

UMR 1065 SAVE – Inra/Enitab Santé et Agroécologie du Vignoble





Save has recognized expertise in vineyard ecology and integrated pest management. It develops novel research on the ecology of pests and pathogens in the context of the evolution of vineyard agrosystem (pesticides reduction, climate change).

Staff

6 scientists (Inra)
1 prof., 1 lecturer
(Enita)
14 engineers (IR, IE, AI)
12 technicians
3 PhD

3 Post-docs

UCOTE

Ecosystem adaptation.

gene to community) of pests and pathogens to vineyard

Scientific disciplines

Population biology Epidemiology Population genetics Behavioral ecology Microbial ecology Landscape ecology

Skills

Microbiology
Plant pathology
Entomology
Diagnostic, barcoding
Molecular biology
Biochemistry
Field experiment

Technical facilities

600 m² of lab Phytotronic chambers 1000 m² of greenhouse 1 ha experimental vineyard

Network of experimental fields

Teaching

Master Enitab:
Agrosystem and landscape
integrated management
(functionnal biodiversity,
agroecology)

Master Bx2/Bx1: Plant Biology and biotechnology

Responses of populations and communities to practice modifications

Microorganisms/insects community ecology
Landscape ecology
Evolution of life history traits
Biological invasions

⊿ COTE

Biotic invasions.

Monitoring of insects and fungi flux within and between ecosystems

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Ecosystem transformation. Long-term monitoring of new vineyard agrosystems

Vineyard agroecology

Dynamics of biotic interactions

Ontogenic resistance and plant architecture
Plant / pest / pathogen interactions
Plant defences elicitation
Insect immune system

Design and assessment of innovative vineyard agrosystems

Multicriteria assessment of cropping systems

Decision support systems

Pest management tools

Biological control

UCOTE

Continental To coastal Ecosystems: evolution, adaptability and governance

