



Consortium REDI – Open seminars

14 and 15 January 2025 – L'Aquila

(for online participation [click here](#): – id riunione: 84816564833, codice d'accesso: 007917)

Organization and chair: Marco Modica, Flavio Stimilli

Program

14 January 2025

Venue: GSSI, ex-INPS building (viale Luigi Rendina 26-28), conference room.

14:00 – 14:30 _ Registration of participants

14:30 – 14:45 _ Welcome greetings

Graziano Leoni, *Rector of the University of Camerino and President of the REDI Consortium*
Paola Inverardi, *Rector of the Gran Sasso Science Institute, REDI Steering Committee*

14:30 – 14:45 _ Introductory speech on REDI's activities: PhD curriculum, post-doc and early career researchers, outreach initiatives, research projects, training courses and support to governmental bodies

Massimo Sargolini, *Coordinator of the Scientific Committee of the REDI Consortium*
Flavio Stimilli, *Coordinator of the Technical-scientific Secretariat of the REDI Consortium*

15:00 – 16:30 _ First session

Flood risk and shapes of public space. Ground design layouts between adaptive performance and landscape quality – Simone Porfiri

Research, knowledge and dissemination for the prevention of geological risks – Fabrizio Bendia



The geological risk of large landslides and deep-seated gravitational deformations on active and inactive wave-cut cliff areas along the Marche Adriatic coast: their relationship with modern infrastructural development – Maurizio Consoli

Improving the Ground Motion Modelling for Seismic Hazard Purposes in Italy – Batoul Shoaib

Exploring Socio-Economic Outcomes and Community Responses to Planned Relocations: Landslide Case Studies from Cavallerizzo, Italy, and Kerala, India – Rahmath Beevi Kunnummal

The durability of civic and cultural participation: the effect of natural disasters over measures of community resilience – Lorenzo Biferale

16:30 – 17:00 _ *Coffee break*

17:00 – 18:30 _ *Second session*

Cultural heritage for the identity of populations in hazard prone areas. The Symbolic work “Madonna di Castelluccio” between past and future – Alessandro Delpriori

The study of the Franciscan cultural heritage in the 2016 seismic area and its importance for the identity and the reconstruction of the communities – Beatrice Menghini

Mitigating inequalities for a territory bouncing forward equity. Indicators for co-constructing post-crisis urban recovery projects – Ludovica Simionato

Socioeconomic effects of disasters on quality of life of women – Nialish Khan

Multilevel sustainable mobility. Integration strategies for Sustainable Urban Mobility Plans in the light of climate change – Alessia Guaiani

“MITIGAction!” and Sharper. Outreach initiatives to introduce vulnerability and risk issues at high school and to a broader audience – Alessandro Delpriori, Flavio Stimilli

18:30 – 19:00 _ *Discussion*



15 January 2025

Venue: GSSI, Ex-Isef building (viale Francesco Crispi 7), library.

8:30 – 9:00 _ *Registration of participants*

9:00 – 10:30 _ *Third session*

Exploring social factors of multiple natural hazards in Italian urban and rural areas – Laura Gallina

Analyzing and mapping multiple, potentially concurring natural hazards as a preliminary step for risk reduction – Pietro Marincioni

Multi-risk approach for improving urban and rural resilience. The case of settlements at river mouths in the light of sea level rise – Flavio Stimilli

Multi-hazard scenarios: participatory processes for more resilient communities and territories – Aline Soares Cortes

The role and potential of multi hazard-based serious games in raising disaster risk awareness and improving community resilience – Nariman Abdullayev

Long-term Economic Impact of Disasters: Evidence from Earthquakes in Italy – Ame Cho

The Legal Framework of Blockchain-enabled Digitalization and Decarbonization of Energy Sector: Leveraging Distributed Ledger Technology for Sustainable and Resilient Energy Supply Chain Transformation – Dmitry Chuprikov

10:30 – 11:00 _ *Coffee break*

11:00 – 13:00 _ *Fourth session*

Seismic risk reduction of buildings and infrastructures – Malek El Jamal

Retrofitting of buildings: internal bracing for existing building to achieve better performances during earthquakes – Fateme Hajari



Vision-based monitoring methodologies for infrastructure risk reduction – Francesco Allegrezza

Investigating the relationships between recent seismicity and geological structures at the hanging wall of the Alto Tiberina Fault – Federica Riva

Ground motion modelling of Italian historical earthquakes – Veronica Gironelli

Andesite magma degassing and crystallization processes associated with Plinian eruptions in active volcanoes in Mexico and Chile – Matías Vásquez Montoya

Measuring Agriculture Sustainability by using discounting method – Usman Ahmad

The Role of Green Infrastructure during Disaster Management in Italy. Designing for Sustainability – Razieh Mohammadzadeh

Corporate governance and legal management of environmental risk – Maria Ines Blankenhorst de Tarelli

13:00 – 13:30 _ Closing remarks and adjournment

Massimo Sargolini, Coordinator of the Scientific Committee of the REDI Consortium

13:30 – 14:30 _ Light lunch