

# Applied Geology

Alessandro Corsini, Francesco Ronchetti

### CONTACTS

Prof. Alessandro Corsini  
[alessandro.corsini@unimore.it](mailto:alessandro.corsini@unimore.it)  
Tel. +39 059 205 8460

Dr. Francesco Ronchetti  
[francesco.ronchetti@unimore.it](mailto:francesco.ronchetti@unimore.it)  
Tel. +39 059 205 8464

[www.geoapp.unimore.it](http://www.geoapp.unimore.it)

### RESEARCH TOPICS

The Group of Applied Geology Research deals with:

- monitoring and definition of reactivation mechanisms of large landslides with slow kinematic;
- delimitation of areas in danger of landslides using spatial models and deterministic;
- assessment of resources and underground water stocks in mountain areas;
- assessment of resources and groundwater stocks in the plain areas.

The region of main interest is the Emilian side of the northern Apennines. The research group primarily deals with the study of landslides events and of groundwater.

The research activities are mainly carried out in the Northern Apennines, the central Alps and the Po Valley. These investigations are performed in collaboration with public institutions that operate for the protection of land: Regions, Provinces and Civil Protection Department.

The main research activities of the Group and the results are presented in national and international scientific conferences with oral presentations or posters and are published in national and international scientific journals.

For more details, visit the [Group website](#).