



Fedra Gianoglio

Ph.D. student in Earth Science
University of Genova



Genova, Italy



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I'm a second year Ph.D. student in *Science and Technologies for the Earth and Environment* curriculum *Earth Sciences* at the *University of Genova*.

My research combines geological and environmental investigations with socio-economic studies regarding ecosystem and geosystem services, both for the evaluation of geodiversity value and for the promotion of Beigua UNESCO Global Geopark (Liguria, Italy)

Education and training

2021 MSc degree in Conservation and Management of Nature LM-60

University of Genova - DISTAV - Genova, Italy

"Environmental sustainability assessment of the non-intensive agro-livestock supply chain in Liguria" - 110/110 with honors

Tutor: Prof. Paolo Vassallo

Co-tutor: Prof. Mauro Mariotti

2018 BSc degree in Environmental and Natural Sciences L-32

University of Genova - DISTAV - Genova, Italy

"Exploratory investigation of the interaction between Hymenoptera of the genus *Bombus* and Angiosperms" - 105/110

Tutors: Prof. Loris Galli, Dott. Claudio Bellantuoni

Academic experience

2022 - ongoing PhD student in Earth Sciences

University of Genova - DISTAV - Genova, Italy

"Geodiversity assessment in the Beigua UNESCO Global Geopark (Liguria, Italy): valuing geoheritage through an innovative multiple-perspective approach"

Supervisor: Prof. Pietro Marescotti

Co-supervisors: Prof. Barbara Cavalletti, Prof. Mirca Zotti

Partecipation in conferences

- September 2023 - **10th International Conference on UNESCO Global Geoparks** - Marrakech, Morocco (oral presentation)
- September 2023 - **SIMP-SGI-SOGEI, AIV Joint Congress - The Geoscience paradigm: Resources, Risk and future perspectives** (oral presentation)

Teaching activities

- December 2022 - **Seminar for UniGe Senior** "Geoheritage of Beigua UNESCO Global Geopark"
- May 2023 - **Assistance for laboratory activities** with students in the master's degree program of "Geological Sciences" (teaching "Methods of investigation of geomaterials")
- June 2023 - **Supervisor Master's Thesis** in Geological Sciences - Academic year 2021/2022 - "Mineralogical, petrographic, and geochemical studies of geological background of soils in the Beigua UNESCO Global Geopark"

Language skills

Italian: mother tongue

English: good

Analytical skills

Optical Microscopy: advanced

Scanning Electron Microscopy (SEM) and Microanalysis (EDS): working knowledge

Raman spectroscopy: working knowledge

Field Portable X-ray Fluorescence (FP-EDXRF): working knowledge

X-Ray Powder Diffraction (XRPD): working knowledge

Memberships in scientific societies

March 2023 - ongoing: Italian Society of Mineralogy and Petrology (**SIMP**)

Research interests

The object of my study is the Beigua UNESCO Global Geopark, located in the Western sector of the Ligurian Alps (NW-Italy).

My research activity is focused on the evaluation of geodiversity and geological heritage for the development of geoconservation strategies and valorization actions. This main activity involves a multidisciplinary approach comprising i) mineralogical, lithological and geochemical analyses, ii) qualitative and quantitative assessment of geodiversity, iii) geodiversity-biodiversity relationships, and iv) valuation of geosystem and ecosystem services.

My other research interests are related to geotourism, geoeducation and valorization of local products and of *terroir*.

I authorize the processing of my personal data in the curriculum vitae in accordance with Legislative Decree No. 196 of June 30, 2003, and the GDPR (EU Regulation 2016/679) 20/06/2022

