



Research director in ecotoxicology (m/f) Lyon-Villeurbanne (69), France

Research area: Ecotoxicology

Position opens to candidates with a PhD and 8 years of public research

NB: in some cases and under certain conditions, applicants may apply for recognition of equivalence of diplomas that are not in the list of qualifications required for this examination (diplomas issued or recognized by a Member State of the European Union or the States Parties to the agreement of the European Economic Area, or the professional qualification obtained).

Description

Iristea (formerly called Cemagref), National Research Institute of Science and Technology for Environment and Agriculture focuses on three main social challenges: Sustainable management of land and water, natural hazards and environmental quality. Within the framework of French and European research, the Institute carries out research in support of public policies and in partnership with industry. It includes 1,600 people across nine regional centres in France.

Research carried out in the framework of BELCA research group (Biological and ecological responses to contaminants in aquatic environment; <http://www.irstea.fr/en/research/research-fields/aquatic-environment>) deal with the impact of xenobiotics resulting from human activities on the freshwater ecosystems, at several biological level, from molecular to community. Research involve several disciplines, including chemistry, biology, ecotoxicology, ecology, applied mathematics.

The position is to be filled for the Ecotoxicology team, belonging to the research Unit Freshwater systems, ecology and pollution (UR MAEP; <http://www.irstea.fr/en/research/research-units/maly>) located in Lyon-Villeurbanne. This research unit seeks to provide knowledge and operational responses to diagnose pollution, especially toxic pollution, and disturbances resulting from hydraulic structures or river facilities.

More particularly, the Ecotoxicology team studies the effect of contaminants on freshwater organisms at molecular, individual and population levels, in focussing on animal organisms (invertebrates and fish). Researches performed in the team aim to produce fundamental knowledges, methods and tools, in order to predict the hazard of pollutants for aquatic organisms and to assess the quality of the aquatic ecosystems.

The team is made up of 5 researchers, 6 engineers and technicians, masters and PHD students. It develops research using both laboratory and field studies, at regional and national scale.

In this context, your functions will aim at conceiving, leading and developing researches in aquatic animal ecotoxicology. You will develop research aiming to the diagnosis and the knowledge of the effects of contaminant in freshwater organisms, in particular based on new molecular tools, and allowing developing relevant biomarkers for the comprehension of the organism's responses to anthropogenic chemical pollution in freshwater ecosystems. You will contribute, design and lead national French and European projects, in seeing to expand scientific partnerships within Iristea research groups, in particular BELCA, as well as national and international level.

You will take an active part in the scientific coordination in the ecotoxicology research field within Iristea, and at the local and national level. You will contribute to the scientific coordination and valorization within the BELCA research group, the ecotoxicology team and the research unit MAEP. You will bring your skills and expertise in applied projects in collaboration with public and private stakeholders. You will be involved in education, training and masters or PhDs supervision.

Required profile

You are holder of a PhD in ecotoxicology and, ideally, of an « Habilitation à diriger des recherches » in the same field. You have experiences in PhD supervision.

You are skilled in ecotoxicology, animal biology and ecophysiology. You have experiences in works dealing with scaling up toxic effects in organisms from molecular to individual levels.

You have skills in scientific English and you are able to communicate in French. You appreciate teamworks in an interdisciplinary environment.

You are concerned both in the operational valorization of your works and research results dissemination in high level peer reviewed journals. You appreciate to give teaching and to have interaction with public managers.

Contacts

- Patrick FLAMMARION. Director of the Water Department IRSTEA - patrick.flammarion@irstea.fr. Tel. 01 40 96 61 17
- Jeanne GARRIC. Associate Scientific Director of the Water Department. Head of the Research Theme BELCA jeanne.garric@irstea.fr . Tel : 04 72 20 87 39
- Pascal BOISTARD. Head of the Research Unit Freshwater systems, ecology and pollution - pascal.boistard@irstea.fr, Tél : 04 72 20 89 27

How to apply

Application form can be obtained:

- on the website: www.irstea.fr by following this link : <http://www.irstea.fr/en/join-us/external-competitive-examinations/current-competitive-examinations>

Full application should be submitted before **23rd September 2016**

and sent to:

Iristea
Direction des Ressources Humaines et des Relations
Sociales – Pôle RMDC
1 rue Pierre-Gilles de Gennes CS 10030
F-92761 ANTONY Cedex