**Isotope geochemistry: methods and application in the environmental field**

Dr. Valeria Di Renzo   
12 ore – 3 CFU

**Short Program**

* Stable isotope geochemistry: sample preparation and analysis; studies on contamination of soils and groundwater bodies; food quality.
* Radiogenic isotope geochemistry: sample preparation and analysis; studies on food tracking and identification of contamination sources.
* Radioactive isotopes applied to environmental case-studies.
* Isotope geochemistry applied to forensics.

**Prerequisites:** basic knowledge of geochemistry