

## SoilCare project BSc / MSc / PhD Research Information

### Research level

MSc

### Research Title

Soil-improving cropping systems for Organic Farming : methods and dissemination

### Abstract

Florine provides us support for implementing SoilCare experiments (treatments, scientific protocol, equipment, soil profiles...). She's also organizing a soil dedicated area on the organic agricultural show managed by FRAB "La Terre est Notre Métier" (26<sup>th</sup> and 27<sup>th</sup> September). A "path of knowledge" will lead visitors through the issues of soil preservation. Soil diagnosis methods (workshops, boards...) and several lines of action for soil preservation will be presented.

The first stage in the path of knowledge will start with a general presentation of soil ecosystem, reviewing ecological cycling in soil, soil preservation measures against erosion and soil ecosystem services. The second step called « soil diversity » will deal with soil fauna diversity, and present advantages and constraints of the most common soils of Brittany. The third stage will be dedicated to « soil diagnosis ». This stand will focus on different methods of soil analysis and on the SoilCare project, to encourage reflection amongst the professional visitors. Finally, this path of knowledge devoted to soils will end on a general reflection to limit human impact on soil ecosystems thanks to SICS. This final step will create the opportunity to open the debate between visitors.

### Objectives of the research

This internship aims to :

- Refining our approach on soils (protocols and methods)
- Sensitizing / disseminating information on soils and SICS to farmers and students
- Strengthening our links with local stakeholders, by investing them into SoilCare actions

### SoilCare study site

SS16, Brittany

### Partners in this research

Our local stakeholders :

- Experiments : mainly farmers
- Soil dedicated area : BASE network, MSV, Université de Rennes 1, Agrocampus, Yves Hardy

### Contact Details

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