



Riccardo Berardi

Associate professor

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Education and training

1992

PhD in Geotechnical Engineering

Shallow foundations on sands. Design Parameters
Technical University (Politecnico) - Turin - IT

1987

Masted Degree in Civil Engineering (Hydraulic section)

Progetto di diga foranea in alto fondale con nuovi criteri statistici per la previsione dell'ondata di progetto - 110/110 e lode
University of Genoa - Genoa - IT

Academic experience

1998 - ONGOING

Associated Professor of Geotechnical Engineering

University of Genoa - Genoa - IT
Coordinator of the Bachelor and Master Degrees in Civil and Environmental Engineering (2012-2018).

1993 - 1998

Assistant Professor of Geotechnical Engineering

University of Genoa - Genoa - IT

Language skills

English

Proficient

Teaching activity

- Teaching
 - Soil Mechanics;
 - Foundations;
 - Rock Mechanics;
 - Geotechnical problems in built environment;
 - Environmental Geotechnics;
 - Slope stability

- Tutor of more than 170 Degree and Master's Degree Theses
- Lecturer in 2nd level Master courses
- Lecturer and Organizer for continuing education courses and professional training, on the issues of hydrogeological risk, structural safeguarding and retrofitting and on the general topics of Geotechnical Engineering.

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

Supervisor:

Dr. Rossella Bovolenta (PhD XV cycle - PhD thesis year 2003)

Dr. Daniele Gualco (PhD XVII cycle - PhD thesis year 2005)

Dr. Gabriele Mercurio (PhD XX cycle - PhD thesis year 2008)

Dr. Ludovica Cambiaggi (PhD XXXII cycle - PhD thesis year 2020)

Dr. Daniela Sauvageon (PhD XXXIV cycle - underway)

Dr. Marco Mazzuoli (Post Doc - years 2013-2015-2016)

PhD committees membership

Member of the board of the PhD School on Civil, Chemical and Environmental Engineering:

- Structural and Geotechnical Engineering, Mechanics and Materials section

Member of the board of the PhD School on Security, Risk and Vulnerability:

- Risk and Resilience Engineering for the Natural, Industrialized and Built environment section

Research interests

Main research interests:

- soil and rock mechanics,
- soil-structure interaction,
- foundation engineering problems,
- deep excavations and retaining structures,
- slope stability,
- geosynthetic applications,
- model testing,
- satellite monitoring.

Grants

2012 - 2015

Landslide risk mitigation through sustainable countermeasures

Italian Ministry of University and Research - IT
80.590 - Participant

Editorial activity

- Member of the Editorial Board of the Italian Geotechnical Journal
- Reviewer Italian Geotechnical Journal
- Reviewer CRC Press – Taylor & Francis Group
- Reviewer AJSE Asian Journal for Science and Engineering

- Head of the scientific and organizing Committee of Convegno XVI IARG 2018 (Incontro Annuale Ricercatori di Geotecnica – Genova 2018).

- Member of International Technical Committee “TC-306 Geo-Engineering Education” della International Society of Soil Mechanics and Geotechnical Engineering
- Member of International Technical Committee “ITC 18 Pile Foundations” della International Society of Soil Mechanics and Geotechnical Engineering.

- Member of the Technical Committee “Raccomandazioni AGI per l'impiego dei Geosintetici nel Rinforzo del Terreno” - Associazione Geotecnica Italiana.
- Member of the Technical Committee “Linee guida per la progettazione dei pali di fondazione” – AGI-Associazione Geotecnica Italiana.
- Member of the Committee “Coordinamento delle attività per la diffusione della cultura geotecnica” - AGI-Associazione Geotecnica Italiana.

- Member of the Technical Committee 'Comitato Tecnico di Bacino – Organo di consulenza tecnica dell'Autorità di Bacino Regionale- Regione Liguria' (2010-2016).