

# GeoSciences IR @ 6<sup>th</sup> World Landslide Forum

## New technologies for landslide monitoring and mapping

Friday, November 17<sup>th</sup> 14.30 - 16.00

PALAFFARI Basement HALL -1, Piazza Adua 1 Florence

GeoSciences IR is a project funded by NextGenerationEurope programme, with the goal of establishing a research infrastructure for the Italian Network of Regional Geological Surveys. The project involves the participation of 16 partners from academic and research institutions. The GeoSciences IR event at WLF6 aims to present innovative landslide monitoring techniques, methods for landslide mapping and inventories updating, landslide risk analysis and mitigation measures under implementation in the project.

*Conveners:* Daniele **Spizzichino** and Alessandro **Trigila** - ISPRA

- 14:30 *Welcome greetings*  
Marco **Amanti** - Director of the Department for the Geological Survey of Italy - ISPRA
- 14:40 *GeoSciences IR: a research infrastructure for Regional Geological Surveys*  
Luca **Guerrieri** - ISPRA
- 14:50 *Monitoring rock slope stability in high-mountain regions*  
Giovanni Battista **Crosta**, Paolo **Frattini** - University of Milano Bicocca
- 15:00 *Methods for landslide risk monitoring*  
Federico **Raspini** - OGS – University of Florence
- 15:10 *Increasing the number of landslide laboratories through photomonitoring solutions*  
Paolo **Mazzanti**, Gian Marco **Marmoni** - Sapienza University
- 15:20 *Update landslide inventories by addressing related criticalities*  
Rita **Tufano** - University of Napoli Federico II
- 15:30 *A susceptibility-oriented approach for the implementation of regional landslide inventories*  
Chiara **Martinello** - University of Palermo
- 15:40 *Design approaches for landslide risk mitigation through structural measures*  
Settimio **Ferlisi** - University of Salerno
- 15:50 *Discussion*

