

INFORMATION ABOUT THE EXPERT

ORGANISATION	Management of Aquatic resources and Aquaculture Unit
ADDRESS	
TYPE OF PARTNER	SME, University, Research Centre, Large Company, Public Administration, Association, other
WEBSITE	https://www.ugeraa.uliege.be
CONTACT PERSON	Michael Ovidio
EMAIL	m.ovidio@uliege.be
TELEPHONE	+3243665027
POSITION	Professor
DATE OF PUBLICATION	03/2026

EXPERTISE OVERVIEW

TOPIC(S) OF INTEREST:

HORIZON-MISS-2026-03-OCEAN-03

HEADLINE:

Management and research on aquatic Ecology in continental waters. Applied and Fundamental aquaculture

POTENTIAL CONTRIBUTION:

The management of Aquatic Resources and Aquaculture Unit (UGERAA) is a leading international team on different aspects of Aquatic Ecology. The major research themes of the unit are:

- Fish migration and movements in rivers and lake;
- Fish population dynamics;
- Long-term changes in fish populations in rivers and lake;
- Development and test of the efficiency of fish-passes and bypasses;
- Fish Ethology (behavioural syndromes, fish personality);
- The problematic of minimum flow;
- Impact and management of dam releases;
- Long term fish pass monitoring;
- Strengthening of eel and salmon populations;

The technologies used by UGERAA are:

- Acoustic, radio and RFID biotelemetry;
- Fish-passes and bypasses monitoring;
- Electric fishing;
- Habitat characterisation techniques;
- Mathematical modelling.

The UGERAA is also a leading team on aquaculture research with the following research themes:

- Development of breeding techniques
- Sex determination
- Animal welfare in farming systems
- Development of new, more environmentally friendly breeding techniques

Aquaculture research benefits since 2026 from a brand new, modern, multimodal platform with different farming systems located in the heart of the University.

The UGERAA benefits from diversified funding, including European projects and also conducts environmental impact studies.

The team is composed with senior scientist, young scientists, PhD students, technicians and is headed by the Prof. Michael Ovidio. His recognition in the field of aquatic ecology and aquaculture is also demonstrated by numerous university courses at the bachelor's and master's levels. UGERAA publishes very frequently in peer review international journals.

We are familiar with international and high-level collaborations and the administrative management of European projects.

The scientific publications of the UGERAA team are accessible via:

https://www.ugeraa.uliege.be/cms/c_11276634/fr/ugeraa-publications