

Curriculum Vitae

Isavela N. Monioudi



Since 2012 she has been working at the Department of Marine Sciences (DMS) of University of the Aegean as a research fellow in competitive research programs and studies of the Department. She has also teaching experience as an adjunct lecturer of the undergraduate courses (DMS) 'Sediment and Coastal Dynamics' (2017-2022) and 'Coastal Morphodynamics and Engineering' (2019-2022).

Her research focuses on: coastal erosion/flooding and coastal morphodynamics/engineering (with emphasis on development/application of tools/models); coastal sediment transport and hydrodynamics processes; assessing the climate impacts on the natural and socio-economic coastal environment, with particular emphasis on the resilience of beaches (the foundation of 3S tourism), the connected transport infrastructure (e.g. ports, airports) and coastal assets to environmental pressures, climate change and climate extremes; coastal zone and touristic beach management.

She has developed international collaborations with various Research and Academic Institutions (e.g., EC-JRC ISPRA, Universities of Rhode Island and USVI (USA), WASEDA University (Japan), University of West Indies (Jamaica) and the University of Geneva (Switzerland)). She has served as scientific advisor/expert for the United Nations (UNCTAD) in the SIDSport-ClimateAdapt project and for UNEP-MAP. She authored /co-authored more than 50 scientific publications (>40 in international journals and conferences) and more than 15 technical reports.

Contact information

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EDUCATION

- 2011: **Ph.D.** in "Coastal Morphodynamics", University of the Aegean. PhD thesis: "Integrated estimation of coastal erosion due to sea level rise". Grade: Excellent.
- 2006: **MEng** in "Water Resources Science and Technology (Coastal Zone Management)", Department of Civil Engineering, National Technical University of Athens. Grade: 7.92/10.00.
- 2004: **BSc** in "Marine Sciences", Department of Marine Sciences, School of Environment, University of the Aegean. Grade: 7.83/10.00.

TEACHING EXPERIENCE

- 2/2017- 6/2018: **Adjunct Lecturer**, teaching (lectures, notes, grading) the undergraduate course "Sediment Dynamics" of the Department of Marine Sciences (University of the Aegean).
- 2019-2022: **Adjunct Lecturer**, teaching (lectures, laboratory sessions in programming environment, notes, grading) the undergraduate courses "Coastal Morphodynamics and Engineering" and "Sediment and Coastal Dynamics" of the Department of Marine Sciences (University of the Aegean).
- 2016-2017: **Teaching Assistant**, teaching (lectures, laboratory sessions in programming environment, notes, grading) part of the postgraduate courses "Coastal Zone Management" and "Coastal Geo-Hazards" of the Department of Marine Sciences (University of the Aegean).
- 2012-2017: **Teaching Assistant**, teaching (lectures, notes, laboratory sessions in programming environment, grading) part of the "Coastal Engineering" Course in the Department of Marine Sciences (University of the Aegean).

PROFESSIONAL/RESEARCH EXPERIENCE

- 3/2021-present: **Principal investigator** of the research project "MARICC: Methodological framework for the Assessment and monitoring of the erosion Risk of touristic Island beaches under Climate Change". (<https://maricc.gr/>)
- 2017-present: **Post-doc** at the Department of Marine Sciences (University of the Aegean)
Subject: "*Coastal flood risk assessment due to climate change and extreme events*"
- 2012-2017: **Research Fellow** in research projects/studies of the Department of Marine Sciences (University of the Aegean).
- 10/2016-2/2018: **Consultant for the United Nations** (United Nations Conference on Trade and Development). Participation in the Project "Climate change impacts on coastal transport infrastructure in the Caribbean: Enhancing the adaptive capacity of Small Island Developing States (SIDS)" (implemented by the United Nations Conference on Trade and Development (UNCTAD)) funded under the UN Development Account (UNDA project 14150) (2016-2018). <https://sidsport-climateadapt.unctad.org/>".

Research interest and experience

- Coastal morphodynamics/engineering, sediment dynamics, coastal processes of sediment transport, coastal hydrodynamic
- Development/use of numerical models/tools concerning coastal morphodynamics and engineering
- Estimation of beach erosion/flooding risk
- Management, design/costing of coastal protection works (e.g. beach nourishment)
- Coastal zone and touristic beach management.
- Climate change and extreme events, evaluation of the impacts on transport infrastructure (e.g. ports, airports), coastal assets and coastal environments
- Collection/analysis of field data (topographic, meteorological, hydrodynamic and sediment dynamic data)
- Experience in multi-criteria methods (e.g. AHP, TOPSIS, PROMETHEE) combining natural and socio-economic data.

RESEARCH PROJECTS

- 2021 – present: MARICC: Methodological framework for the Assessment and monitoring of the erosion Risk of touristic Island beaches under Climate Change. Funding: H.F.R.I - Hellenic Foundation for Research and innovation. (**Principal Investigator**)
- 2024 – present: AdaptPorts: Strategic Action for Climate Change Mitigation and Adaptation in Ports. Funded by the Green Fund of the Greek Ministry of Environment and Energy
- 2023 – present: ResPorts: Strengthening resilience for Greek ports. Funded by the Green Fund of the Greek Ministry of Environment and Energy
- 2016 – 2018 SIDSport-ClimateAdapt: Climate change impacts on coastal transport infrastructure in the Caribbean: Enhancing the adaptive capacity of Small Island Developing States (SIDS) (implemented by UNCTAD) funded under the UN Development Account (UNDA project 14150)
Consultant: *Study on the criticality of international transport infrastructure (e.g. ports, airports) in Saint Lucia and assessment of their vulnerability. Assessment of the vulnerability of the coastal zones of Saint Lucia to climate change and climate extreme events. Principal author of the technical report of the national study on Saint Lucia.*
- 2016- 2017 ERABEACH: Recording of and Technical Responses to Coastal Erosion of Touristic Aegean island beaches, Funding EEA Financial Mechanism and from funds of the Greek Public Investment Programme.
- 2014-2015 BEACHTOUR: Synergy for the sustainable development and safety of the Hellenic Tourist Beaches, Funding ESPA - Action SYNERGASIA II
- 2012- 2015 THALES – ISLA: Physical and economic impacts of sea level rise in the Greek Archipelago (ISLA), Funding ESPA.
- 11-12/2014 Monitoring of Caretta caretta nesting in Laganas Bay, Assigned by the Management Agency of the National Marine Park of Zakynthos.
- 2012-2014 Development of new methodologies to quantify and respond to the impacts of climate change along the eastern coast of Crete (AKTAIA). Funding ESPA - Action SYNERGASIA I.

- 10/2012-5/2013 Evaluation of climate change impacts on the sea-turtle nesting beaches of the National Marine Park of Zakynthos Protected Area, Assigned by the Management Agency of the National Marine Park of Zakynthos.
- 3/2012-7/2012 Beach Nourishment Investigation of the Beach Tsamakia, Mytilene, Assigned by the Municipality of Lesvos.

INTERNATIONAL COLLABORATIONS

UNCTAD, UNEP-MAP, EC-JRC ISPRA, University of Rhode Island and USVI (USA), WASEDA University (Japan), University of West Indies (Jamaica) and University of Geneva.

SCHOLARSHIPS/GRANTS

- Scholarship from the State Scholarship Foundation for the Excellent Academic Performance in her studies during the academic year 2000-2001.
- PhD Grant within the framework of the “Reinforcement Programme of Human Research Manpower” (PENED), co-financed by National and Community Funds (2006-2009).

LANGUAGES

Greek	Native
English	Proficient user
French	Independent user

COMPUTER SKILLS/SCIENTIFIC SOFTWARE

Matlab	Proficient user
Fortran	Proficient user
GIS	Knowledge of Geographic Informational Systems (GIS) / ArcGIS package.
MS Windows	Experienced user of MS Windows operating systems

ADDITIONAL SKILLS

- Organisational / managerial skills that were acquired under the successful management/ administrative support of 3 European research projects (BEACH TOUR, Thalys-ISLA, AKTAIA, see above). (My duties included: Administrative/secretarial support services; Preparation of technical bulletins, progress reports, contracts, budgets, payment orders (salaries, consumables, travels etc.); Managing and maintaining budgets; Organization of meetings and keeping of proceedings; Assistance in the development of promotional material including website, brochures etc).

LECTURES/SPEECHES AS AN INVITED SPEAKER

- CIESM Workshop 52 on Intensification of marine hazards & coastal vulnerabilities in the broad Mediterranean region (4-7 December 2023, Istanbul, Turkey)
- Three-day training seminar on the adaptation of the North Aegean Region to climate change organized by the North Aegean Region and the Green Fund within the framework of the integrated project LIFE-IP AdaptInGR (5-7 July 2023, Chios, Greece)
- UNCTAD Regional Workshop: "Climate change impacts and adaptation for coastal transport infrastructure in the Caribbean", Barbados, 5-7 December 2017
- UNCTAD National Workshop Jamaica "Climate change impacts and adaptation for coastal transport infrastructure in Caribbean SIDS", 30 May – 1 June 2017
- UNCTAD National Workshop Saint Lucia "Climate change impacts and adaptation for coastal transport infrastructure in Caribbean SIDS", 24 – 26 May 2017

- 2nd annual meeting of the project "THALIS-CCSEAWAVS" (Lesvos Island, Greece, 5th - 6th February, 2014) and
- MEDCOAST JUBILEE WORKSHOP "Integrated Coastal Management in the Mediterranean, Black and Caspian Seas" (27-29 May 2015, Sarigerme, Dalaman, Turkey).
- summer school "Open GIS Symposium and Summer School 2015", Crete, 24-30 July, 2015.

OTHER RELEVANT INFORMATION

- **Reviewer in scientific journals:** Natural Hazards and Earth System Sciences and Anthropocene Coasts
- The publication «**Monioudi I.N.**, Asariotis R., et al., (2018) Climate change impacts on critical international transportation assets of Caribbean Small Island Developing States (SIDS): The case of Jamaica and Saint Lucia. *Regional Environmental Change*» is cited in the Chapters 4 and 5 of the IPCC report: "IPCC Special Report on the Ocean and Cryosphere in a Changing Climate".
- The publication «Allenbach, K., Garonna, I., Herold, C., **Monioudi, I.**, Giuliani, G., Lehmann, A., Velegrakis, A. (2015) Black Sea beaches vulnerability to sea level rise. Special issue in *Environmental Science and Policy*, 46, 95-109» was selected to be highlighted in an article of the Science for Environment Policy: A service from the European Commission. (https://ec.europa.eu/environment/integration/research/newsalert/pdf/beach_database_could_help_protect_black_sea_shorelines_408na3_en.pdf)

PUBLICATIONS

1. International peer reviewed journals

- [1.1] Gkaifyllia, A., Papasarafianou, S, Chatzipavlis, A.E., Đorđević, N., **Monioudi I.N.**, Tzoraki, O., Hasiotis Th. (submitted) Interaction between coastal socioeconomic and environmental activities for integrated management: case study East Mediterranean (Greece, Cyprus and Montenegro)
- [1.2] Karditsa A., Niavis S., Paramana T., **Monioudi I.**, Poulos S. and Hatzaki M. (under review) Is the insular coastal tourism of Western Greece at risk due to climate induced sea level rise?, *Ocean and Coastal Management*. Available at SSRN: <https://ssrn.com/abstract=4551185> or <http://dx.doi.org/10.2139/ssrn.4551185>
- [1.3] Kontopyrakis, K.E., Velegrakis, A.F., **Monioudi I.N.** Čulibrk A. (2024) Prioritizing environmental policies in Greek coastal municipalities. *Anthropocene Coasts* 7, 1. <https://doi.org/10.1007/s44218-023-00035-5>
- [1.4] Chalazas T., Bove G., Chatzistratis D., **Monioudi I.N.**, Velegrakis A. (2023) A system for the management of sandy shorelines under climate change: United States Virgin Islands (USVI), *Ambio: A Journal of Environment and Society*. <https://doi.org/10.1007/s13280-023-01946-w>
- [1.5] **Monioudi I.N.**, Velegrakis A.F., Chatzistratis D., Vousdoukas M.I., Savva C., Wang D., Bove G., Mentaschi L., Paprotny D., Morales-Nápoles O., Chatzipavlis A.E., Hasiotis T., Manoutsoglou E. (2023) Climate change - induced hazards on touristic island beaches: Cyprus, Eastern Mediterranean, *Frontiers in Marine Science* 10: 1188896. <https://doi.org/10.3389/fmars.2023.1188896>
- [1.6] **Monioudi I.N.** and Velegrakis A.F. (2022) Beach Carrying Capacity at Touristic 3S Destinations: Its Significance, Projected Decreases and Adaptation Options under Climate Change, *Journal of Tourism & Hospitality*, 11:500. DOI: 10.35248/2167-0269.22.11.500.
- [1.7] 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, *J. Mar. Sci. Eng.*, 9(8), 859. <https://doi.org/10.3390/jmse9080859>
- [1.8] **Monioudi I.N.**, Asariotis R., Becker A., Bhat C., Dowding-Gooden D. Esteban M., Mentaschi L., Nikolaou A., Nurse L., Phillips W., Satoh M., Smith D, Trotz U., Velegrakis A.F., Voukouvalas E., Vousdoukas M.I., Witkop R. (2018) Climate change impacts on critical international transportation assets of Caribbean Small Island Developing States (SIDS): The case of Jamaica and Saint Lucia. *Regional Environmental Change*. <https://doi.org/10.1007/s10113-018-1360-4>.
- [1.9] Tzoraki O., **Monioudi I.N.**, Velegrakis A.F., Moutafis N., Pavlogeorgatos G., Kitsiou D. (2018) Resilience of Touristic Island Beaches Under Sea Level Rise: A Methodological Framework, *Coastal Management*, 46:2, 78-102. <https://doi.org/10.1080/08920753.2018.1426376>.

- [1.10] **Monioudi I.N.**, Velegrakis A.F., Chatzipavlis A., et al., (2017) Assessment of island beach erosion due to sea level rise: The case of the Aegean Archipelago (Eastern Mediterranean). *Natural Hazards and Earth System Science* 17, 449–466. <https://doi.org/10.5194/nhess-17-449-2017>
- [1.11] **Monioudi, I.N.**, Karditsa, A., Chatzipavlis, A., Alexandrakis, G., Andreadis, O.P., Velegrakis, A.F., Poulos, S.E., Ghionis, G., Petrakis, S., Sifnioti, D., Hasiotis, Th., Lipakis, M., Kampanis, N., Karambas, Th., Marinou, E. (2016) Assessment of the vulnerability of the eastern Cretan beaches (Greece) to sea level rise. *Regional Environmental Change* 16, 1951–1962. <https://doi.org/10.1007/s10113-014-0730-9>
- [1.12] Allenbach, K., Garonna, I., Herold, C., **Monioudi, I.**, Giuliani, G., Lehmann, A., Velegrakis, A. (2015) Black Sea beaches vulnerability to sea level rise. Special issue in *Environmental Science and Policy*, 46, 95-109. <https://doi.org/10.1016/j.envsci.2014.07.014>.
- [1.13] Velegrakis, A.F., Trygonis, V., Chatzipavlis, A.E., Karambas, Th., Vousdoukas, M.I., Ghionis, G., **Monioudi I.N.**, Hasiotis, Th., Andreadis, O. and Psarros, F. (2016) Shoreline variability of an urban beach fronted by a beachrock reef from video imagery, *Natural Hazards* 83, S201–S222. <https://doi.org/10.1007/s11069-016-2415-9>.

2. Chapters in international books

- [2.1] Velegrakis A.F., **Monioudi I.N.**, Tzoraki O., Vousdoukas M., Tragou E., Hasiotis Th., 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 in Greece*. World Regional Geography Book Series, Springer. <https://link.springer.com/book/9783031298189>
- [2.2] Chatzistratis, D., **Monioudi, I.N.**, Velegrakis, A.F., Chalazas, Th., Tragou, E. (submitted) Exposure to coastal erosion and flooding in the Northeastern Aegean islands, Greece In: [F. Briand, ed.] *Marine hazards, coastal vulnerability and risk (mis)perceptions – a Mediterranean perspective*, CIESM Workshop Monograph n° 52, CIESM Publisher, Istanbul

3A. International scientific conferences with proceedings (Full manuscript)

- [3A.1] **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>
- [3A.2] **Monioudi I.N.**, Andreadis O.P., Chatzistratis D., Chalazas Th., Hasiotis T., Velegrakis A.F., Monioudis E.N., Mettas C., Koutsantonaki CH. (2023) An Example of a Detailed Beach Inventory at an Island Scale: The Case of Chios, Greece. In *proceedings of 'CEST2023: 18th International Conference on Environmental Science and Technology'*, 30 August to 2 September 2023, Athens, Greece. <https://doi.org/10.30955/gnc2023.00299>
- [3A.3] **Monioudi I.N.**, Chatzipavlis A.E., Nikolaou A., Velegrakis A.F., Hasiotis T. (2023) Exploring beach visitors' willingness to pay for protecting island beaches from erosion: The case of Marmari beach in Kos, Greece. In *proceedings of 'CEST2023: 18th International Conference on Environmental Science and Technology'*, 30 August to 2 September 2023, Athens, Greece. <https://doi.org/10.30955/gnc2023.00478>
- [3A.4] Velegrakis A.F., **Monioudi I.N.**, Vousdoukas M.I., Tzoraki O., Hasiotis T. (2023) Drivers and impacts of beach erosion in Eastern Mediterranean Islands. In *proceedings of 'CEST2023: 18th International Conference on Environmental Science and Technology'*, 30 August to 2 September 2023, Athens, Greece. <https://doi.org/10.30955/gnc2023.00490>
- [3A.5] Chatzipavlis A., **Monioudi I.N.**, Velegrakis A.F., Chalazas T., Chatzistratis D. (2023) Application of a Bioclimatic Index for Evaluating the Attractiveness of Two Highly Touristic Beaches in Santorini and Kos. In *proceedings of 'CEST2023: 18th International Conference on Environmental Science and Technology'*, 30 August to 2 September 2023, Athens, Greece. <https://doi.org/10.30955/gnc2023.00453>
- [3A.6] Velegrakis A.F., Papadatou K., Hasiotis T., **Monioudi I.N.**, Hadjimitsis D., Kontopyrakis K.E. (2023) Coastal flood and erosion risk under climate change: An overview of policies and legislation in Greece and Cyprus. In *proceedings of 'CEST2023: 18th International Conference on Environmental Science and Technology'*, 30 August to 2 September 2023, Athens, Greece. <https://doi.org/10.30955/gnc2023.00477>
- [3A.7] Gkaifyllia A., Sahtouris S., Đorđević N., Papisarafianou S., **Monioudi I.**, Tzoraki O., Hasiotis T. (2023) Coastal Zone Vulnerability Analysis in East Mediterranean Basin: Greece, Cyprus and Montenegro. In

- proceedings of 'CEST2023: 18th International Conference on Environmental Science and Technology', 30 August to 2 September 2023, Athens, Greece. <https://doi.org/10.30955/gnc2023.00511>
- [3A.8] **Monioudi I.N.**, Velegrakis A.F., Vousdoukas M.I., Chatzistratis D. and Chalazas Th. (2022) Coastal hazards under Climate Variability and Change – The case of Santorini and Crete (Aegean sea), *Marine and Inland Waters Research Symposium*, Porto Heli, Argolida, Greece, September 16-20.
- [3A.9] **Monioudi I.N.**, Markozanes F., Velegrakis A.F., Chatzipavlis A.E., Cúlibrk A., Kontopyrakis K.E. (2021) Prioritization of beach vulnerability to sea level rise: The case of Santorini, Greece, *Proceedings of the HydroMediT 2021 - 4th International Conference on Applied Ichthyology, Oceanography & Aquatic Environment*, Mytilene (virtual), Greece, November 4-6, pp. 264-268.
- [3A.10] Andreadis O., Hasiotis T., Manoutsoglou E., Chatzipavlis A., **Monioudi I.**, 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 & Economics*, Thessaloniki, Greece, July 20-24, pp. 659-667.
- [3A.11] **Monioudi I.N.**, Nikolaou A., Asariotis R., Vousdoukas M.I., Velegrakis A.F. (2019) Beach erosion hazard under Climate Variability and Change – The case of Saint Lucia (Eastern Caribbean), *Proceedings of 1st International Conference on Design and Management of Port, Coastal and Offshore Works*, 8-11 May 2019, Athens, Greece, 5p
- [3A.12] Chatzipavlis A.E., Trygonis V., Eleftheriou A., Andreadis O., **Monioudi I.**, Velegrakis A.F. (2019) Automated 2-D wave run-up detection from coastal video imagery. Examples from the islands of Santorini and Mykonos, *Proceedings of 1st International Conference on Design and Management of Port, Coastal and Offshore Works*, 8-11 May 2019, Athens, Greece, 4p
- [3A.13] Tzoraki O., **Monioudi I.**, Tourlioti P., Velegrakis A.F., Krasakopoulou E., Jorda-Capdevila D., Thibault D., Hasiotis Th., Batjakas J., Bakopoulos V., Efstratiou A. (2018) Ecosystem services protocols to assist the coastal zone management – a transdisciplinary dialogue, *Book of proceedings of 3rd International Congress on Applied Ichthyology & Aquatic Environment*, 8-11 November 2018 Volos, Greece, pp. 586-592
- [3A.14] 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, *Book of proceedings of 3rd International Congress on Applied Ichthyology & Aquatic Environment*, 8-11 November 2018 Volos, Greece, pp. 537-541
- [3A.15] Velegrakis A., Hasiotis T., Tzoraki O., Karambas Th., **Monioudi I.**, Trygonis V., Topouzelis K., Chatzipavlis A.E., Aaheim A. and Orlov A. (2017) Recording of and technical responses to coastal erosion of touristic Aegean island beaches – The ERABEACH project, *Proceedings of 15th International Conference on Environmental Science and Technology*, Rhodes, Greece, 31 August to 2 September 2017, No 00707, 5p
- [3A.16] 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 15th International Conference on Environmental Science and Technology*, Rhodes, Greece, 31 August to 2 September 2017, No 00705, 5p. https://santorinimagazine.gr/wp-content/uploads/2020/11/cest2017_00705_Hasiotis.pdf
- [3A.17] Tsanakas K., Poulos S.E. and **Monioudi I.** (2017) Sea level rise impact on the beach zone of Katerini region, NW Aegean Sea, *Proceedings of 15th International Conference on Environmental Science and Technology*, Rhodes, Greece, 31 August to 2 September 2017, No 01282, 5p
- [3A.18] 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 10th International Geographical Congress*, 11pp. <http://geolib.geo.auth.gr/digeo/index.php/pgc/article/view/10439>.
- [3A.19] **Monioudi, I.N.**, Karditsa, A. Alexandrakis, G. Poulos, S.E. Velegrakis, A.F. Andreadis, O.P. Ghionis, G. Petrakis, S. Sifnioti, D. Markakis, E. Giannouli D.I. (2014) Vulnerability assessment of eastern Cretan beaches (Greece) to sea level rise. *International Conference "ADAPTtoCLIMATE"*, Nicosia, Cyprus, 27-28 March 2014, Proceedings, <http://adapttoclimate.uest.gr/index.php/proceedings1>, SESSION IV: Climate change & Coastal areas. http://uest.ntua.gr/adapttoclimate/proceedings/full_paper/Monioudi_et_al.pdf
- [3A.20] Velegrakis, A.F., **Monioudi, I. N.**, Poulos, S.E., Lekkas, D., Hatzopoulos, J.N., Hasiotis, Th., Karambas, Th., Kontogianni, A., Vousdoukas, M.I., Andreadis, O., Rigos, A., Tsekouras, G., Psarros, F., Ghionis, G., Karditsa, A., Chatzipavlis, A., Anastasiadis, S., Kokkoris, G., Petrakis, S., Tsimplis, M.,N., Peduzzi, P., Collins, M.B. (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*

- [3A.21] Chatzipavlis A., **Monioudi I.**, Velegrakis A.F. and Andreadis O. (2012). Case scenario investigation of beach nourishment in Eresos beach, Lesvos, Greece, *In the Proceedings of the 22nd International Offshore and Polar Engineering Conference (ISOPE)*, Rhodes, Greece, 17 -22 June 2012, pp. 1425-1432. (**Scimago=0.363**)
- [3A.22] Velegrakis A.F., Lehmann A., **Monioudi I.**, Giuliani G., Herold C., Allenbach K., De Bono A. and Radchenko I. (2009). Beach Erosion Prediction for the Black Sea coast, due to sea level rise, *9th MEDCOAST Conference* (Sochi, Russia, 10-14 Nov, 2009), pp. 776-787.

3B. International scientific conferences with proceedings (abstract/extended abstract)

- [3B.1] **Monioudi, I.N.**, Chatzipavlis, A., Psarros, F., Rigos, A., Andreadis, O., Hasiotis, T., Velegrakis, A.F. (2016) Evaluation of beach erosion risk of the Aegean Archipelago islands, *Proceedings of ISISA Islands of the World XIV Conference 2016, Niss(i)ology and Utopia: back to the roots of Island Studies*, 23 - 27 May 2016, Mytilene, Lesvos Island, Greece, pp. 79. https://www.isisa.org/userfiles/ISISA2016_Conference_Programme.pdf
- [3B.2] Psarros, F., Panagou, Th., **Monioudi, I.N.**, Trygonis, V., Hasiotis, Th., Velegrakis, A.F. and Dimitriadis, Ch. (2016) Modern methodological tools for studying climate change impacts in a protected area (Gerakas nesting beach, Zakynthos island, Greece), *Proceedings of ISISA Islands of the World XIV Conference 2016, Niss(i)ology and Utopia: back to the roots of Island Studies*, 23 - 27 May 2016, Mytilene, Lesvos Island, Greece, pp. 76.
- [3B.3] Psarros F., **Monioudi I.**, Andreadis O., Hasiotis Th., Velegrakis A., Hatzipavlis A., Trygonis V., Dimitriadis Ch. (2015) Evaluation of climate change impacts on the sea-turtle nesting beaches of Zakynthos National Marine Park, Greece, *3rd International Symposium Effects of Climate Change on the World's Oceans*, March 21–27, 2015, Santos, Brazil, (S11-10073), Book of abstracts, pp. 163
- [3B.4] Velegrakis, A. F., Trygonis, V., **Monioudi, I.**, Vousdoukas, M. I., Ghionis, G., Karambas, T., Andreadis, O., Psarros, F., Hasiotis, T., Poulos, S., Chatzipavlis, A. and Karditsa, A. (2015) 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), *Proceedings of International Symposium 'Marine Protected Areas in Greece and the Mediterranean: Designing for the Future by Applying Lessons Learnt from the Past'*, 4-6 December 2015, Zakynthos, Greece, pp. 53-54.
- [3B.5] Karditsa A., Poulos S., Velegrakis A., Ghionis G., Petrakis S., Alexandrakis G., Andreadis O., **Monioudi I.** (2015) Development of a Coastal Inventory in Greece, *Geophysical Research Abstracts* Vol. 17, EGU2015-10621-2, 2015, EGU General Assembly 2015. <https://meetingorganizer.copernicus.org/EGU2015/EGU2015-10621-2.pdf>
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