

CALL FOR SESSIONS

BACK TO FIELD - METHODS, TECHNIQUES AND EXPERIENCES OF FIELD DATA COLLECTION

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ABSTRACT SESSION

Field data are fundamental for understanding geo-hydrological, hydrogeological and hydraulic processes, as well as paleo-climatic reconstructions. Moreover, they are essential for calibrating and validating models, and for the validation of remote-sensing and geoprocessing results.

This session aims to collect and share experiences on methods and techniques accrued in the collection of field data and their exploitation in mapping and modelling activities, on the following topics:

- landslides,
- erosion,
- sediment transport,
- hydraulic measurements,
- droughts,
- soil and water sampling,
- damage caused by natural events.

We encourage the presentation and discussion of case studies on extreme weather and climate events, and long-term measurements in pilot sites. Contributions about post-event field surveys are particularly welcome as they are crucial for event characterization.

The session will be an opportunity to gather experiences gained in IRPI, and within the ongoing collaborations with universities and other research institutes, to highlight synergies and points of contact between the research groups to define the know-how required for the collection and characterisation of the ground effects of extreme events, and also for the reconstruction of the paleo-climate.