

GM12.1/EOS **Essential variables influencing geodiversity: contributions to geoheritage in response to global change**

Wednesday, 06 May, 2020 8:30-10:15

Convener: Zbigniew Zwoliński

Co-conveners: Irene Bollati, Paola Coratza, Marco Giardino, Franziska Schrodt

8:30-8:45	KEYNOTE: Refining geodiversity variables for monitoring global mining Harry Seijmonsbergen , Joe McMeekin, Eline Rentier, Emma Polman, and Kenneth Rijdsdijk
8:45-8:55	Enhancing geodiversity in the Matese Regional Park (Southern Italy) using DPSIR model Paolo Magliulo, Filippo Russo, and Alessio Valente
8:55-9:05	Erosion monitoring of coastal cliffs of geoheritage significance – an example from north east England. Lesley Dunlop , Matthew J Westoby, and Michael Lim
9:05-9:10	The geodiversity of loess sequences in the Po plain (Northern Italy): scientific values, threats, and promotion opportunities (poster) Irene Maria Bollati and Andrea Zerboni
9:10-9:15	Geoheritage and Geotourism in the cities: the case of Santiago del Teide (Tenerife, Spain) William Hernández , Javier Dóniz-Páez, Monika Przeor, Nemesio Pérez, and Pedro A. Hernández
9:15-9:20	Geodiversity and Geomorphosites based Seasonal Economy in Cold Deserts of Indian Trans-Himalaya Krishnanand
9:20-9:30	Geodiversity through time: Changing badland landscapes due to anthropogenic and climatic forcing in the Northern Apennines (Italy) Mauro Soldati, Carlotta Parenti , and Paola Coratza
9:30-9:50	GIS and geomatics for hydrogeodiversity assessment of glaciated mountains: examples from the Western Alps (Italy) and the Coast Mountains (Canada) Luigi Perotti , Manuela Lasagna, Gilda Carraro, Cristina Viani, Federico Tognetto, De Luca Dominico Antonio, Gioachino Roberti, and Marco Giardino
9:40-9:45	Geomorphological diversity influence on population settlement Milutin Lješević and Ljiljana Mihajlović
9:45-9:55	Spatial Distribution of Chinese Traditional Villages and its Influencing Factors (poster) Yunong Wu , Bin Zhang, Burghard C. Meyer, Duo Xie, Yong Zeng, Wenjie Xu, Yulian Pan, and Guoliang Liu
9:50-9:55	Abiotic ecosystem services: an effective tool for geoconservation (poster) Lucie Kubalíková
9:55-10:00	Gd-ratio as a quantitative geoinicator of geodiversity assessment (poster) Alicja Najwer and Zbigniew Zwoliński
10:00-10:10	Geodiversity-biodiversity relationships in alpine environments: a biogeomorphic perspective Jana Eichel , Lisa Hauer, and Joseph J. Bailey
10:10-10:15	Conserving geo-heritage - Practical and application at Taiwan geoparks Jiun-Chuan Lin , Shew-Jiunn Su, Wen-Cheng Wang, Ying-San Liu, Jon-Yuan Wang
in reserve	Standard variables influencing geodiversity (poster) Zbigniew Zwoliński