

## Institutional studies Implementation of the Water Framework Directive (WFD)



Sogreah has substantial experience of providing assistance to river basin authorities both in France and abroad, for institutional studies in the following fields:

### Implementation of the Water Framework Directive



#### Revision of RBMPs (Management plan – Article 13 of the WFD) and associated programme of measures (Article 11 of the WFD); recent studies include:

River Basin Management Plan, further water bodies characterisation and programme of measures for the **Mayotte** island Basin Comity, in collaboration with the Agriculture and Forest Department of Mayotte study, funded by Rhin-Meuse Water Agency. Definition of Minimum Biological Flow of **Mayotte** rivers for the Agriculture and Forest department of Mayotet.

Assistance to the **Réunion** island Regional Environment Department with production of complementary water bodies characerisation, the draft RBMP; and programme of measures;

Assistance to the **Réunion** island Regional Environment Department for local actors consultation and documents updating;

Assistance to the Rhone Mediterranean Corsica Water Agency for a more detailed characterisation of measures on the Corsica River Basin District and production of the document prefiguring the draft **Corsica** RBMP and the programme of measures;

Assistance to the Rhone Mediterranean Corsica Water Agency for a more detailed characterisation of measures on the **Rhone Mediterranean** river basin district;

Assistance to the Bulgarian water agency, WARBD, with the definition of the main lines of their first management plan on the **Mesta/Nestos** cross-border river basin (Bulgaria/Greece). Assistance with the formation of a Greco-Bulgarian international commission, writing of the collaboration agreements and organisation of meetings.

### Economic assessment

Experience of economic and financial assessments of measures and projects included in all Sogreah's studies in the fields of urban and industrial development, regional development (floods, energy, transport, etc.), environmental and social impacts, crisis management, etc.

### Taxes

Inter-water agency study (France) for the levying of taxes on the modification of river hydrological conditions: flows, offtakes from rivers, modification of flood plains, modification of runoff characteristics in urban areas.

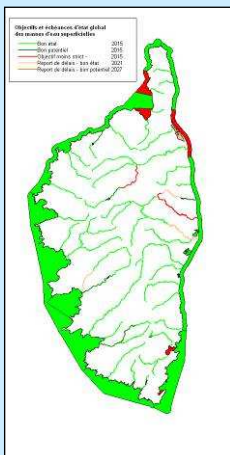
### Strategy / integrated management

Technical and regulatory know-how in the field of flood management ("Bachelot" law on technological risk prevention, floods directive, flood prevention master plan, crisis management, flood warning, municipal emergency response plans, etc.); Implementation of WFD decision aid tool (for example pressure monitoring such as offtakes monitoring in water bodies).

Integrated river basin management: numerous projects carried out in both France and abroad (e.g. the European EUROLAKES project)

## Environmental assessment of public policies

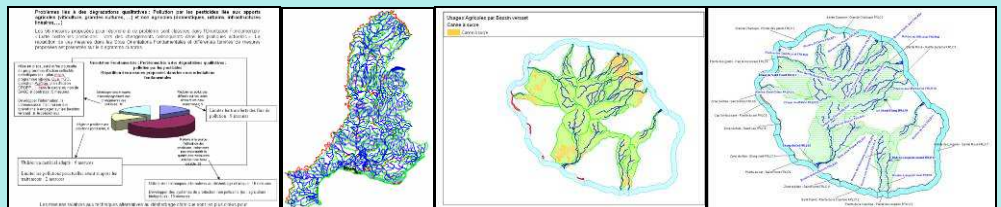
## Sogreah's assets



Experience in setting up environmental indicators;  
Environmental assessment reports of programs and plans (project carried out recently on the "Nitrates" programme at the national level and regional level and Assessment of Bourbre plan in Isère/ France)  
Assessment of advice given to farmers in the framework of measures to prevent the contamination of water by nitrates ("Ferti-Mieux" campaign).

## Multi-disciplinary skills

- knowledge of environmental phenomena (hydraulic, hydrogeological, hydrological, morphological, geomorphological, environment quality, effects of climatic change, etc.), and their specific features on the scale of a river basin
- knowledge of French and European legislation, notably the Water Framework Directive and Flood risks Directive
- knowledge and production of RBMP type planning documents,
- institutional skills required for identifying the roles and responsibilities of actors in a river basin,
- knowledge of the mapping requirements related to implementation of the WFD in France and proficiency in the use of mapping tools (ArcGIS, MapInfo, etc.),
- implementation of social, technical and economic analyses and methods in water- and environment-related fields (estimation of water-related measures, methods for analysing cost-effectiveness and cost/benefit ratios, etc.),
- local knowledge of the water management context in numerous river basins in France, Europe and worldwide.



For further information feel free to contact:

### Catherine FREISSINET

Chef de Groupe SOGREAH "Eau & Territoires" /  
Manager of the "Water & Territories" team  
Echirolles tel. 33 (0)4 76 33 42 99 / 33 (0)6 07 15 69 96  
mailto:catherine.freissinet@sogreah.fr

or

### Agnès CABAL

Chef de projets / Project Manager SOGREAH  
tel. +33 (0)4 76 33 42 83 (direct)  
Mailto: agnes.cabal@sogreah.fr



SOGREAH  
"Water & Territories" team  
6, rue de Lorraine - F38130  
fax 33 (0)4 76 33 43 32  
http://www.sogreah.fr