

ENVIRONMENTAL ANALYSIS AND DESIGN

Innovations and Benefits - Starting from the characterization of communities, habitats and ecosystem processes, it is possible to define and plan ways and instruments for the sustainable use of natural resources, also through environmental planning activities and therefore to identify environmental values and criticalities for a sustainable management of environmental resources.

Use -

Characterization of animal and plant communities, with particular reference to aquatic environments for the assessment of ecosystems. Support and start-up projects for the Public Administration. Applied research aimed at assessing the impacts generated by the hydroelectric use of watercourses on river ecosystems. Drawing up of Management Plans for Natura 2000 sites. Analysis of ecological networking and definition of projects for its improvement. Design of environmental recovery actions.

Applications and ongoing Activities -

Scientific Institution of reference for the Ministry of the Environment and ISPRA in the implementation process of the Water Framework Directive (2000/60 / EC)

Start-up projects for the use of aquatic macrophytes ("Water" Directive) for the ARPA of Veneto, Lombardy, Valle d'Aosta, Piemontet, Emilia Romagna, Tuscany, Lazio.

ALPINE SPACE SHARE project (Sustainable Hydropower in Alpine River Ecosystems). ALCOTRA RENERFOR project (Cooperation for the development of renewable energy sources in the Western Alps).

OSDDT-MED Project: Implementation of ecological networks on a local scale (Metropolitan City of Turin). ALCOTRA EAU CONCERT Project: Study of the Ecological Network in the Piemonte area of Dora Baltea.

LIFE Nature Project "Conservation and management of the biotope Palude of San Genuario" (VC).

Ecological analysis for the definition of the sediment balance of the Adda, Mera and Oglio rivers.

Monitoring of the environmental compatibility and the ecosystem efficacy of the "Works to reduce the hydraulic risk of the Lura torrent" (Como).



Characteristics: **CUSTOM**

CUSTOM Thanks to its flexibility, the service can be adapted to specific needs and contexts