

Soil and Water Geochemistry

The unit studies soil and water quality and its evolution under the effects of changing land use and climate. The research topics concern:

- the analysis of biochemical processes in ecosystems,
- the nature, transformation and reactivity of the mineral, organic and mineral-organic constituents of soils, notably their relation with alternating aerobic/anaerobic conditions,
- identification of the spatial/temporal dynamics of chemical elements,
- the development of natural isotopic tracers.
- modelling biogeochemical cycles.

The objectives of this research are the evaluation and prediction of the impact of human activities on soil and water quality and the development of methods of diagnosis and control of geochemical changes, particularly in agricultural systems.

Géochimie des Sols et des Eaux

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