

# Geomaterials experimentation and testing for sustainable agriculture

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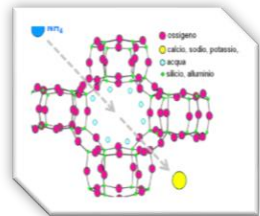
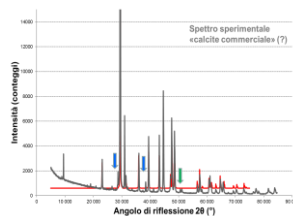
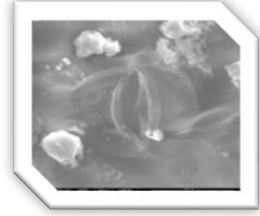
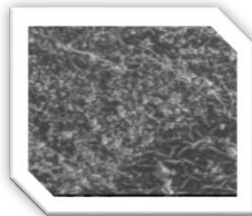
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[Catalogo competenze](#) & [Progetti e contratti](#)

## RESEARCH ACTIVITIES

- *Geomaterial characterization and modification*
- *Particle Film Technology development and application*
- *Raw and secondary materials for sustainable agriculture*
- *Reduction (but not removal!) of copper in organic farming*
- *Catalysis reactions at the solid/liquid and solid/gas interface*
- *Computer simulation of natural and modified minerals (zeolites and smectites) and chemicals used in agriculture*



## SERVICES

- **Chemical and mineralogical analysis of:**
  - *soils for agricultural use*
  - *natural soil conditioners and corroborants*
  - *mineral powders for foliar treatments (PFT technology)*
- **Computer simulation of natural and modified minerals and chemicals used in agriculture**
- **Structure-activity relationship study and activity prediction of molecules and materials used in agribusiness**