

Dr. Dr. MSc. EVELPIDOU NIKI - NIKOLETTA
Professor of Geomorphology and Geographic Information Systems
Department of Geology and Geoenvironment, National and Kapodistrian University of Athens (NKUA)
<http://scholar.uoa.gr/evelpidou/home>

PERSONAL INFORMATION

Date and Place of Birth: 6 September 1972, Athens, Greece
Nationality: Greek
Languages Spoken: Greek (native), English

MAILING ADDRESS

Department of Geology and Geoenvironment, National and Kapodistrian University of Athens
Phone: +30 2107274297 (main office)
E-mail: evelpidou@geol.uoa.gr

RESEARCH & SCHOLARLY OUTPUT (SUMMARY)

Publications: 390+ publications in peer-reviewed scientific journals and conference proceedings.
Books: Author or Editor of 25 books and numerous training applications/notes.
Research Projects: Coordination / Participation in 80+ research projects.
Conferences: 130+ presentations at international and national conferences.
Global Collaboration: Maintained active cooperation with 200+ scientific institutes worldwide.

RESEARCH IMPACT AND METRICS

Google Scholar: <https://scholar.google.gr/citations?user=blf1mr8AAAAJ&hl=en&oi=ao>
Total Citations: 2851, **h-index:** 26, **i10-index:** 76
Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6602801317>
Total Citations: 1557, **h-index:** 23
ORCID ID: <https://orcid.org/0000-0001-7817-4471>
ResearchGate: <https://www.researchgate.net/profile/Niki-Evelpidou/stats>

EDUCATION

Years	Institution	Field of Study	Degree
1990-1994	Dept of Geology & Geoenvironment, NKUA	Geology	Bachelor
1995-1997	Dept of Geology & Geoenvironment, NKUA	Geography and Environment	MSc
1998-2001	Dept of Geology & Geoenvironment, NKUA	Geomorphology, Environment and GIS	PhD
1998-2003	Faculty of Geography-Archaeology, University of Franche Comte (France)	Geoarchaeology and GIS	PhD
2002	Dept of Geology & Geoenvironment, NKUA	Geomorphology, environment, remote sensing, GIS	PostDoc

PROFESSIONAL EXPERIENCE

2025-today CSO and co-founder, Spinoff “Nature for Nature Technologies” of NKUA
2019-today Professor, Dept of Geology and Geoenvironment, NKUA

2014-2019	Associate Professor, Dept of Geology and Geoenvironment, NKUA
2009-2014	Assistant Professor, Dept of Geology and Geoenvironment, NKUA
2003-2009	Lecturer, Dept of Geology and Geoenvironment, NKUA

International Appointments & Expert Roles

2023–Present: Member of the Pool of Experts (PoE), United Nations Regular Process for Global Reporting and Assessment of the State of the Marine Environment.

2022–Present: Elected Member of the European Academy of Sciences and Arts.

2021-present: Member of the steering committee of the Commission on Coastal Systems (CCS).

2017–Present: Regional Vice President, Coastal Education and Research Foundation (CERF-JCR).

2018–2020: Faculty Affiliate, Dept. of Geology and Environmental Geosciences, College of Charleston, USA.

2014: Sabbatical Researcher, Laboratoire de Géographie Physique, CNRS, Paris, France.

2021–Present: Honorary Affiliate of the Sino-Hellenic Academic Project.

1998–2008: Research Fellow, Institut des Sciences et Techniques de l' Antiquité, University of Franche Comte, France.

Institutional leadership & program development

Vice Chair, Marketing & Student Recruitment (2025): CIVIS Master's Programme in Transdisciplinary Studies of Climate, Environment, and Energy (TRACEE).

Museum Coordination and Digital Heritage (2023-present): Scientific coordination of the Geological Museum of Apeiranthos, directing the digitization of exhibits and the integration of Virtual Reality (VR) technologies for public education.

Scientific Documentation Coordinator (2022 – Present): National Geological Museum.

Scientific Manager (2022 – Present): Geological Museum of Apeiranthos.

Director & Scientific Supervisor (2021 – Present): MSc Program "Geographic Information Systems," NKUA.

Founder (2021): Established the MSc Program "Geographic Information Systems" at the Faculty of Geology and Geoenvironment, NKUA.

INSTITUTIONAL SERVICE

Ongoing contribution to departmental, university, and national educational committees.

2025: Member of the committee for the establishment of the Department of Geology and Geoenvironment (NKUA) in Cyprus.

2021–2023: Supervisor for the development of national curricula, educational materials, and teacher training for Geology-Geography at the Institute of Educational Policy (IEP).

2021–2025: Member of the academic supervision committee for the Inter-Institutional Graduate Program "Protection of Cultural Heritage and Monuments of Nature from the Effects of Climate Change."

2016–2019: President of the 2nd Regional Training Center (PEK) of Athens.

2021–Present: Member of the PhD proposal evaluation committee for the Department of Geography and Climatology.

2018–Present: Member of the committees for Operational Regulation, Postgraduate Program Regulations, and the Students Handbook.

2009–Present: Coordinator and member of the committees for Publicity, Public Relations, and Sponsorship Research.

2009–Present: Committee member for the 40-year and 50-year anniversary celebrations of the Faculty of Geology and Geoenvironment.

2014–2017: Member of the Erasmus Program committee of the Faculty of Geology and Geoenvironment.

AWARDS AND DISTINCTIONS

Scientific and Academic Awards

2026: "Paper of the Year 2025" Award, Cambridge Prisms: Coastal Futures.
<https://doi.org/10.1017/cft.2025.10010>

2025: Outstanding University Teaching Award, School of Science, National and Kapodistrian University of Athens.

2023: Higher Education Teaching Grant, European Geosciences Union (EGU). Awarded for the development of innovative university-level resources on sea-level changes.

2019: Academy of Athens Award for the scientific book *Sea Level Changes*.

2013: Academy of Athens Award for research on the 1956 Amorgos earthquake and recent subsidence in the SE Cyclades.

2013: State Scholarship Foundation (IKY) Award for the management of the *Runoff Erosion* Intensive Program.

2013: 2Bparks Committee Award for scientific photography.

Innovation and Blue Economy Awards (Nature4Nature)

Recognitions for the innovative "Nature4Nature" method—a nature-based solution for coastal protection:

2025: 1st Prize, Green and Blue Innovation Competition (Innovate East).

2025: Top 10 Finalist, 15th NBG Business Seeds (National Bank of Greece).

2025: Top 4 Finalist, EU BlueInvest Awards (Net Zero and Ocean Sustainability category), Brussels.

2024: 1st Prize and Best Presentation Award, 9th Blue Growth Piraeus Innovation Competition.

2024: 1st Prize, Archimedes Center for Innovation and Entrepreneurship.

Scientific Communication and Documentary Awards

Scientific responsibility for the *Disaster Theories* documentary series (Antenna Studios), with a focus on the episode "The Planet is Burning":

2024: Jury Award, "My Name is Climate" Film Festival, Birmingham, UK.

2024: Official Selection, International Migration & Environmental Film Festival.

2023: Gold Award, Handle Climate Change Film Festival, China.

2023: Best Green & Environment Film, Brussels Capital Film Festival.

2023: 3rd Prize for the documentary *From the Depths of the Earth*, 10th Ierapetra International Documentary Festival.

Patents

European Patent Office (EPO): *Natural Scour Protection* (Reference 124099.4.JMH).

European Patent Office (EPO): *Artificially Triggered Natural Barrier for Coastal Protection* (Pending application: EP23386124.4).

Industrial Property Organisation (OBI): *System of automatic flood protection from drainage network overflow* (No: 20080100086).

Industrial Property Organisation (OBI): *System of continuous monitoring of erosion in three dimensions* (No: 200701003767).

SELECTED KEYNOTES AND INVITED LECTURES

- 2025: The Impact of Climate Change on Denudation in Coastal Zones: Nature-Based Solutions for Sustainable Protection. IAG DENUCHANGE WG meeting.
- 2024: Mapping the Future: Geography for a Better World. International Conference, India.
- 2023: Landscape Changes in a Climate Changing Earth. 45th Indian Geography Congress, Savitribai Phule Pune University, India.
- 2023: The Future of Coastal Zones. GSEU (Geological Service for Europe) Day, Brussels, Belgium.
- 2023: Adaptation and mitigation strategies for the coastal zone. World Ocean Day, Young Geomorphologists Forum (India) and International Association of Geomorphologists.
- 2023: Climate Crisis and Natural Disasters. Center for Environmental Education of Elefsis, Greece.
- 2022: The impact of climate change on coastal heritage sites and underwater heritage. UN Climate Change Conference (COP27), Sharm El-Sheikh, Egypt.
- 2022: The role of relative sea level rise in geocultural heritage. UN Climate Change Conference (COP27), Sharm El-Sheikh, Egypt.
- 2022: Climate change, AI and Cultural Heritage. CAA-GR Sessions.
- 2022: Future of the coastal zone – adaptation and mitigation strategies. 50th Anniversary of EuroGeoSurveys, Geological Survey of Europe, Brussels, Belgium.
- 2022: Roman fish tanks and their role as sea level indicators. Winter Colloquium, European Academy of Science and Arts.
- 2022: Artificial beachrocks, a “Green” Method for Sustainable Mitigation of Coastal Impacts. 2nd Mediterranean Coastal Erosion Conference, Malta.
- 2022: Geographical Information Systems in the study and monitoring of the environment. 8th International Conference on GIS Theory, Applications and Management (GISTAM).
- 2022: Women in Sciences. Erasmus+ RoboGirls Seminar, Attica, Greece.
- 2022: Geological Monuments of Nature in Damarionas. 6th Scientific Conference “Naxos throughout time”, Greece.
- 2021: Earthquake-driven coastal changes: Case studies from Eastern Mediterranean. IAG Webinar for South and West Asia.
- 2021: Relative sea level rise and geocultural heritage. 42nd IIG Annual Meeting and International E-Conference, Pune, India.
- 2021: Cultural heritage and climatic change. 2nd International Conference on Global Issues of Environment and Culture, Delphi, Greece.
- 2021: National Program of Studies for Geology-Geography. Institute of Educational Policy (IEP), Greece.
- 2020: Evolution of the coastal zone: case studies. Department of Geography, Harokopio University, Greece.
- 2017: Geomorphological Sea Level Indicators. Aix-Marseille University, France.
- 2017: Integration of maritime level indicators to study global changes. Department of Mathematics and Earth Science, University of Trieste, Italy.
- 2017: Modeling erosion risk. Dipartimento Scienze della Terra, Università di Napoli Federico II, Italy.
- 2017: Sea level changes and sea level indicators. College of Charleston, USA.
- 2017: Quaternary Geology and Sea Level Changes. Department of Archaeology, University of Cyprus.
- 2016: Sea level indicators: use, value, constraints. Associazione Italiana di Geografia Fisica e Geomorfologia, Naples, Italy.
- 2015: Modeling and Management of Run-off Erosion. University of Hokkaido, Japan.
- 2015: Sea Level Indicators in Tectonically Active Areas. University of Hokkaido, Japan.

ORGANIZATION OF SCIENTIFIC MEETINGS (SELECTED)

Participation in the scientific and organizing committees of more than 50 international and national conferences and workshops since 2004.

2025: Session Organizer, “Coastal systems under pressure,” IAG Regional Conference, Romania.

2024: International Committee Member, International Conference on Hydraulic, Mapping and Safety Engineering (HMSE), China.

2021–2023: Scientific Committee Member, 2nd, 3rd, and 4th International Conference on Environmental Design (ICED).

2021, 2022: President of the Organizing Committee, “Women in Geomorphology” Workshops, under the auspices of the International Association of Geomorphologists (IAG).

2019: President of the Organizing Committee, IAG Regional Conference on “Geomorphology of Climatically and Tectonically sensitive areas,” Athens.

2017: President of the Organizing Committee, International Conference on “New Technologies, Hazards and Geoarchaeology,” Athens.

2012: President of the Organizing Committee, International Conference on “Ice mass loss and sea level change since the Last Glacial Maximum,” Athens.

2011: President of the Organizing Committee, 15th Joint Geomorphological Meeting, Athens.

2009: Member of the Organizing and Scientific Committee, “European and Global Communities combine forces on Flood Resilient Cities,” UNESCO, Paris.

Session Organizer and Convenor: Regularly organized specialized scientific sessions on Coastal Geomorphology, Natural Hazards, and Geoarchaeology for the Hellenic Geographical Society and the Geological Society of Greece (2004–2025).

Scientific Committee Member: Participation in international committees for various conferences including Safe Greece (2021), LandCare (Spain, 2018), Environmental Science and Technology (CEST), and Littoral (Scotland).

Organizing Committee Member: Participation in over 20 organizing committees for meetings including the European Association of Geographers (EUROGEO) and various COST Action and INTERREG programs.

RESEARCH FUNDING & GRANTS

Participation in more than 90 research and educational projects since 1996. Funding has been provided by European programs (Horizon Europe, Erasmus+, FP7, INTERREG, and COST Actions), the European Space Agency (ESA), as well as national organizations and private industry. Roles within these projects included scientific coordinator and principal investigator .

1. 2025–2029: Horizon Europe – Marie Skłodowska-Curie Action. “SURE-SOIL – Sustainable and Resilient solutions for SOIL erosion control and sediment management”. Collaboration with 10 partners from the UK, Spain, France, Italy, Japan, Thailand, and China.
2. 2025–2028: Erasmus+ Program. “Changing Coasts: A training-through-research approach on the effects of climate changes on coastal areas”. Partners from France, Greece, and Romania.
3. 2025: “Understanding Vulnerability to Enhance Natural Based Coastal Adaptation Practices in Greece” (Coast2Adapt). Trust Your Stars.
4. 2025: “Observations and Assessments of the Climate Crisis in Seismically Threatened Areas of Greece”, Trust Your Stars.
5. 2025: Pilot implementation for the creation of induced natural reefs in the Dilaveri Coast, Eupolis project.
6. 2025: Geomorphological study of the Sani region, Halkidiki. Funding: SANI MON. S.A. & MARINA SANI.
7. 2023–2025: Erasmus+ Program. “TRACE - Tracing Climate Change”. Partners from Greece, Romania, and France.
8. 2023: Geomorphological Study of the Navarino Bay Area. Funding: Messinia Tourism Enterprises S.A. (TEMESA).

9. 2022–2025: Erasmus+ Program. “TRIPGIFT - Training pupils on geosciences through Virtual Field Trips”. Partners from Greece, Cyprus, and Belgium.
10. 2022–2024: Erasmus+ Program. “PROFF - Protection against flash floods”. Partners from Greece, Slovakia, Lithuania, and Spain.
11. 2022–2024: Horizon Program (HORIZON-CL6). “Innovative Education for the BioEconomy (EdBioEc)”.
12. 2021–Present: “ESERO” Project. Cooperation between the European Space Agency (ESA) and national partners.
13. 2021–2023: Erasmus+ Program. “STEALTH - STEam methodology for healthy nutrition awareness”.
14. 2021–2023: Erasmus+ Program. “CLIMAX - CLIMate coalition eXchange of best practices”.
15. 2021–2023: Erasmus+ Program “GeoVT - Training new generations on geomorphology, geohazards and geoheritage through Virtual Reality Technologies”.
16. 2021–2023: Development of the geomorphological map of Greece (1:1,000,000). Hellenic Survey of Geology & Mineral Exploration.
17. 2021–2024: “HIRACLES – High Resolution Imagery for Cliff Erosion Studies”. Cooperation with universities in France (Brest and Lyon).
18. 2020–2022: Erasmus+ Program. “Facing FIRE – Service-learning to improve training and employability in wildfire management”.
19. 2020–2021: Study of natural and artificial beachrocks and their impact on the coastal environment. Financed by PA 2014-2020.
20. 2018–2020: Erasmus+ Program “ENVSTORIES – Environmental Storytelling for Sustainable Development”.
21. 2018–2020: Modeling of palaeo-tsunami in SE Cyprus. Financed by the Mariolopoulos-Kanaginis Foundation.
22. 2017–2020: COST Action CA16209. “Natural Flood Retention on Private Land (LAND4FLOOD)”.
23. 2015–2018: Erasmus+ Program “Land Degradation and Rehabilitation In Mediterranean Environments”.
24. 2015–2017: Erasmus+ Program “McAGENDA – Master courses on Quaternary GeoEnvironment and Natural Hazards”.
25. 2013–2015: Bilateral Cooperation Greece – France (NKUA & Aix-Marseille University). “Sea level changes in Cyclades”.
26. 2012–2016: COST Action ES1104. “Arid Lands Restoration and Combat of Desertification”.
27. 2012–2015: “ECOFLOW – River hydrology and ecosystem sustainability”. Financed by Cooperation 2011.
28. 2010–2014: COST Action ES0907. “INTIMATE – Integrating Ice core, Marine and Terrestrial records”.
29. 2010–2012: Seventh Framework Programme (FP7). “SMARTeST – Smart Resilience Technology, Systems and Tools” for flood events.
30. 2009–2011: “HydroEvia – Study of Water Potential of South Evia”.
31. 2008–2012: COST Action ES0701. “Improved Constraints on Models of Glacial Isostatic Adjustment”. National Representative for Greece.
32. 2006–2008: Leonardo Da Vinci Pilot Project. “Educational Strategies for the Promotion of Natural heritage (EDUNatHer)”.
33. 2006–2008: Bilateral Research Projects with Tunisia, Turkey, and Cyprus on WebGIS, desertification, and digital heritage. Financed by GSRT.
34. 2005–2009: COST Action C22. “Urban Flood Management”. National Delegate for Greece.
35. 2003–2009: COST Action 634. “Environmental Impacts of Runoff and Erosion”. National Representative for Greece.
36. 2003–2006: “Development of an interpretation model of satellite imagery for coastal monitoring”. Funded by the European Space Agency (ESA).
37. 2002–2004: Bilateral Research Projects with France, the UK, and Hungary on natural hazards, environmental changes, and geocultural parks. Financed by GSRT.

38. 1999–2001: COST G2. “Ancient landscapes and rural structures”.
39. 1996–2002: Early research projects on geomorphology, erosion risk, and environmental studies at Zakynthos, Evia, Naxos, and the Ionian Islands.

SUPERVISION & MENTORSHIP

Postdoctoral Research Supervision

Dr. Clinton Ifeanyichukwu Ezekwe (2025–Present): Disappearing Coastal Communities: Exploring International Best Practices, Institutional Frameworks and Nature-Based Solutions to Coastal Erosion in Nigeria.

Dr. Ioannis Saitis (2024–Present): Understanding and Simulating Beach Rotation in the Mediterranean: Case Study of Alyko beach, Naxos, Greece.

Dr. Anna Karkani (2020–2022): Study of the palaeogeographical evolution and natural hazards in the coastal zone of Psatha during the Late Holocene.

Dr. Konstantinos Tsanakas (2020–2022): Palaeogeographical evolution through marine terraces.

Doctoral (PhD) Supervision

Selected ongoing and completed PhDs as supervisor.

Ioannis Stamoulis: Developing a Comprehensive Training Framework for Fire Service Personnel as Civil Protection Crisis Management Instructors (2026–Present).

Dimitris-Nikiforos Nikolitsis: Development of a webGIS application for the study of morphotectonic indicators (2025–Present).

Thomas Iosifidis: Coastal and underwater geoarchaeological study of the Lechaion Harbor (2025–Present).

Vasiliki Kontou: Wildfires, Floods, and the Climate Crisis: Investigating perceptions and crisis management in schools (2024–Present).

Ioannis Saitis: Study of beachrock formation and their impact on the coastal environment (Completed 2022).

Akylina Mereli: Environmental education on rapid onset natural disasters in primary education (Completed 2022).

Miltiadis Polidorou: Geomorphological and Palaeogeographical evolution of “Akrotiri” Peninsula, Southern Cyprus (Completed 2021).

Anna Karkani: Study of the geomorphological and environmental evolution of the coastal zone of Central Cyclades (Completed 2017).

Additionally served as a member of the examination committee for PhD theses at the National Technical University of Athens, Stockholm University (Sweden), University of Naples “Parthenope” (Italy), and the National and Kapodistrian University of Athens.

Master’s Thesis Supervision

Supervision and examination of more than 85 Master’s theses since 2005 across several graduate programs. Research themes include coastal dynamics and sea-level modeling, natural hazard assessment and disaster management using GIS, geoarchaeology and landscape evolution, and the application of remote sensing in environmental monitoring.

BOOKS AND EDITORIAL WORK

Academic Books and Textbooks

2025: GeoVT Project Team, Geomorphology, Geohazards and Geoheritage in Virtual Reality.
<https://www.geovt.eu/RESULTS/geovt-e-book>

- 2023: Evelpidou, N., Tzouxanioti, M., Karkani, A. Geographic Information Systems from theory to practice: using ArcGIS Pro. KALLIPOS Open Academic Editions <https://dx.doi.org/10.57713/kallipos-367>
- 2023: Karkani, A., Evelpidou, N. Applied and Urban Geomorphology. KALLIPOS Open Academic Editions. <https://dx.doi.org/10.57713/kallipos-350>
- 2023: Evelpidou, N., Karkani, A. Quaternary Geology and Archeogeomorphology. KALLIPOS Open Academic Editions. <https://repository.kallipos.gr/handle/11419/9773>
- 2022: Evelpidou N., Tzouxanioti M., Karkani A., 2022. Geographic Information Systems. Tziola Publications, Athens, p. 504 ISBN: 978-960-418-947-2 <https://www.tziola.gr/book/georgafika-systimata-pliroforion/>
- 2020: Evelpidou N., 2020. Geomorphology. Tziola Publications, Athens. ISBN: 978-960-418-605-1
- 2019: Evelpidou, N., 2019. Sea Level Changes. Da Vinci, Athens. ISBN: 9789609732321. <http://www.davinci-books.com/metavoles-thalassias-stathmis.html>
- 2019: Evelpidou N., Repapis Ch., Zerefos Ch., Tzalas H., Synolakis K., 2019. Geophysical Phenomena and the Alexandrian Littoral. Archaeopress, 146 p. ISBN: 9781789692341
- 2019: Merino, A., Rodríguez-González, P.M., Barbosa, H., Cruz, G., Doni, S., Evelpidou, N., Ferreira, T., García-Oliva, F., González, P., Masciandaro, G., Miliou, A., Omil, B., Pinto, L., Reboló, J.A., Vega, J.A., Virgili, G. (2019). Training on land restoration: Impact analysis on “green employment”. Monografías do Ibader - Serie Territorio. Ibader. Universidade de Santiago de Compostela. Lugo.
- 2018: Evelpidou N., 2018. Geomorphology – Laboratory Exercises. Academic Publications, p. 300. <http://www.academicbooks.gr/products/geomorphology-laboratory-exercise.html>
- 2015: Evelpidou, N., Antoniou, V., 2015. Geographic Information Systems [Undergraduate textbook]. Kallipos, Open Academic Editions. <https://dx.doi.org/10.57713/kallipos-942>
- 2009: Pavlopoulos K., Evelpidou N., Vassilopoulos A., 2009. Mapping Geomorphological Environments’. Springer, ISBN: 978-3-642-01949-4, p. 235.
- 2006: Koutsopoulos K., Evelpidou N., Vassilopoulos A., 2006. Geographic Information Systems – Use of MapInfo Professional. Papasotiriou, p. 273.
- 2006: Livaditis G., Evelpidou N., 2006. Quaternary Geology. National and Kapodistrian University of Athens, p. 136.
- 2002: Vaiopoulos, D., Vassilopoulos, A., Evelpidou, N., 2002. G.I.S. from theory to practice. Written for the subject of ‘Applications of Space Science and Technology’, p. 470.
- 2001: Vaiopoulos, D., Vassilopoulos, A., Evelpidou, N., 2002. Windows-Word-Excel-Internet from theory to application. Written for the subject ‘Processing Geological Data with the use of computers’, p. 496.

Educational Handbooks and Study Guides

More than 20 handbooks, study guides and fieldtrip guides. Some selected are noted below:

- 2023: Introduction to Geographic Information Systems (ArcGIS Pro Handbook). National and Kapodistrian University of Athens.
- 2022: Resilience Strategies for Natural and Historic Heritage Landscapes (Study Guide). Hellenic Open University.
- 2022: Telematics and Metrics (Study Guide). Hellenic Open University.
- 2021: Integrated Coastal Zone Management and Flash Floods (Student Guides). Hellenic Open University.
- 2011–2018: Fieldtrip and laboratory guides for training schools in Naxos, Crete, and Marathon, and international Erasmus+ courses in Italy and Spain.

Edited Volumes and Journal Special Issues

- 2019:** Best practices in evaluation and restoration of degraded mediterranean environments. Ibader - Universidade de Santiago de Compostela.

2013–2023: Guest Editor for Special Issues in Geosciences, Journal of Marine Science and Engineering, and Zeitschrift für Geomorphologie on topics including Tectonic Geomorphology, Coastal Systems, and Natural Disaster Management.

2012: Runoff Erosion. E-book / Erasmus Intensive Programmes.

2010: Urban Flood Management. Taylor & Francis Group.

2010: Natural Heritage from East to West. Springer.

2009: Soil Protection in Sloping Mediterranean Agri-Environments. Instituto Politécnico de Bragança.

2008: GeoInformation Technology for Geo-Cultural Landscape Analysis. Taylor & Francis.

2008: Caves – Natural & Manmade Underground European Heritage. Papasotiriou.

JOURNAL EDITORIAL SERVICE AND REVIEWING

Editorial Board Memberships

Editor-in-Chief: Journal of GIS Trends

Associate Editor: Journal of Coastal Research

Section Editorial Board Member: Journal of Marine Science and Engineering (Sections: Geological Oceanography; Coastal Engineering)

Editorial Board Member: Remote Sensing, Landscape Ecology, Hydroecology and Engineering, Bulletin de la Société de Géographie d'Égypte, Mediterranean Archaeology and Archaeometry, Scientific Culture, Tájökológiai Lapok (Journal of Landscape Ecology).

Scientific Committee Member: Analele Universității București: Geografie.

Guest Editorial Work (Special Issues)

Zeitschrift für Geomorphologie: Lead editor for several volumes, including "Quaternary Geomorphology in Tectonically Active Areas" and "Geomorphology, Quaternary Geology and Geoarchaeology of the Eastern Mediterranean" (Parts 1 & 2).

Journal of Marine Science and Engineering: Guest editor for special issues on "Tectonics and Sea-Level Fluctuations," "Coastal Systems: Monitoring, Protection and Adaptation," "Morphological Changes in the Coastal Ocean," and "Marine Geological Hazards."

Geosciences: Guest editor for special issues on "Tectonic Geomorphology in Modern Orogenic Zones" and "Management of Natural Disasters in Coastal Zones."

Peer Reviewer

Regular reviewer for a wide range of international scientific journals, including: *Scientific Reports (Nature)*, *Global and Planetary Change*, *Geomorphology*, *Geoarchaeology*, *The Holocene*, *Journal of Coastal Research*, *Natural Hazards*, *Remote Sensing*, *Quaternary International*, *Earth Surface Processes and Landforms*, *Environmental Engineering Science*, *Journal of Maps*, *Geomatics*, *Natural Hazards and Risks*, *NHESS*, *Land*, *Applied Sciences*, *Journal of Coastal Conservation*, *Journal of Marine Science and Engineering*, *Water*, *Geotechnics*, *Crystals*, *Applied Geography*, *Microorganisms*, *Bulletin of Engineering Geology and the Environment*, and *International Journal of Nautical Archaeology*.

TEACHING AND CURRICULUM DEVELOPMENT

Management and coordination of a wide range of undergraduate and postgraduate courses since 1995. This includes the development of laboratory exercises, field training, and specialized curriculum design for multiple master's programs.

Undergraduate Education

Responsible for the coordination and instruction of the following courses at the National and Kapodistrian University of Athens:

- Applied Geomorphology – Urban Geomorphology (Since 2009)
- Geographical Information Systems and Remote Sensing (Since 2009)
- Quaternary Geology and Archaeogeomorphology (Since 2009)
- Geomorphology (Since 2016)
- Coastal and Marine Geomorphology and Coastal Management (Since 2015)

Participation in the teaching of Natural Hazards (Since 2009). Educational activity from 1995 to 2014 included the instruction of courses such as Geomorphology of Greece, Spatial Planning, and Land Use, as well as laboratory supervision in Physical Geography, Photogeology, Informatics, and Geological Data Processing.

Postgraduate Education

Scientific coordination and delivery of courses for several MSc Programs, with a focus on specialized environmental applications and digital innovation.

1. **MSc in Documentation and modeling of Monuments and Archaeological Sites (Hellenic Open University):** Scientific coordination of Spatial Measurement and Documentation Methods (Since 2026).
2. **MSc in Geographic Information Systems (NKUA):** Scientific coordination of *Introduction to GIS* and *Natural Hazard Modeling* (Since 2022).
3. **MSc in Earth and Environmental Sciences (NKUA):** Scientific coordination of *GIS in Geoenvironmental Applications*, *Applied and Karst Geomorphology*, and *Quaternary Geoenvironment* (Since 2018).
4. **MSc in Protection of Cultural Heritage from Climate Change (Hellenic Open University):** Scientific coordination of *Resilience Strategies for Natural and Historic Heritage Landscapes* (Since 2023).
5. **MSc in Environmental Design (Hellenic Open University):** Scientific coordination of *Environmental Design of Energy, Hydraulic, and Marine Projects* (2020–2023).
6. **MSc in Oceanography (NKUA):** Coordination of *GIS in Environmental Applications* (Since 2008) and *Atmospheric and Oceanographic Processes* (2017–2018).
7. **MSc in Natural Disaster Management (NKUA):** Coordination of *GIS in the Prevention and Management of Natural Disasters* (2004–2014).
8. **Specialized Instruction:** Visiting lectureship in *Quantitative and Applied Geomorphology* at the Aristotle University of Thessaloniki (2012–2014).

ORGANIZATION OF INTENSIVE TRAINING COURSES

Coordination and organization of over 50 intensive international training courses and Blended Intensive Programmes (BIP) since 2003. These programs are characterized by multi-institutional collaboration within the CIVIS Alliance and the Erasmus+ framework, focusing on climate change, landscape evolution, and natural hazards.

2021–2025: CIVIS Blended Intensive Programmes (BIP). Coordination and scientific management of numerous high-level intensive courses in collaboration with the University of Bucharest, Stockholm University, Aix-Marseille Université, University of Glasgow, and Sapienza Università di Roma. Selected titles include:

- Interplay of Landscape, Tectonics and Climate Change in the Mediterranean (Coordinator, 2025).
- Climate change imprint on a tectonically active landscape (Coordinator, 2025).
- Climate change and landscape evolution in the Mediterranean context (Coordinator, 2024).
- Coastal zone geomorphological interactions: natural vs human-induced factors (Coordinator, 2023).
- Quantifying vulnerability to natural hazards in changing climate patterns (Scientific Committee, 2024–2025).

- Environmental Challenges facing Danube River (Scientific Committee, 2023–2024).
- Understanding Earth (Scientific Committee, 2023–2025).

2016–2022: Erasmus+ Strategic Training Schools. Coordination of international training schools within the frameworks of the **Landcare** and **McAgenda** Erasmus programs.

- Service-learning in wildfire management (Coordinator, Athens/Euboea, 2022).
- Quaternary GeoEnvironment – ArchaeoGeomorphology (Coordinator, Naxos/Paros, 2017).
- Land rehabilitation of Mediterranean Environments (Coordinator, Naxos, 2017).
- Analysis and Management of Anthropogenic Natural Hazards and Disasters (Coordinator, Naxos, 2016).

2011–2015: Specialized Environmental Seminars.

- *Estimation of Ecological Flow* (Coordinator of three separate seminars in Naxos, Paros, and Athens, 2015).
- *Sea Level Changes* (Coordinator, Cephalonia, 2014).
- *Runoff Erosion* (Coordinator/President, Santorini and Athens, 2012–2014).

2003–2011: Foundational Training Initiatives. Member of the scientific and organizing committees for early-career training programs including Soil Protection in Sloping Mediterranean Agri-Environments (SPinSMEDE), Glacial Isostatic Adjustment Modeling (Sweden), and New Technologies in Archaeology (INTERREG).

ORGANIZATION OF FIELD ACTIVITIES AND RESEARCH EXPEDITIONS

Organization and scientific coordination of more than 35 field training courses and research expeditions across Greece, Sweden, Spain, Romania, Switzerland, and Portugal. These activities focus on geomorphological mapping, palaeogeographical reconstruction, and the investigation of natural hazards.

2021–2025: International Field Training (CIVIS Alliance). Scientific coordination of intensive field courses in **Cephalonia, Naxos** (Greece), **Danube Delta, Romanian Carpathians, Buzău Mountains** (Romania), **Idre** and **Stockholm** (Sweden). These programs focus on the interplay of tectonics and climate change, coastal geomorphology, and the quantification of landscape vulnerability.

2023: Targeted Research Expeditions. Coordination of fieldwork for geomorphological mapping and palaeogeographical reconstruction in the **Mani and Monemvasia peninsulas, Pylos, and Heracleum** (flood hazard study). Specialized investigation of seismic-induced landslides at **Gialtra, Euboea**.

2022: Multi-Island Mapping. Geomorphological mapping and reconstruction of the **Melos, Kimolos, and Polyaegos** island group.

2016–2019: Erasmus+ Strategic Fieldwork. Scientific coordination of field activities for the *Landcare* and *McAgenda* programs in **Lugo (Spain), Killini, Naxos, and Paros**.

2009–today: Recurring Academic Field Trips. Annual organization and coordination of field training in the **Gulf of Corinth, Attica** and **Naxos** for undergraduate and postgraduate courses in Geomorphology and Quaternary Geology.

2007–2014: Specialized Environmental Fieldwork. Coordination of field investigations for sea-level change and runoff erosion in **Santorini, Cephalonia, Hydra, and Western Crete**. Participation in soil protection field studies in **Spain and Portugal** (SPinSMEDE).

PROFESSIONAL MEMBERSHIPS AND SOCIETIES

2023–Present: Member of STEM in Arts & Culture (STEMAC), a policy expert group of the European Academy of Sciences and Arts.

2022–Present: Vice President of the Executive Committee, Hellenic Geographical Association (Member since 1994; Executive Committee Member since 2010).

2021–Present: Steering Committee and Core Group Member of the working group on Virtual Field Trips in Geomorphology, International Association of Geomorphologists (IAG).

2021–Present: Member of the steering committee of the Commission on Coastal Systems (CCS).

2020–Present: Member of the Hellenic Education Society for S.T.E.M. (Ε3ΣΤΕΜ).

2019–Present: Member of the Geosciences Teaching Committee of the Hellenic Geological Society.

2005–2023: Committee for Geomorphology and Environment of the Geological Society of Greece (President of the Executive Committee 2016–2018; Secretary 2014–2016 and 2018–2023).

2011–2018: Member of the Hellenic Geomorphological Society.

1999–Present: Member of the Geotechnical Chamber of Greece.

1998–Present: Member of the Hellenic Society of Geographical Information Systems.

PUBLIC OUTREACH AND SCIENCE COMMUNICATION

Scientific Media Responsibility: Scientific responsibility for the *Disaster Theories* documentary series (Antenna Studios), including award-winning episodes on climate change and natural hazards.

Children's Authorship: Author of the children's book series *Environmental Stories* (Ellinoekdotiki), focusing on topics such as water cycles, coastal dunes, and climate awareness (2022–2025).

Digital Educational Applications: Development of interactive Virtual Story Maps (ArcGIS) for primary and secondary school pupils, covering topics such as the Euboea flash floods, the Lavrion geoheritage, and the Naxos emery mines (2021–2022).

Public Engagement Initiatives: Organization of community outreach events including “Meet the Scientists at Work” and “Open Days,” facilitating public interaction with geomorphological research and coastal evolution studies (Since 2015).

Invited Public Lectures: Frequent speaker for regional educational directorates, “Schools for Climate,” and the “Online Parents' School” on flood risk protection, forest fire management, and the role of women in science (2020–2025).

Educational Policy and Curriculum Design: Supervision of the development of national curricula and educational materials for school-level Geology and Geography at the Institute of Educational Policy (2021–2023).

Institutional Social Contribution: Member of the NKUA Interdisciplinary Committee for Risk and Crisis Management (Since 2025).