfarms development (HEREMA).
- **2025:** Geotechnical analysis of sediment cores for the HEDNO submarine links between Serifos-Sifnos and Serifos-Kythnos (Akti Engineering).
- **2025:** Evaluation of the geologic basement depth based on geophysical investigations in the Kokkari (Samos) fishing shelter (Northern Aegean Region).
- **2025:** Marine geophysical data evaluation for the Energean Prinos CO<sub>2</sub> Storage Development Project (Akti Engineering).
- **2025:** Nature-based solutions for the protection of touristic and ecologically important beaches from flooding and erosion under a changing climate (INTERREG Greece-Cyprus 2021-2027).
- **2025:** Geotechnical analysis of sediment cores along the pipeline for the Energean Prinos CO<sub>2</sub> Storage Development Project (Akti Engineering).
- **2026:** Geophysical Survey for the Feasibility Study of the “Apollo CO<sub>2</sub>” Marine Infrastructures in Revithoussa (Rogan & Associates S.A.).
- **2026:** Sediment core geotechnical analysis for the HEDNO submarine link between Serifos-Sifnos (Χρηματοδότηση: Akti Engineering).

#### **Participant as Senior scientist / researcher**

- **1988-1989:** Peloponnesos and Crete submarine power interconnection (marine survey - 2<sup>nd</sup> phase) (Public Power Corporation of Greece).
- **1990:** Italy – Greece submarine power interconnection (marine survey - 2<sup>nd</sup> phase) (Public Power Corporation of Greece and ENEL-Italy).
- **1990:** Andros isl. – Tinos isl. submarine power interconnection (marine survey - 2<sup>nd</sup> 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 surveys 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 – 2<sup>nd</sup> 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 1<sup>st</sup> 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 (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).
- **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).
- **2013:** Synergy for the sustainable development and safety of the Hellenic Tourist Beaches (BeachTour) (National Strategic Reference Framework (NSRF) 2007-2013 - SYNERGASIA II).
- **2014:** Monitoring of *Caretta caretta* in Laganas Gulf, Zakynthos Island (Management Agency of the National Marine Park of Zakynthos and University of Thessaloniki).
- **2015:** Marine Spatial Planning in the Aegean Sea for the protection and conservation of biodiversity (Marisca) (EEA 2009-2014).
- **2015:** Recording of and Technical Responses to Coastal Erosion of Touristic Aegean Island Beaches (Erabeach) (EEA 2009-2014).
- **2021:** Coastal Environment Observatory and Risk Management in Island Regions (AEGIS+)
- **2021:** A proof-of –concept for the implementation of a European Copernicus coastal Flood Awareness System (ECFAS) (Horizon 2020).
- **2022:** Multiple use of space for Island clean Autonomy (MUSICA) (Horizon 2020).