

Assistant Professor - Permanent position (open Sept 2021)

Aquatic Biology and Ecology

Institut Agro, Agrocampus Ouest (Rennes, France)

The fisheries center of Institut Agro - Agrocampus Ouest, based in Rennes (Britany, France), is opening an assistant-professor position (permanent position, open September 2021) in aquatic biology and ecology.

The new assistant professor will join an attractive collaborative scientific environment. The new assistant professor will be in charge of developing and leading teaching and research programmes in fisheries biology and ecology. She/he will share his time between teaching (graduate and post-graduate level) and research.

Institut Agro is a French higher education and research institution. The Fisheries center is unique in France. This is the only university level institution in France in charge of multidisciplinary post-graduate programme in Fisheries Sciences. It is also involved in other Master programmes in ecology and data sciences.

The group is a member of the Ecology and Ecosystem Health research unit (joint research unit between Institut Agro and INRAE, https://www6.rennes.inrae.fr/ese_eng/) and leads research projects in fisheries sciences and aquatic ecology. In 2022, the research unit will merge with three other labs of Ifremer in Nantes, Lorient and Brest (France), what will considerably strengthen the opportunities of direct scientific collaborations on various topics in aquatic biology and ecology, and fisheries sciences in general.

Teaching activities

Most of the teaching will be within the Master program in Fisheries Sciences on various topics including biology and ecology of fishes and other fisheries resources, aquatic biology and ecology (marine and freshwater); variations of life history traits and impacts of multiple stressors on individuals and populations. She/he will also have the opportunity to develop some courses in other programmes led by the Ecology department of Institut Agro. Most of the courses are currently held in French, but with many opportunities to develop English languages courses.

Research

There will be huge opportunity to develop research programs in aquatic and fisheries biology and ecology. The new assistant professor will strengthen the potential of the group and will develop new collaborations. A special interest will be on the analysis of the mechanisms of the response and of the adaptation of individuals and populations to multiple stressors (exploitation, direct and indirect effect of climate change, habitat degradation ...). Questions related to land-sea interactions, essential fish habitats, connectivity along the life cycle will be of particular interest. Research will contribute to develop guidelines, methods and tools for a sustainable management of populations and ecosystems.

Skills and competences

We are looking for candidate with

- (i) a doctoral degree in aquatic / fisheries biology and ecology, and some teaching experience (graduate level) in associated topics,
- (ii) thorough experience in biology, physiology of aquatic animals,
- (iii) advanced skills in methods and tools to trace life history of fish along their life cycle (e.g., otolith microchemistry and sclera-chronology, tagging, stable isotopes and fatty acids, etc),
- (iv) experience in evolutionary biology, population genetics and the evolution of life history traits Even

Abilities to teach in French language are expected.

Contacts and applications

Research and teaching issues

Etienne Rivot, head of the Fisheries Ecology group (etienne.rivot@agrocampus-ouest.fr)

<https://halieutique.agrocampus-ouest.fr/fr/equipe>

[https://www6.rennes.inrae.fr/ese/L-UMR-ESE/Equipes-de-recherche/equipe/\(idstructure\)/1/lang/\(fr\)](https://www6.rennes.inrae.fr/ese/L-UMR-ESE/Equipes-de-recherche/equipe/(idstructure)/1/lang/(fr))

Administration and paper forms

Contact for any administrative issues:

Director, Institut Agro, Agrocampus Ouest (direction@agrocampus-ouest.fr)

Important note:

This is a permanent position and admission will be by an entrance examination scheduled in June 2021 (precise date still to be fixed). Applications will be officially open in March 2021. Applications are subject to French academia specific rules. Applicants are invited to regularly visit the web site <https://chlorofil.fr/systeme-educatif-agricole/emplois/esqt-sup/recrutement> for all information relative to prerequisites and entrance examination modalities.