

Simone Barani

Associate Professor

EDUCATION AND TRAINING

2007

Ph.D. in Geophysics

Probabilistic Seismic Hazard Analysis (PSHA): Declustering, Logic Tree, Sensitivity, and Treatment of Uncertainties
University of Genoa - Genoa - IT

2003

Master Degree in Geology

Pericolosità Sismica e Fenomeni di Amplificazione Locale in Toscana: il caso della Garfagnana - 110/110 e lode
University of Genoa - Genoa - IT

PROFESSIONAL HISTORY

2021-2023

RTD-B Researcher

University of Genoa - Genoa - IT

2017-2020

RTD-A Researcher

University of Genoa - Genoa - IT

2007-2016

Research fellow

University of Genoa - Genoa - IT

ACADEMIC APPOINTMENTS

Nov. 2025-Nov. 2028

Coordinator of the MSc course in Engineering for Natural Risk Management

University of Genoa - Genoa - IT

2023-2025

Coordinator of the project “Progetto Nazionale Geologia” of the so-called Piano Lauree Scientifiche (PLS), Decreto del Segretario Generale n. 1295 del 4.8.23.

University of Genoa - Genoa - IT

EXPERIENCE

SCIENTIFIC RESPONSIBILITY FOR RESEARCH PROJECTS

2022-2025

Coordinator of the activities of the Seismological Laboratory of the University of Genoa within the framework of the Ecosistema dell’Innovazione “RAISE (Robotics and AI for Socio-economic

Empowerment)", Spoke 3 WP 2 "Smart Technologies for Environmental Monitoring and Territory Management", funded by the program PNRR MUR – Missione 4, Componente 2, Investimento 1.5.

University of Genoa - Genoa – IT

[2014-2015](#)

Coordinator of the Task 4 "Site-specific seismic hazard assessment" of the DPC-INGV S2-2014 research project entitled "Constraining OBServAtions into Seismic hazard (COBAS)"

University of Genoa - Genoa – IT

[2012-2013](#)

Coordinator of the Task 4 "Site-specific seismic hazard assessment" of the DPC-INGV S2-2012 research project entitled "Constraining OBServAtions into Seismic hazard (COBAS)"

University of Genoa - Genoa – IT

EDITORSHIP OR PARTICIPATION IN EDITORIAL BOARDS OF JOURNALS, PUBLISHING SERIES, ENCYCLOPAEDIAS AND TREATISES

[2021-2022](#)

Topic Editor of the special issue "New challenges for risk mitigation in urban areas" of the international journal *Frontiers in Earth Science* (section: Geohazards and Georisks).

PARTICIPATION IN THE CREATION OF NEW BUSINESS ENTITIES (SPIN-OFFS), DEVELOPMENT, USE AND COMMERCIALISATION OF ACADEMIC PATENTS

[2009](#)

Founder and CEO (2009-2023) of the academic spin-off company GEAmb Srl.