

UMR 1069 - Soil, Agro- and Hydro-systems, spatialization (SAS)

SUPERVISORY BODIES



UNIT MANAGER

Patrick DURAND

LOCATION

Region : Bretagne (Quimper, Rennes)

University site : ComUE
Bretagne Loire

Address :
65 rue de Saint-Brieuc - 35042
RENNES cedex

We study the interactions between agriculture and the environment using an integrative and spatialized approach of rural areas. Our main interests are water, nitrogen carbon and phosphorus cycles in cultivated landscapes, as well as multi-criteria assessment of agrosystems. Our research contributes to elaborate sustainable agricultural systems, to improve rural landscape management, to preserve natural resources such as water, soil, atmosphere and landscape quality.

Unit website : <http://www6.rennes.inra.fr/umrsas/>

Keywords : bioclimatology, pollution, natural resources environmental report, soil cover biogeochemical cycle, surface water, groundwater

Key figures :

Total staff: 189 including 33 researchers and 22 PhD students

Publications :

<http://www6.rennes.inra.fr/umrsas/Productions/Publications-scientifiques/Dernieres-publications>

Theses :

<http://www6.rennes.inra.fr/umrsas/Productions/Publications-scientifiques/Theses-et-HDR>

DOCTORAL SCHOOL(S)

EGAAL

DS 600 - Ecology, geosciences, agronomy, food

Website : <https://ed-egaal.u-bretagne-loire.fr>

Co-accredited institutions : L'Institut Agro Rennes-Angers, Oniris, Université d'Angers, Université de Bretagne Occidentale, Université de Nantes, Université Rennes 1

Head : Yannick OUTREMAN

RESEARCH TEAMS

Dynamique de l'eau et des éléments associés dans les bassins versants agricoles (Agrohydrologie)

Dynamique des matières organiques et fonctionnement spatialisé des sols (Mo-Sol)

Analyse agro-environnementale des systèmes cultures – élevages (ASAE)