

Laura Cutroneo

Researcher (RTD-A) in GEOS-04/C - Oceanography, meteorology and climatology

EDUCATION AND TRAINING

2022

PhD in Earth Sciences

Use of microseismic data to monitor significant sea wave heights in support of marine weather forecasting and coastal protection

University of Genoa (Italy)

2007

First level Master

Aquaculture: resources, impact and management (MARIG2006)

University of Genoa (Italy), Universidad Austral de Chile, University "Parthenope" of Naples (Italy), University of Palermo (Italy)

2005

Master Degree in Environmental Marine Sciences

The study of nepheloid layers for the recognition of dense water transit lines (Ross Sea - Antarctica)

University of Genoa (Italy)

PROFESSIONAL HISTORY

2023-ongoing

Researcher NRRP in GEOS-04/C - Oceanography, meteorology and climatology

Research, teaching. Main research topics: monitoring of the marine environment; dynamics and chemical-physical parameters of the water column; microplastic contamination of different marine environmental matrices; management and treatment of dredged port sediments.

University of Genoa (Italy)

2014-2018

Research fellow

Study of the dynamics of the Port of Genoa, in combination with wind phenomena, as a result of the change in the morphology of the sea bottom following the dredging of the port.

University of Genoa (Italy)

2012-2014

Research fellow

Study of turbid plume diffusion related to port dredging by implementing the TASS model, Turbidity ASsessment Software, in Mediterranean areas.

University of Genoa (Italy)

[2009-2011](#)

Research fellow

Dynamics of the Antarctic cold-water from its origin in Polynya of Baia Terra Nova to its disappearance on the Cape Adare slope.

University of Genoa (Italy)

ACADEMIC APPOINTMENTS

[2023-2024](#)

Co-teacher of “Applied Physical Oceanography” for the Master Degree Course in Marine Biology and Ecology

University of Genoa (Italy) - DISTAV

[2024-ongoing](#)

Co-teacher of “Oceanographic measurements and instrumentation” for the Bachelor Degree Course in Geological Sciences

University of Genoa (Italy) - DISTAV

[2025-ongoing](#)

Co-teacher of “Applied Physical Oceanography” and “Atmosphere and climate evolution” for the Master Degree Course in Geological Sciences

University of Genoa (Italy) - DISTAV

EXPERIENCE

MAIN SEMINARS

[2005-ongoing](#) Participation in numerous national and international congresses including:

3rd International Conference on the “Oceanography of the Ross Sea – Antarctica; International SedNet Conferences; AGU Chapman Conference on Volcanism and Atmosphere; ASLO Aquatic Sciences Meeting; EGU General Assembly; International Conference on Sustainable Solid Waste Management; Dissemination Workshops of the NRRP RETURN “Multi-risk science for resilient communities under a changing climate” Project.

EUROPEAN PROJECTS

[2017-2023](#) Communication Manager in the SEDITERRA, SINAPSI and SPash&Co projects within the Interreg Italy-France Maritime 2014-2020 Programme
University of Genoa (Italy)

[2017-2020](#) Participation in the Interreg Italy-France Maritime 2014-2020 project SEDITERRA ‘Guidelines for the treatment of dredged sediments in the Maritime area’..

[2018-2021](#) Participation in the Interreg Italy-France Maritime 2014-2020 project GEREMIA “Wastewater management for the improvement of port waters”.

2018-2020 Participation in the Interreg Italy-France Maritime 2014-2020 project SPlasH! “Stop plastics in H₂O!”.

2019-2023 Participation in the Interreg Italy-France Maritime 2014-2020 project SINAPSI “Assistenza alla navigazione per un accesso sicuro al porto”.

2022-2024 Participation in the Interreg Italy-France Maritime 2014-2020 project SPlasH&Co “Stop plastics in H₂O at the time of Covid”.

ORGANISATION OF INTERNATIONAL CONFERENCES AND MEETINGS

2017 Participation in the organization of the 10th International Conference SedNet 2017, held in Genoa, Palazzo San Giorgio from 14 to 17/06/2017, in cooperation with the organizational secretariat of the Dutch DELTARES.

2017-2023 Participation in the organization of kickoff meetings and final events of the European projects SEDITERRA, GEREMIA, SPlasH!, SINAPSI and SPlasH&Co within the framework of the Interreg Italy-France Maritime 2014-2020 Programme.

RESEARCH ARTICLES

Author of 61 publications in ISI peer-reviewed journals.
Total citations: 1107 | h-index: 19 (Scopus, 16/07/2025).

Co-author of more than 80 posters, abstracts and oral presentations at national and international congresses.