



Embassy of Italy  
Zagreb

Following the earthquake that struck the area of Petrinja in 2020, a group of European scientists joined to launch a long-term geological, geomorphological and paleoseismological collaboration with the objective to contribute to the understanding of the seismic behaviour of the Petrinja and nearby faults and to support nationwide seismic hazard studies including the data from active faults and seismo-induced natural effects. With these premises, the scientists from the National Institute of Geophysics and Volcanology, Italy (*Istituto Nazionale di Geofisica e Vulcanologia*) and the Croatian Geological Survey (*Hrvatski Geološki Institut*) signed a Memorandum of Understanding which was the basis for the development of a common project under the aegis of the Italian Embassy in Zagreb. This project involves the transfer of knowledge and expertise in different Earth science fields, methodologies, technologies and instrumentation. The funding provided by the Embassy of Italy in Zagreb over the last two years contributed to a preliminary mapping of the active faults in the region of Zagreb and Petrinja, the definition of a preliminary seismic history of the Petrinja fault, and a revisitation of the 2020 coseismic liquefaction occurrences. All the results are harmonized and shared through a web GIS platform. Finally,

the **Embassy of Italy in Zagreb**  
organises the presentation of the  
**Earthquake Geology Studies in Central Croatia: Active Faults and Seismic Potential**  
conducted by the **National Institute of Geophysics and Volcanology**, Italy,  
in collaboration with the **Croatian Geological Survey**

**5<sup>th</sup> March 2024**

**Faculty of Science of the University of Zagreb**, Horvatovac 102a  
Lecture hall P1 at the Department of Chemistry

### **Programme**

- 10.00 Opening remarks
- *Prof. Mirko Planinić*, Dean of the Faculty of Science of the University of Zagreb
  - *Counsellor Valeria Baistrocchi*, Chargé d'Affaires a.i. of the Italian Embassy in Zagreb
  - *Dr Hrvoje Meštrić*, Director-General for Science and Technology at the Ministry of Science and Education
- 10.15 Introductory speeches
- *Dr Giuseppe Di Stefano*, Director of Section Rome 1 of the National Institute of Geophysics and Volcanology, Italy
  - *Dr Slobodan Miko*, Director of the Croatian Geological Survey
- 10.30 Presentation of the research
- *Daniela Pantosti*, Research Director at the National Institute of Geophysics and Volcanology, Italy
  - *Francesca R. Cinti*, Researcher at the National Institute of Geophysics and Volcanology, Italy
  - *Nikola Belić*, Geologist at the Croatian Geological Survey
  - *Josipa Maslač*, Researcher at the Croatian Geological Survey
- Q&A
- 11.40 Closing session – key messages
- *Branko Kordić*, Research Associate at the Croatian Geological Survey
- 11.50 Finger buffet

The event will be moderated by *Dr Iva Dasović*, Assistant Professor at the Department of Geophysics of the Faculty of Science.

The working language of the conference is English.