The Institute of Aquatic Ecology (Institut d’Ecologia Aquàtica, IEA) of the University of Girona is a research centre founded in 1987 and devoted to the study of inland water ecosystems (rivers, lakes and reservoirs, wetlands, etc.). The Institute is organised in two sections: Limnology and Microbiology.

It currently includes over 30 researchers working on a wide array of freshwater ecology topics (including research on bacteria, algae, macroinvertebrates and fish with varying approaches and methods), thus facilitating multidisciplinary research. Most IEA members also belong to the Quality Research Group on Aquatic Ecology (EcoAqua), financially supported by the government of Catalonia (www.udg.edu/ecoalqua). Please visit our website to know further details about our current research projects and recent publications.
**LIMNOLOGY Section**

The Limnology Section corresponds to the Research Group on Ecology of Inland Waters (GRECO), which mostly conducts research in the following areas:

- Ecology and conservation of inland fish in rivers, lakes, reservoirs and wetlands
- Limnology of Mediterranean lagoons and wetlands
- Stream ecology and ecotoxicology
- Structure and functioning of freshwater communities and ecosystems
- Response of freshwater ecosystems to climate change and other anthropogenic perturbations
- Biological invasions in fresh waters: introduction routes and vectors, life history and ecological impacts
- Freshwater organisms as ecological indicators: algae, invertebrates, and fish
- Conservation and management of freshwater ecosystems
- Statistical ecology

**MICROBIOLOGY Section**

The members of the Microbiology Section belong to the Research Group on Molecular Microbial Ecology (gEMM), which mostly conducts research in the following areas:

- Biodiversity and activity of N cycle microorganisms and their role in wastewater treatment processes
- Microbial biodiversity and toxic compounds: resistance and bioremediation potential
- Biodiversity and activity of microorganisms involved in bioelectrochemical cells and biogas production
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