



# Dr. Barbara Nisi

## Orlando Vaselli

Barbara Nisi had her PhD degree in Earth Sciences at the Department of Earth Sciences (University of Florence) in 2005. Since 2013, she has been a researcher at the Institute of Geosciences and Earth Resources (IGG-CNR) in Pisa. In 2016, she was appointed as Adjunct Professor at the Department of Pure and Applied Sciences (DiSPeA) at the University of Urbino Carlo Bo. Since 2005, she gave seminars and laboratory classes in Environmental Geochemistry, Applied Geochemistry, and Geochemistry at the Department of Earth Sciences (University of Florence). From 2000 to 2013, she had various scholarships, research grants, and post-doctoral fellowships from the University of Florence and CNR-IGG. Her studies mostly focused on fluid geochemistry (water and gas), as follows: 1. geochemical investigations of volcanic and geothermal fluids; 2. monitoring protocols for selected pilot basins for CO<sub>2</sub> storage; 3. CO<sub>2</sub> risk assessment

and determination of CO<sub>2</sub> fluxes for calculating output from both natural and man-made systems; 4. water geochemistry and monitoring protocols for the delineation of water resource protection zones; 5. environmental geochemistry applied to municipal landfill sites and decommissioned mines; 6. statistical processing of geochemical data and geochemical mapping. She actively collaborated on numerous scientific projects of both national and international interest, such as: Ciudad de la Energia (Ponferrada, Spain); CIEMAT (Spain); MIUR PRIN; Integrated Italy-Spain Project; INGV; United Nations Office for the Coordination of Humanitarian Affairs (OCHA). From 2015 to 2016, she was responsible for the CNR/ASM – MOLDOVA Bilateral Project. Since 2019, she had been CNR-IGG Principal Investigator in the framework of the European Interreg Italy-Croatia project ASTERIS (Adaptation to Saltwater

Intrusion in sEa-level Rise Scenarios). Since 2020, she had been member of the Scientific Committee of the Italian Society of Geochemistry. In September 2024, she became senior researcher at the CNR-IGG.

I do wish to remember Barbara with this photo where she expresses her joy of life which was prematurely torn away by an incurable tumor.

