



Fedra Gianoglio

Ph.D. student in Earth Science - *University of Genova*



Genova, Italy



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

My research regards geological and environmental investigations for touristic and educational applications as well as for geoconservation actions.

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

Participation in conferences

- September 2023 - **10th International Conference on UNESCO Global Geoparks** (oral presentation) - Marrakech (Morocco)
- September 2023 - **SIMP-SGI-SOGEL, AIV Joint Congress "The Geoscience paradigm: Resources, Risk and future perspectives** (oral presentation) - Potenza (Italy)
- September 2024 - **SIMP-SGI Joint Congress "Geology for a sustainable management of our Planet"** (oral presentation) - Bari (Italy)
- October 2024 - **17th European Geoparks Conference** (oral presentation) - Reykjanesbær (Iceland)

Language skills

Italian: mother tongue

English: intermediate

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" in the "Methods for geomaterials' investigations" course.
- 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".
- November 2023 - **Teaching support** in the master's degree program of "Geological Sciences" (laboratory and microscopy activities during the course "Mineralogy and Environmental Risk")
- April 2024 - **Teaching support** in the master's degree program of "Geological Sciences" (practical exercises and laboratory activities during the course "Methods of investigation of geomaterials")

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**)

January 2024 - ongoing: Italian Geological Society (**SGI**)

Scientific publications

- Marescotti P., Castello G., Caprioglio M.C., Beccaris G., Ghioni F., Scotti E., **Gianoglio F.** (2024). Geochemical hazard in Geoparks: the assessment of geological compatibility of potentially ecotoxic elements (PTEs) in metaophiolitic soils of the Beigua UGGp (Liguria, Italy). In: "Geohazards in European Geoparks", Aytac S., Pellicer X.M., Amorfini A., Delaby S., Eds.

Research interests

My research activity is focused on the investigation of geological features and the assessment of potentialities and vulnerabilities of geosites for the development of geotourism strategies and valorization actions in the Beigua UNESCO Global Geopark. This main activity involves a multidisciplinary approach comprising i) mineralogical, lithological and geochemical analyses, ii) qualitative and quantitative assessment of geosites, iii) investigation of the perception of geoheritage value and iv) realization of geotouristic tools.

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

13/11/2024

