



5th "Women in Geomorphology" Workshop
of the Hellenic Committee for Geomorphology & Environment of the
Geological Society of Greece
*under the auspices of the International Association of
Geomorphologists (IAG)*



5th "Women in Geomorphology" Online Workshop
organized by
the Hellenic Committee for Geomorphology & Environment
of the Geological Society of Greece
*under the auspices of
the International Association of Geomorphologists (IAG)*

Saturday 8 March 2025, 09:00 UTC

Inspired by Women's Day and International Geomorphology Week

Teleconference link: https://teams.microsoft.com/l/meetup-join/19%3ameeting_YzAzMTIxZDUtMmRkZi00NGI5LWE1NWEtMzljMzFhN2U0Mjdi%40thread.v2/0?context=%7b%22Tid%22%3a%22017e16ae-f415-4f8d-9af0-a21b57cd448e%22%2c%22Oid%22%3a%22a1017122-4a58-499e-bc56-57e9c3eaf038%22%7d



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Scientific & Organizing Committee

Sofia Pechlivanidou, Department of Geology, Aristotle University of Thessaloniki, Greece

Anita Bernatek-Jakiel, Institute of Geography and Spatial Management, Jagiellonian University, Kraków, Poland

Narges Kariminejad, Department of Natural Resources and Environmental Engineering, College of Agriculture, Shiraz University, Iran

Gaia Mattei, Department of Science and Technology (DiST), University of Naples Parthenope, Italy

Angela Rizzo, Department of Earth and Geoenvironmental Sciences, University of Bari Aldo Moro, Italy

Vittoria Vandelli, Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia, Italy

Nurit Shtober-Zisu, Department of Israel Studies, University of Haifa, Israel

Lea Wittenberg, Department of Geography and Environmental Studies, University of Haifa, Israel

Kalliopi Gaki-Papanastassiou, Department of Geology and Geoenvironment, National and Kapodistrian University of Athens, Greece

Kanella Valkanou, Department of Geography, Hapokopio University, Athens, Greece

Hariklia Skilodimou, Department of Geology, University of Patras, Greece



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Agenda

Saturday 8 March 2024, 09:00 UTC

Welcome Speeches

09:00 – 09:20 UTC

09:00-09:20

Prof. Sunil Kumar De (*President of the International Association of Geomorphologists - Department of Geography, North Eastern Hill University (NEHU)*)

Prof. Assimina Antonarakou (*Vice President of the Geological Society of Greece, National and Kapodistrian University of Athens*)

Prof. George Bathrellos (*President of the Hellenic Committee for Geomorphology and Environment of the Geological Society of Greece - University of Patras*)

Prof. Sofia Pechlivanidou (*Department of Geology, Aristotle University of Thessaloniki*)

Oral Presentations

Session 1

09:20 – 10:20 UTC

Chairpersons: Gaia Mattei; Angela Rizzo

09:20-09:40

Sophie Horton

School of Earth and Environment, University of Canterbury, New Zealand

Late Holocene marine terrace erosion from contemporary coastal processes

09:40-10:00

Anargha Amit Dhorde

Department of Geography, Nowrosjee Wadia College, (An autonomous college affiliated to the Savitribai Phule Pune University), India

Geomorphological responses of beaches and mangroves to coastal dynamics: Insights from the central Konkan coast of Maharashtra, India

10:00-10:20

Gabriella Raffa

University of Pisa, Italy

Reconstructing submerged landforms: new high-resolution bathymetric and seismic analysis of the Liguro-Provençal continental shelf

Session 2

10:20 – 11:20 UTC

Chairpersons: Sofia Pechlivanidou; Nurit Shtober - Zisu

10:20-10:40

Mio Kasai

Research Faculty of Agriculture, Hokkaido University, Japan

Sediment control structures and channel transformation: A case study of bedrock-alluvial river response



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10:40-11:00

Sofia Doani

Department of Physical and Environmental Geography, School of Geology, Aristotle University of Thessaloniki, Greece

Depositional environment and sedimentological changes of the Anthemountas River (Northern Greece) during the Late Pleistocene and Holocene

11:00-11:20

Joanna Zawiejska

Institute of Biology and Earth Sciences, University of National Education Commission, Krakow, Poland

Return of the beaver (Castor fiber) – the new actor on the anthropogenically modified fluvial scene

11:20-12:00

Break

Session 3

12:00 – 13:00 UTC

Chairpersons: Kalliopi Gaki-Papanastassiou; Hariklia Skilodimou

12:00-12:20

Monica Giona Bucci

University of Malta/ R3Vox, Ltd, Malta

Bridging the gaps of investigating geohazards onshore and offshore: workflows, methodologies and case studies

12:20-12:40

Natacha Fabregas

Department of Earth Science, University of Bergen, Norway

Architecture of fault-controlled coarse-grained deltas in rifts: examples from the Corinth Rift (Greece)

12:40-13:00

Esra Tunçel

Department of Geography, Bilecik Şeyh Edebali University, Bilecik, Türkiye

Deep-seated gravitational slope deformations (DSGSDs) on fault-controlled mountain slopes: Insights from the Söğüt Mountains, Türkiye

Session 4

13:00 – 14:00 UTC

Chairpersons: Kanella Valkanou; Vittoria Vandelli

13:00-13:20

Aliki Konsolaki

Department of Geology and Geoenvironment, School of Science, National and Kapodistrian University of Athens, Greece

Using close-range Remote Sensing data for locating potential future rockfalls

13:20-12:40

Marina Tamaki de Oliveira Sugiyama

Department of geography, University of São Paulo, Brazil

From landslide inventories to physical vulnerability assessment: first step towards risk management strategies in a UNESCO Global Geopark (Brazil)



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13:40-14:00

Hyacinthe Nouhou Dama Zouyane

University of Maroua, Cameroon

Impact of geomorphological processes on the Kilgum Granitoids: A potential for local geotourism development

Session 5

14:00 – 15:00 UTC

Chairpersons: Anita Bernatek-Jakiel; Narges Kariminejad
Lea Wittenberg

14:00-14:20

Margherita Bufalini

School of Science and Technology, Geology Division, University of Camerino, Italy

Erosion potential of gullies by hypsometric curve and morphometric analysis

14:20-14:40

Renata Cristina Bovi

Department of Forest Science, Soil, and Environment, School of Agricultural Sciences, São Paulo State University (UNESP), Botucatu, São Paulo, Brazil

Toward advancing erosion studies in tropical soils: pedological and geophysical approaches

14:40-15:00

Reli Wald

Israel Chemicals (ICL), Israel

Volcanic host rocks as sources of corundum recovered from an alluvial placer, northern Israel

Poster Presentations

Poster Session

15:00 – 15:45 UTC

Chairpersons: Angela Rizzo; Hariklia Skilodimou;
Kanella Valkanou; Vittoria Vandelli

P1

Ria Naskar

Department of Geography, North-Eastern Hill University, Shillong, Meghalaya, India

Impact of rainfall intensity and anthropogenic factors on landslide occurrence in South Sikkim: A case study of the Denchong landslide

P2

Khaoula Baadi

Sidi Mohamed Ben Abdellah University, Fez, Morocco

Towards the creation of a geopark in the Northern Middle Atlas (Morocco): Conservation, valorization, and sustainable development

P3

Rosa Colacicco

Department of Earth and Geoenvironmental Sciences, University of Bari, Bari, Italy

Detecting badlands erosion through SAR Interferometry



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- P4** **Marina Zingaro^{1,2}**
¹Department of Earth and GeoEnvironmental Sciences, University of Bari, Bari, Italy
²Planetek Italia srl, Bari, Italy
Advancing surface processes monitoring: Integrating data and methods in experimental applications of the Sediment Flow Connectivity Index (SfCI)
- P5** **Deeprita Ghosh**
Department of Geography, West Bengal State University, India
Evaluating channel bar morphodynamics in the Bhagirathi-Hugli River, India
- P6** **Sharon Pittau**
Inter-Departmental Research and Innovation Centre on Constructions and Environmental Services (CRICT), University of Modena and Reggio Emilia, Modena, Italy
Human impact on the geomorphological evolution of rivers: the case study of the Taro and Ceno Rivers (Italy)
- P7** **Sofia Rossi^{1,2}**
¹Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia, Modena, Italy
²School for Advanced Studies (IUSS) of Pavia, Pavia, Italy
Integrated geomorphological mapping of terrestrial and submarine areas, Gulf of Corinth (Greece)
- P8** **Alessia Sorrentino**
Department of Science and Technology, University of Naples Parthenope, Naples, Italy
An innovative methodology for paleo-seascape reconstruction of Cilento coast (Italy) since MIS 5
- P9** **Christina Gallousi**
Department of Geography, Harokopio University of Athens, Greece
A 5,500-year sedimentary record investigating coastal evolution, past tsunamis and extreme wave events in the Messenian Gulf (Southern Peloponnese, Greece)
- P10** **Maria Francesca Tursi**
Department of Science and Technology, University of Naples “Parthenope”, Italy
A multi-component approach to predict erosion susceptibility of rocky coasts: marine, terrestrial and climatic forcing. An application in Southern Italy
- P11** **Konstantina Apostolopoulou**
Department of Geography, Harokopio University of Athens, Greece
Does fragmentation of seagrass meadows affect coastal protection? A Greek case study

Closing of the Workshop

15:45 – 16:00 UTC

Chairpersons: Sofia Pechlivanidou; Anita Bernatek-Jakiel; Narges Kariminejad

15:45-16:00

Discussion, Conclusions and Closing of the Workshop