

Webinar Series on:

Landslide Monitoring for Early Warning Systems (second edition, "April" 2022)

Wednesday 6th, 20th, 27th, April 2022, and 4th, May 2022

Venue: online

This series of webinars is organized within the framework of 'PyrMove' and 'GeoRisk' projects as part of dissemination activities.

The four **one-hour webinars** aim to present new techniques and concepts that might help in landslide monitoring and modelling. These new solutions may be the base of some Early Warning Systems for controlling and managing the risk, in order to reduce damage or losses.

Webinars agenda

Wednesday, 6th of April, 2022. **15h-16h** (CEST)

Mixed Reality tools for visualization of complex spatial data in geomechanics

Joan Roca (BGC Engineering)

Wednesday, 20th of April, 2022. **14h-15h** (CEST)

Distributed fiber optic sensing for geotechnical monitoring

Werner Lienhart (T. U. Graz)

Wednesday, 27th of April, 2022. **14h-15h** (CEST)

Filling the gap between monitoring and modelling in geotechnical engineering

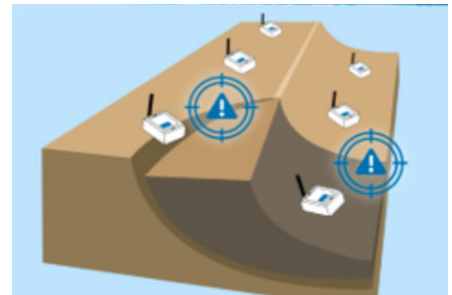
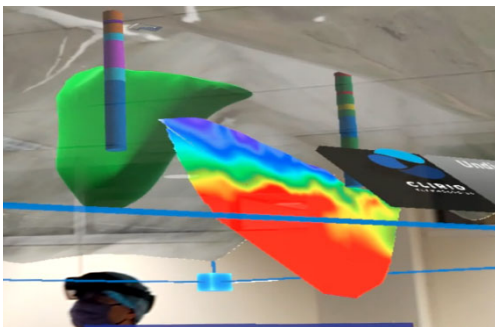
Cristian de Santos (SAALG Geomechanics)

Wednesday, 4th of May, 2022. **14h-15h** (CEST)

Slope stability monitoring using Remote IoT Technology.

Àngela Lluch & Víctor Salines (WorldSensing)

For additional information, please, contact the webinars 'curators': j.gili@upc.edu marc.janeras@icgc.cat
Technical University Catalonia (UPC) & Institut Cartogràfic i Geològic de Catalunya (ICGC), Barcelona (Spain)



Practical directions to follow the webinars

The technical sessions will be held in English.

The attendance is free.

The webinars will be held **online** through a Google MEET session.

For the first webinar (Wednesday, 6 April · 15:00) the link will be:

<https://meet.google.com/sif-ftdu-oxd> (MEET 'code': sif-ftdu-oxd)

Next sessions will use a different MEET code. To be invited to one or several days, a simple pre-webinar registration is required: you must send an email to EWS.webinars.April2021@gmail.com (the "2021" in the address is not a mistake, this gmail was configured for the 1st edition!) indicating your intention to attend to one or several webinars. You will receive the webinar link the day before each session.

About the projects

The Technical University of Catalonia (UPC) and the Institut Cartogràfic i Geològic de Catalunya (ICGC), among others, are collaborating in the projects '**PyrMove**' and '**GeoRisk**'.

The '**PyrMove**' project, "Prevention and cross-border management of risk associated with landslides" (Ref. EFA364/19), is funded by Interreg V-A, POCTEFA, and by the European Regional Development Fund, ERDF. More information: <https://www.pyrmove.eu/>

The '**GeoRisk**' project, "Advances in rockfall quantitative risk analysis (QRA)" (Ref. PID2019-103974RB-I00/AEI / 10.13039/501100011033), is funded by the Agencia Estatal de Investigación (AEI) on the framework of the State Plan of Scientific-Technical Research and Innovation. (More info: <https://georisk.upc.edu/en>).

Both projects aim to advance in the knowledge of the hazard of large landslides and rockfalls in order to improve the associated risk management. One of the main tasks of the '**PyrMove**' and '**GeoRisk**' projects is to disseminate risk mitigation solutions among the professionals and enterprises working in this field, including the institutions and the authorities responsible of the landslide-prone areas. Therefore, **this webinars series is part of the dissemination activities of these projects.**

Organizers:



GeoRisk



Collaborators:



www.bgcengineering.ca

www.igms.TUGraz.at

www.saalg.com

www.worldsensing.com