




Company Description

About AZTI: At AZTI, we transform science into solutions that respond to the great challenges of the sea and food value chain. To do this we develop sustainable products, services and business initiatives aimed at activating the industrial fabric while recovering and preserving natural resources.

Information

 **Deadline:** 2019-11-14
 **Category:** Business
 **Province:** Bizkaia

 **Country:** Basque Country
 **City:** Derio

Company

AZTI



Main functions, requisites & benefits

Main functions

We are looking for a postdoctoral research fellow to join our team in the Marine Research Division of AZTI. The position is for a fixed term of two years and will be hosted at AZTI's centre in Pasaia, Gipuzkoa (Spain). The successful candidate will be working in the project IndiRed, which aims to develop novel indicators of anthropogenic impact on estuarine and coastal ecosystems, based on prediction and ecological interpretation of interaction networks involving aquatic organisms from all trophic levels ranging from microbes to macrobenthos or zooplankton. This work relies heavily on high throughput sequencing of environmental DNA (eDNA metabarcoding) and numerical analysis of derived sequencing data. The project will involve collaborations, including research stays, with partners in Europe and Australia.

Requisites

Qualifications and personal qualities PhD (or equivalent) in Biology, Bioinformatics, Mathematics or a closely related field, alternatively have submitted the doctoral thesis for assessment prior to the application deadline. It is a condition of employment that the PhD has been awarded. Ability to work independently in a structured manner, good communication, social and team-working skills. Applicants must have excellent skills in oral and written English. Research interest in molecular / microbial ecology. Experience of working in a numerical computing environment (R, Python or equivalent) is a requirement. Experience from environmental genomics, metabarcoding or a related field is a requirement. Experience with ecological modelling, particularly of interaction networks, is an advantage. Experience of programming in at least one programming language (e.g., Python, Java, C) is an advantage. Experience from ecosystem management or biomonitoring is an advantage. For more information on the position, interested candidates can directly contact Anders Lanzen (alanzen@azti.es)

