



Andrea Cevasco

Associate professor

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Education and training

2001

PhD in Earth Sciences

PhD Thesis in Engineering Geology "Landslides and rock failure phenomena in steep rocky coast of eastern Liguria"

University of Genova - Genova - IT

Academic experience

2017 - ONGOING

Associate Professor (permanent position) Scientific Sector GEO/05 - Engineering Geology

University of Genova - Genova - IT

2005 - 2017

Researcher (permanent position) Scientific Sector GEO/05 - Engineering Geology

University of Genova - Genova - IT

2002 - 2004

Post-doctoral fellow

University of Genova - Genova - IT

Research activity on seismic risk prevention

Teaching activity

Teaching activity in the frame of the Bachelor and Master Courses in Earth Sciences, Engineering, Marine Environmental Sciences, and Geophysical Sciences at the University of Genova:

M.Sc. in Earth Sciences: **Engineering Geology** (6 CFU) (2018/19; 2017/18; 2016/17; 2015/16; 2010/11)

M.Sc. in Engineering for Natural Risk Management, **Landslide Hazards** (5 CFU) (2017/18)

B.Sc. in Earth Sciences: **Engineering Geology and Environmental Law" – Mod. 1** (9 C.F.U.) (2018/19; 2017/18; 2016/17; 2015/16; 2014/15; 2013/14; 2012/13; 2011/12; 2010/11)

LS in Earth Sciences: **Planning Land and Geological Resources** (3 C.F.U.) (2010/11; 2009/10; 2008/09; 2007/08; 2006/07)

B.Sc. in Civil and Environmental Engineering: **Engineering Geology** (6 C.F.U.)

(2010/11)

M.Sc. in Geophysical Sciences: **Laboratory of Soil and Rock Mechanics**
(2 C.F.U.) (2009/10; 2007/08)

M.Sc. in Marine Environmental Sciences: **Coastal Engineering Geology and Thematic Cartography** (2 C.F.U.) (2010/11; 2009/10; 2008/09; 2007/08; 2006/07; 2005/06)

B.Sc. in Earth Sciences: **Engineering Geology and Hydrogeology**(4 C.F.U.)
(2010/11; 2009/10; 2008/09; 2007/08; 2006/07)

B.Sc. in Earth Sciences: **Introduction to Engineering Geology** (6 C.F.U.)
(2008/09; 2007/08; 2006/07; 2005/06)

Since 2005 I have been supervisor of 53 Thesis for the Bachelor and Master Degree Courses in Earth Sciences and Environmental Sciences.

Research interests

- prediction, prevention and mitigation of geo - hydrological hazard focusing, in particular, on shallow landslides susceptibility assessment, risk mitigation measures and critical rainfall thresholds for triggering shallow landslides;
- rock failure susceptibility assessment in steep rocky coast environments;
- evolutionary processes and monitoring of large landslides and Deep-Seated Gravitational Slope Deformation (DSGD);
- engineering geological characterization of geologic (soils, rocks) and waste materials;
- engineering geological investigations for seismic microzonation;
- relationships between coastal landslides and sedimentary dynamics;
- applied geology for the study of sites of historical-environmental interest.

Grants

2017 - ONGOING

MAREGOT

Participant

Interreg Maritime

2010 - 2013

ResMar

Participant

Interreg Maritime

2001

GERIA

Participant

Interreg Transnational

Editorial activity

Editorial board: Rendiconti Online della Società Geologica Italiana

Reviewer for the following journals: Science of the Total Environment;

Journal of Hydrology; Land Degradation & Development; Bulletin of

Engineering Geology and the Environment; Geomatics, Natural Hazards and Risk; Journal of Mountain Science; Egyptian Journal of Remote Sensing and Space Sciences, Rendiconti Online della Società Geologica Italiana, Atti della Società Toscana di Scienze Naturali

Assignments abroad

Universidad Complutense de Madrid (research stage from January to July 1999)