
[EE] Evening Poster | M (Multidisciplinary and Interdisciplinary) | M-IS Intersection

[M-IS02]Conservation of geoparks, natural geosites and cultural heritage: weathering process and damage assessment

convener:Chiaki T. Oguchi(Institute for Environmental Science and Technology, Graduate School of Science and Engineering, Saitama University), Tetsuya Waragai(Graduate School of Science and Engineering, Nihon University), Miguel Gomez-Heras(Universidad Autonoma de Mdrid, 共同), Magdalini Theodoridou(School of Engineering, Cardiff University, Wales, UK)

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Geoparks, natural geosites and cultural geo-heritage are recognized as an important natural and cultural properties. Due to long years of suffering from weathering of rocks and earthen materials, they are often facing deterioration problems and somehow treatments or conservations might be necessary. Investigation from wide range of research fields such as geomorphology, engineering geology, geoarchaeology, conservation of cultural properties, petrophysics, geochemistry, geotechnical engineering, etc, however, our knowledge of many aspects of these materials is still limited. Here in this session, we accept discussions on original researches and case studies of documentation, measurement and monitoring techniques, experiments, predictive models, damage assessments, etc. We welcome papers from any kinds of research fields.

[MIS02-P02]Concept of preservation of dynamic erosional landform in Japanese Geopark

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In the Japanese islands located in the tectonically active and intensely denuded regions, the landform change rate is very fast. In such Japanese islands, the geological heritage often deforms and disappears. I gathered cases in which the landform change has advanced in such geological heritage, and categorized them. Based on the results, I discuss the methodology of conservation of dynamic erosion terrain in the geopark of Japan.