



Workshop:

ISPRA, NGI and the GEOMME Partnership – Synergies and Opportunities for Sustainable Landslide Mitigation and Management

June, 27th 2025 – Ex Cartiera Latina (Via Appia Antica, 42, 00179 Roma RM)

Organizers:

Vittoria Capobianco (NGI)

Graham Gilbert (NGI)

Alessandro Fraccica (ISPRA)

Fabio Pascarella (ISPRA)

Workshop Program

Time	Topic	Author
10:00 - 10:30	Arrival	
10:30-10:45	Welcome speech ISPRA	
Technical presentations		
10:45-11:00	InSAR techniques and multi-hazard assessment for cultural heritage monitoring threatened by instability phenomena	Dr. Federica Ferrigno (ISPRA)
11:00-11:15	Quantitative modeling of the resilience of bioengineering geotechnical systems	Prof. Marco Uzielli (UNIFI) <i>Online presentation</i>
11:15-11:30	Recent research activities related to Landslides at KAIST: From vegetation effect to debris flow-barrier interactions	Prof. Tae-Hyuk Kwon (KAIST)

11:30-11:45	Research and Development of Landslide Prediction Using Large-Scale Rainfall Simulator for International Collaboration	Dr. Tomohiro Ishizawa (NIED)
11:45-12:00	Effect of boulders on soil erosion and transportation of debris flows	Prof. Chan-Young Yune (GWNNU)
12:00-13:30	Buffet Lunch and Posters	
13:30-13:45	Analysis of Monitoring Data to Define Rainfall Proxy for Geohydrologic Behavior of Shallow Natural Slopes in South Korea	Dr. Joon-Young Park (KIGAM)
13:45-14:00	Nature-based solutions (NbS) as climate adaptation measures for landslide mitigation in Norway	Ph.D Amanda DiBiagio (NGI)
14:00-14:15	An operational IoT-based slope stability forecast using a digital twin	Dr. Luca Piciullo (NGI)
14:15-14:30	Hydro-mechanical characterization and numerical modelling of a landslide in a complex geological area	Dr. Alessandro Fraccica (ISPRA)
14:30-14:45	Intro Monte Mario case study	Dr. Saverio Romeo (ISPRA)
14:45	Departure for Monte Mario landslide site	

Link for virtual participation – [Microsoft Teams](#)

https://teams.microsoft.com/l/meetup-join/19%3ameeting_MzI3MDcxNTEtOTE2ZC00NmQxLTgyMjltM2ZmNjc0OTdhYmNh%40thread.v2/0?context=%7b%22Tid%22%3a%226974b762-8499-4845-b035-7b65c61c5a92%22%2c%22Oid%22%3a%227d65dc81-1cc7-4123-8566-57724eec5bdc%22%7d