

PE3 PNRR –RETURN Spoke VS2 – Young Day

Introduzione ai progetti di Dottorato e di Assegni di Ricerca in ambito di Spoke

S. Martino, F. Bozzano, D. Calcaterra, D. Di Martire

19 Gennaio 2024

(14.00-17.30 –Aula Lucchesi, Dip. Scienze
della Terra – Roma Sapienza)

14.00 – Introduzione (Spoke Leadership)

14.10 – Chiara Di Muro (Univ. Federico II, Napoli)

Artificial Intelligence as a tool for ground instabilities hazard assessment

14.20 – Letizia Pace (Univ. Bari)

The role of hydrological circulation in the initiation process of debris flows in the campanian volcanic terrain.

14.30 – Rossana Napolitano (Univ. Sapienza, Roma)

Set – up of a comprehensive framework for geo – hydrological hazard and risk assessment for statutory purposes

14.40 – Simona Marano (Univ. Sapienza, Roma)

Application of time-lapse ambient seismic noise for multi-hazard assessment in landslide involved slopes

14.50 – Rajendranshobha Ajin (Univ. Firenze)

Methods for mapping geo-hydrological processes for the hazard and risk definition at national level

15.00 – Giulia Messina (Politecnico di Torino)

Effects of climate change on the stability of surface debris cover

15.10 – Marco Bracci (Univ. Palermo)

Gravitational instability and submarine volcanism in the sicilian offshore

15.20 – Roberta Narcisi (Politecnico di Torino)

Hydrogeological aspects for ground instability analysis

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15.30 – Flaviana Fredella (Univ. Bari)

Integrated use of geophysical techniques for the identification of slopes susceptible to earthquake induced landslides in urban and peri-urban areas

15.40 – Giusy Floriana Valentino (Univ. Palermo)

The impact of intense and prolonged drying on ground instabilities

15.50 – Kaven Hoorfar (Univ. Genova)

Landslide susceptibility assessment and mapping at wide scale

16.00 - Giuseppe Bausilio (Univ. Federico II, Napoli)

The impact of intense and prolonged drying on ground instabilities

16.10 – Mattia Bondanza (Univ. Genova)

The impact of intense and prolonged drying on ground instabilities

16.20 – Niccolò Parrino (Univ. Palermo)

Eroding edges: Exploring the tectonic forcing on submarine canyon evolution

16.30 – Andrea Pasqua (Politecnico di Torino)

Optimising Debris Flow Studies: coupling depth-averaged and three-dimensional models to study debris flow propagation and impact with mitigations structures

16.40 – Giulia La Porta (Politecnico di Torino)

Numerical modelling of rainfall-induced shallow landslides: from triggering to runout

16.50 - Discussione