POSTDOCTORAL RESEARCHER IN EDNA BASED APPROACHES FOR MARINE MONITORING.

Company Description

AZTI offers the chance of developing your dreams through top-level research carried out by professionals who are able to generate knowledge with a significant scientific character and excellence and a clear market focus. We offer a unique professional experience in which you will participate in an excellent scientific and technological organisation, close to the markets and the needs of the food industry and maritime activities that is dynamic and a true leader and innovator in its areas of expertise. We translate our clients' needs into business opportunities, generating and providing value to our clients. Your development AZTI is a knowledge organisation, i.e., it places great value on your personal and professional development. From the moment you become a part of the organisation we will focus our attention on your professional development and growth.

Information

Deadline: 2019-02-22
Category: Business
Province: Bizkaia
Country: Basque Country
City: Sukarrieta

Company

AZTI

MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE

Main functions, requisites & benefits

Main functions

We are looking for a two year Postdoctoral Researcher in Environmental DNA based approaches for marine and aquatic monitoring and evaluation. Objectives: Using four case studies that span three aquatic environments (river, estuary and ocean) and that focus on diadromous fish, commercial marine fish, deep-water elasmobranch and fish, and cetaceans and birds to tackle these questions, the project aims at developing and evaluating eDNA based indicators that will be integrated in to environment and resources evaluation programs. The project will also include the exploration of wider range of applications of eDNA beyond community composition studies and the development of standardized and logistically viable procedures for deriving relevant data from eDNA.

Requisites

PhD in a relevant discipline (biology, genetics, bioinformatics, etc.).
Experience in analysing high-throughput sequencing data for biodiversity analyses
Good level of written and spoken English
Excellent writing and oral communication skills
Other valued skills:
Experience in other high-throughput sequencing applications
Knowledge of Unix, R, programming (python, perl...)
Experience in eDNA field sampling
Experience in molecular laboratory techniques
Experience in fisheries management-related research
Result oriented working capacity
Availability to travel
Project management
Driving licence