

## Hydrobiology and natural environment study

Eurofins Hydrobiologie France is your unique partner to evaluate and monitor aquatic environments.

- Evaluate the efficiency of your installations or the impact of your rejections thanks to aquatic ecosystems
- Characterize the waterbodies state according to the WFD requirements

### Our global offer from sampling to analysis

#### On aquatic ecosystems

- Running water : torrents, rivers, streams...
- Stagnant water : ponds, lakes, canals, gravel pits...
- Marine and littoral environments: beaches, continental shelf, harbours
- Coastal lagoons
- Esutaries and canals

#### On different compartments

##### Benthic and pelatic microalgae

- Biological Diatom Index (IBD, NF T90-354)
- Phytoplankton Index of Lakes (IPLac, NF EN 15204) on lakes
- Phytoplankton study in lakes and streams (NF EN 15204)
- Cyanobacteria study (bathing monitoring, NF EN 15204)
- Marine phytoplankton: quantitative studies of communities (NF EN 15204 et NF EN 15972)

##### Macrophytes

- Macrophytal Biological Index for Rivers (IBMR, NF T90-395)
- Macrophytal Biological Index for Lakes (IBML, XP T90-328)
- Conservation state of seagrass beds: *Posidonia oceanica*; *Zostera* spp., *Cymodocea* spp)
- Algae cover
- Search for protected species by professional divers

##### Macroinvertebrates

- Standardized Global Biological Index (IBGN, NF T90-350)
- DCE : IBG-DCE and I2M2 protocols (NF T90-333 et XP 90-388)
- Large streams : Global Biological Index adapted to big watercourses and deep rivers (IBGA)
- Oligochaeta Index for Sediment Bioindication (OISB)
- Oligochaeta Index for Lake Bioindication (OILB)
- Zooplankton study
- Marine Benthos (WFD, ...)
- Soft bottom Macrofauna communities (DCE, REBENT, NF ISO 16665, etc)
- Protected species: European/international protections
- Soft bottom bivalve stocks estimation
- Sub-marine structures colonization surveys



##### Fish

- Fish-Based Index (IPR, NF T90-344)
- Rescue electric fishing
- Lakes: Gill net fishing (NF EN 14757)

##### Water / Sediments

- *insitu* physicochemical and flow measures
- Water and sediment samplings, integrated sampling, 24h sampling
- Physicochemical analyzes, multi-residues analyzes
- Search of dangerous and priority substances, relevant substances, pesticides



## Who are we ?

Eurofins Hydrobiologie France is organized in competences centers laboratories in France and in Europe, to propose to its customers a complete technical high-level range of analyzes.

Our laboratories lean on qualified experts able to intervene on cross-functional themes, on innovative material, and on strong investment policy.



## An expertise for all your needs

- Complete services: Sampling, treatment, analysis and interpretation/ results exploitation
- Adapted equipments: SIG mapping, communication media, spatial and temporal comparisons, statistical analyses
- A personalized monitoring
- A qualified and experimented team (up to 10 years of experience in hydrobiology)
- From development to innovation: Methodological developments for specific studies, R&D, project, partnership with innovative companies...

## A quality service

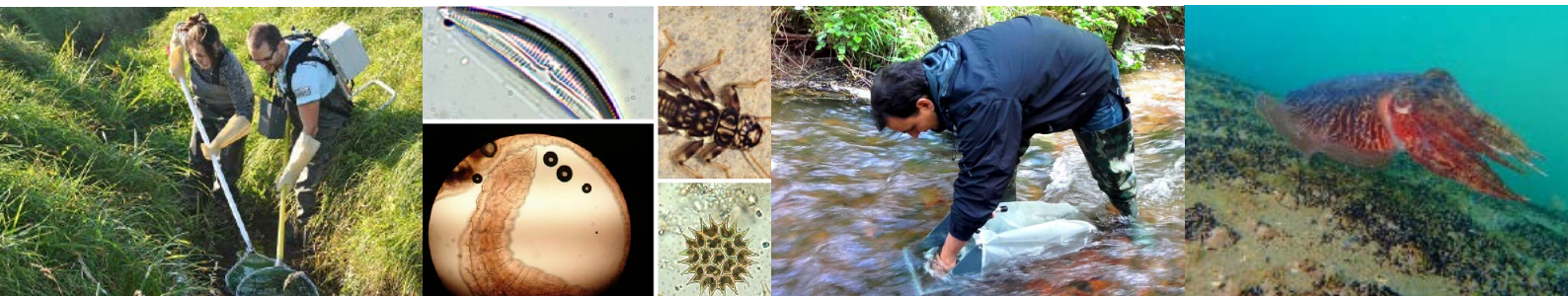
Cofrac accredited for the IBGN, IBG-WFD, n°1-6428, n°1-6429, and n°1-6430. Cofrac accredited for IBD indexes, n°1-6428 and n°1-6430 list of sites and available reaches on [www.cofrac.fr](http://www.cofrac.fr)  
Participation of the AGLAE interlaboratories tests in hydrobiology.

## Our assets

- A capacity of action throughout France from 4 sites of intervention
- A unique partner for the whole monitoring of your site
- A dedicated interlocutor to advise you and to propose you adapted solutions to your needs in answer to the statutory context
- Specialized Lab and sample sites for more reactivity



 Eurofins Hydrobiologie France laboratories network



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**Hydrobiologie**