

Mid-Term Project Update

Friday, 13 February 2026

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Department of
Geosciences



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



PROGRAMME

9:30 – 9:45 N. Surian: Geosciences for Sustainable Development: project overview

9:45 – 10:00 M. Ghinassi: Geosciences for Sustainable Development: progress update

10:00 – 10:15 G. Cassiani: Critical zone investigations

10:15 – 10:30 I. Barone: Characterizing Alpine Permafrost through Seismic Surface Waves

10:30 – 10:45 Coffee break

10:45 – 11:00 F. Catani: The Operational HPC and AI Infrastructures

11:00 – 11:15 A. Finotello: Eco-morphodynamics of estuarine and fluvial landscapes under climate changes and human impacts

11:15 – 11:30 M. Fondriest: The internal structure and hydro-mechanical properties of seismogenic fault zones

11:30 – 12:15 V. Prigibbe and V. Brombin: Visit to the new environmental geochemistry laboratory

12:15 – 14:00 Lunch break

14:00 – 14:15 K. Bellomo Repetto: Ocean circulation and climate change

14:15 – 14:30 F. Sauro: Beyond Karst: expanding our knowledge about speleogenesis on Earth and in the Solar System

14:30 – 15:00 PhD research projects (6 flash talks)

15:00 – 15:30 L. Maritan and B. Cesare: Visit to the new digital microscopy classroom

15:30 – 16:00 M. Massironi: Digital outcrop visualization in the implemented virtual reality classroom