

Nicola Corradi

Associate Professor

- nicola.corradi@unige.it
- +39 0103538261

Education and training

1976

Laurea in Scienze Geologiche

110/100 with honors

Università di Genova - Genova - IT

Academic experience

2021 - ONGOING

Contract Professor in Marine Geology (Geo/02)

University of Genoa - Genoa - IT

1998 - 2021

Associate Professor in Geology and Marine Geology (Geo/02)

University of Genoa - Genoa - IT

1980 - 1998

Permanent Researcher in Sedimentology

University of Genoa - Genoa - IT

1978 - 1980

C.N.R. fellow

University of Genoa - Genoa - IT

Launguage skills

English

Good

Teaching activity

Courses held during the academic years:

- Sedimentologia: 1991- 2000;
- Litologia e Geologia: 1998 – 2009;
- Evoluzione delle coste e della Piattaforma Continentale: 1998 – 2009;
- Processi sedimentari e rischi naturali dei sistemi costieri: 2003 – 2007;
- Geologia marina e depositi sedimentari dell'Oceano Meridionale: 2004 – 2009;
- Fondamenti di Geologia, modul: Geologia: 2010 - 2021;
- Geologia Marina (Laboratorio integrato e Campagna Ambientale): 2010 – 2021;

- Geologia Marina: 2004 - 2021;
- Geologia del sedimentario (course-internal lectures in: Geologia II): 2010; Geologia 2, modul 2: 2009 - 2021;
- Marine Geology for Hydrography: 2018 - 2021

Courses held as Contract Professor:

2021-2024

- Fondamenti di Geologia – modul: Geologia
- Campagna Ambientale – modul: Geologia Marina
- Course-internal lectures in Marine Geology 34967: 2024
- Campagna Ambientale – modul: Geologia Marina

Institutional and teaching activities for the Master's Degree in Marine Geomatics (Perform – Hydrographic Institute of the Italian Navy):

- 2009/10 Member of the Management Committee. Lecturer in Marine Geology
- 2012/13 Member of the Management Committee
- 2014/15 Member of the Management Committee
- 2016/17 Member of the Management Committee
- 2021/22 Member of the Management Committee
- 2023/24 Member of the Management Committee
- 2024/25 Member of the Management Committee

Research interests

-- Since 1987, I have participated in research for the Progetto Nazionale di Ricerche in Antartide (PNRA) and have carried out seven oceanographic cruises (VI[^] 1990/91, X[^] 1994/95, XI[^] 1995/96, XIII[^] 1997/98, XIV[^] 1998/99, XVII[^] 2001/02, XX[^] 2004/05). I was the Coordinator for Marine Geology in four cruises and the Scientific Director of cruises XIV[^] and XVII[^]. Over the years, the lines of research have focused on: 1987-1991: Suspended matter and hydrology; 1992-1999: Glaciology and paleoclimate, Recent climate cycles in the Ross Sea, Acquisition of paleoenvironmental data contained in marine and terrestrial sediments; 2000-2010: Geology, Paleoclimate evolution in Southern Ocean sediments, and Sedimentary records of Late Quaternary and Holocene climate fluctuations in sediments from the coastal sectors of Victoria Land and the Central Trough/Joides Basin (western Ross Sea).

Since 1996, I have collaborated with the National Institute of Oceanography and Applied Geophysics -OGS in Trieste on the international projects Wega (Wilkes Basin Glacial History) - "Cenozoic dynamics of the East Antarctic ice sheet in the Wilkes Basin region" and SEDANO II (Sediment Drifts on the Antarctic Offshore) (PNRA); TYTAN - Totten Glacier Dynamics and Southern Ocean circulation impact on depositional processes since the mid-late Cenozoic (2015-2019).

-- From 1988 to 1990, I participated in the EU CORINE project.

-- From 1991 to 1993, I was a co-investigator in the EU ERS1-ESA TELSAT/II/16 project at the University of Liège (Belgium).

-- From 1992 to 1994, I collaborated with the Institutes of Naval Automation in Genoa and the Thalassographic Institute in Taranto of the CNR.

-- In 1995, I was a member of the Technical Committee for Geological Cartography, CARG project, of the Liguria Region. Since 2021, I have been participating in studies for the compilation of the offshore part of three geological sheets.

- Since 2000, I have collaborated on the Interreg IIIB Beachmed–Meddoc projects (in collaboration with the Liguria Region) and IIIC (2005-2008), and I have coordinated the University of Genoa unit for the Beachmed-e ReSaMMé project. “Development of research on underwater deposits in the Mediterranean area to determine the potential of sand that can be used for beach nourishment in areas affected by erosion and to define and share guidelines for future research”
(http://www.unige.it/ricerca/prog_euint/interreg_c.shtml)
- From 2006 to 2010, I participated in several international TEMPUS-EU projects with the University of Tangier (Morocco) and from 2007 to 2008 in projects under the Italy-Tunisia Bilateral Agreement of the Ministry of Foreign Affairs, with specific mobility for teaching, conferences, and research.
- From 2006 to 2010, I participated in activities promoted by the EU COST ACTION 638 Project "Investigating and managing the impacts of marine sand and gravel extraction and use – MAGNET.
- From 2007 to 2013, I participated in the MaGIC Project - Marine Geohazards Along the Italian Coasts of the Civil Protection Department, in collaboration with the C.N.R.
- - From 2006 to the present, I have participated in marine geology research and related sea cruises at the Géoazur Laboratory of the University of Nice-Sophia Antipolis, Sorbonne Universités-Paris, Géoazur-Valbonne, France.
(<https://geoazur.oca.eu/fr/acc-geoazur>)

Other research and professional interests

- Founding member in 2003 of the Associazione Italiana per la Geologia del Sedimentario - GeoSed.
- Founding member in 2005 of the association: Gruppo Nazionale di Ricerca sull'Ambiente Costiero - GNRAC, of which I have been Vice President and Honorary member since 2022.
- Since 2017, I have been a member of the Accademia Ligure di Scienze e Lettere, of which I have been Secretary General since 2024