



ProGEO SW Europe Regional Working Group

Virtual Conference on Geoconservation (Second Edition)

March 27-29, 2025

FINAL PROGRAMME



ProGEO SW Europe Regional Working Group

The ProGEO SW Europe Regional Working Group was established in 2010, bringing together members from Andorra, France, Italy, Portugal, and Spain.

Registration

The coordination team of the ProGEO SW Europe Regional Working Group warmly invites all those interested in geoheritage and geoconservation to join the Virtual Conference on Geoconservation scheduled for March 27-29, 2025.

Attendance the conference is free of charge and open to all, not just ProGEO members.

The event will be held entirely online, via the Microsoft Teams platform.

The conference link will be sent exclusively to those who register by March 25th.

Important dates

March 25 - Registration deadline

March 27-29 – Conference

The times listed in the program are in **CET (Central European Time)**.

Organising committee

Irene Maria Bollati, Elisa Brustia, Laura Melelli, Alessia Pica, Roberto Pompili, (Italy)
Isabelle Rouget (France)
Joana Rodrigues (Portugal)
Manu Monge-Ganuzas (Spain)



UNIVERSITÀ DEGLI STUDI DI MILANO
DIPARTIMENTO DI
SCIENZE DELLA TERRA "ARDITO DESIO"



ISPRRA
Istituto Superiore per la Protezione
e la Ricerca Ambientale



Under the auspices of



PROGRAMME 27 March

10.00-10:15

Welcome session

Session 1: Sustainable management and protection of geoheritage

Convenors: *Elisa Brustia & Roberto Pompili*

10:15-10:35

A renewed national inventory of geological heritage in Portugal

(Invited Keynote)

Machado S., Matos J.X., Brilha J., Pereira P., Aires R.,

10:40-10:50

Geosites and Geoconservation: new descriptive and evaluation forms from Piemonte Region (Italy) for the Geoheritage management

Bernardelli P., Giardino M., Salandin A., Drago D., Negri A., Storta E., Mantovani A., Borghi A., d'Atri A., Raviola F., the GeoSIT Piemonte team

10:50-11:00

Geoeducational programmes at the Grutas da Moeda, Portugal

Ejairu K., Pereira P., Guimarães D.

11:00-11:10

A novel approach to assess the degradation risk for sustainable geotouristic exploitation of geosites: a case study from Beigua UNESCO Global Geopark

Gianoglio F., Marescotti P., Kubalíková L.

11:10-11:20

Unveiling the Geoheritage of Gypsum Tumuli and Gypsum Tumuli Caves in the Spanish Sorbas Karst

Jarzyna A., Bąbel M., Czajkowska M.

11:20-11:30

A Geosite of My Own

Loureiro F., de Castro E., Cezar L.

11:30-11:40

Sustainable management and protection of a Late Albian-Cenomanian dinosaur tracksite from Mosqueruela (Maestrazgo UNESCO Global Geopark, Teruel, Spain)

Mampel L., Cobos A.

11:40-11:50

Geological heritage and conservation challenges in Andorra

Margalef A., Echeverria A.

11:50-12:00

Climbing crags: an unusual approach for science outreach in the frame of the CARG project

Marinoni A., Arrigoni F., Colzada G., Pigazzi E., Pezzotta A., Tantardini D., Conforto A., Apuani T., Tartarotti P.

12:00-12.10

Analysis of the IUCN Key Biodiversity Areas (KBA) and their relationship with potential IUCN Key Geoheritage Areas (KGA): The prospective case study of Spain

Monge-Ganuzas M.R.

12:10-12:20

Law protection and review of the Umbria Region's geosites: obstacle or opportunity?

Motti A., Berti F.

12:20-12:30

20 years of the Geoconservation Award (2004-2024): ProGEO Portugal efforts in recognising local geoconservation initiatives

Rodrigues J., Pereira P.

12:30-12:45 – Discussion

Session 2: Geoheritage and territorial planning

Convener: *Manu Monge-Ganuzas*

14:00-14:20

Geodiversity, functions, ecosystem services: What are they and how to integrate them within land-planning?
(Invited Keynote)

Scammacca O.

14:20-14:30

Identifying the UNESCO Global Geopark potential in mainland Portugal

Costa M., Pereira P.

14:30:14:40

Recognition of mine structures based on georeferenced maps of the “Cerasara” mine of Caulonia and Roccella Ionica (Calabria - Southern Italy)

Dattola L., Cirrincione R., Critelli S.

14:40-14:50

Volcanic geoheritage in monogenetic basaltic volcanism: 1909 Chinyero the last eruption of Tenerife (Canary Islands, Spain)

Dóniz-Páez J., Becerra-Ramírez R., Cornejo-Nieto C., Beltrán-Yanes E.

14:50-15:00

Inventory and evaluation of the geoheritage at the municipality of Ansião, Portugal

Forte J.

15:00:15:10

Tools for the management and planning of the landscape and agricultural spaces of the Orígenes Geopark

Pellicer X.M., Puras G., Mallol P., Francés M.

15:15-15:45 - Discussion

15:45-16:00

PRESENTATION OF THE SPECIAL ISSUE “GEOHERITAGE IN SOUTHWESTERN EUROPE: ADVANCES AND CHALLENGES”

Pereira P.

Session 3: Urban geoheritage and geocultural heritage

Convener: *Laura Melelli*

16:00-16:10

Rocks in the Street: Representation of Andorra's geodiversity

Gallego N., Margalef A.

16:10-16:20

Narrating the history of a territory through its geological and geomorphological heritage: an itinerary between Chiavenna and Piuro (Central Alps, Lombardy)

Arrigoni F., Pigazzi E., Tantardini D., Colzada G., Marinoni A., Apuani T., Tartarotti P.

16:20-16:30

From the local geodiversity to a database: The PCTO titled "Conoscere la Geodiversità"

Brustia E., Pompili R., Primerano P.

16:30-16:40

My village, my fossil: an operation to reconnect inhabitants and their geoheritage

Vautrin Q., Biot V.

16:40-16:50

Benefits of urban geoheritage for geotourism, education, and identity in cities

Vegas J., Díez-Herrero A.

16:50-17:00

“Gravine” canyons, amazing windows on urban development and geology. Examples from the rupestrian towns of the “Terra delle Gravine” regional park (Puglia, Southern Italy).

Venezia V., Bellini F., Festa V., Sabato L., Tropeano M.

17:00-17:10

The challenge of geological and cultural heritage conservation in urban areas

Bentivenga M., Pescatore E., Palladino G., Giano S.I.

17:10-17:30 - Discussion

PROGRAMME 28 March

Session 4: Natural and anthropic impact on geoheritage

Convener: Joana Rodrigues

10:00-10:20

**Scientific research on geoheritage: a key to sustainable land management and planning
(Invited Keynote)**

Vandelli V.

10:30-10:40

Shaping the Alps: two centuries of human influence on the landscape and geoheritage of the Stelvio Pass
Azzoni R.S., Forti L., Pelfini, M.

10:40-10:50

Historical volcanism geosites of La Palma (Canary Islands). Geoconservation and natural and anthropic threats.
Chicharro N., Vegas J.

10:50:11:00

Geoheritage degradation risk: a systematic literature review
Vandelli V., Selmi L., Faccini F., Ferrando A., Coratza P.

11:00-11:10

Methodological proposal for the quantitative assessment of the degradation risk of geosites
Ferrando A., Faccini F., Vandelli V., Coratza P., Reynard E.

11:10-11:20

Geoclimbing at La Pedriza del Manzanares (Madrid, Spain). Natural and anthropogenic weathering processes
García-Rodríguez M., Fernández-Escalante E.

11:20-11:30

Impact of climbing in soil compaction and erosion of La Pedriza Geosite
Pintado J.J., Carcavilla L., Ballesteros-Cánovas J.A., Franco-Ramos O., Gómez F., Ortega-Becerril J.A.

11:30-11:40

Criteria and indicators of urban geoheritage assessment for geoturistic use: the cultural values importance of geoheritage in Rome (Italy)

Pica A.

11:40:11:50

Impacts of climate change on the coastal geoheritage of Timanfaya National Park, Lanzarote Island, Spain
Vegas J., Ferrer N., Martín-González E., Romero C., Sánchez N., Lario J., Suárez-Pérez C.A.

11:50-12:10 – Discussion

Session 5: Conceptual issues in geoconservation and geotourism

Convener: Manu Monge-Ganuzas

12:15-12:30

Conceptual framework for geoconservation: geodiversity is a parameter and geoconservation must focus on geological heritage
Díaz-Martínez E., Carcavilla L., Vegas J.

12:30-12:45

Guiding Principles for management of Geosites/Geoparks, leading to Geo-education and Geotourism
Semeniuk V., Brocx M.

12:45-13:00 – Discussion

Session 6: Digitalisation of geological heritage

Convener: Isabelle Rouget

14:00-14:20

**Low-cost sensor networks for geoheritage protection: challenges and solutions for real-time cave monitoring
(Invited Keynote)**

Mendez N., García-Saura C.

14:30-14:40

XRCave - Augmented Reality in Caves

Dólera Fernández A., Lorene Marín, J.C., Durán Laforet, S.R.

14:40-14:50

Valorization of Cava Porcili (Apulia, southern Italy): 3D models for the study and recovery of an abandoned quarry

Lippolis, E., Spalluto, L., Sabato L., Tropeano, M.

14:50-15:00

Digital La Pedriza, integrating educational objectives, geoconservation, and sustainable development. the role of the website and Instagram of UNESCO

López Portillo H.

15:00-15:10

Enhancing Underground Cultural Heritage: Muography and LIDAR for Integrating Geology, Archaeology and Architecture

Melelli L., Borselli D., Marconi L., Beni T., Fanò L., Stoppini A., Bonechi L., Radicioni F.

15:10-15:20

The Italian Geosites Inventory: Technologies for consultation and conservation

Primerano P., Brustia E., Congi M.P., Funaro M., Guarino P. M., Lucarini M., Olivetta L., Pompili R., Vitale V.

15:20-15:30

Geomorphological mapping for geoheritage protection and valorisation: the digital database of the Adamello Brenta UNESCO Global Geopark (European Alps)

Seppi R., Scognamiglio E., Zanoner T., Carton A., La Licata M., Masè V., Viviani M., Zumiani M., Viganò A.

15:30-15:40

Geoscience popularisation in Geoparks: A Common Workflow for Digital Outcrop Modelling from the “3GEO” IGCP 714 Project

Williams M.A., Tronti G., Sartori Peruzzo R., García-Rodríguez M., Fazio E., Zucali M., Bollati I.M.

15:40-16:00 - Discussion

16.00-17.00 (CET)

Meeting of the South Western Europe ProGEO members

(Andorra, Italy, France, Portugal, Spain)

Coordinator: M. Monge-Ganuzas

PROGRAMME 29 March

10.00-14.00 (CET)

WORKSHOP ON DIGITALIZATION OF GEOLOGICAL HERITAGE

E. Fazio & I. M. Bollati

LINK FOR ALL THE SESSIONS AND THE DAYS

