



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate B - Resources
Recruitment and Training

2015-IPR-H-000-5613

Chemical pollutants' identification for aquatic environment based on ecotoxicological data collection

<p>Position for:</p> <p>Trainee</p>	<p>Short description of activity:</p> <p>Within the Water Resources Unit, the project Water4you deals with water related policies, among them the Water Framework Directive (WFD) which aims to protect the surface and coastal waters in Europe. Water4you is involved with the revision of Priority Substances (chemical pollutants of high concern for European waters) and on biological based assay to assess the effects of emerging pollutants. The project will be focused on ecotoxicity, toxicity data and physical-chemical parameter data collection of concern substances to calculate the Predicted Effect Concentration (PEC) using <i>ad hoc</i> models. When possible, ecotoxicological studies will be performed by exposing diatoms to targets substances, molecular markers will be analysed.</p> <p>Qualifications:</p> <p>It is required five year's university education in Biological Science, Biotechnology and related fields; knowledge in ecotoxicology/toxicology and in molecular ecology technique e.g. nucleic acid extraction from microorganisms and quantitative Real time PCR(qRT-PCR). Good theoretic knowledge about ecotoxicology and endpoints analysis.</p> <p>Good capabilities to make literature search and write the reports.</p> <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
<p>Institute/Directorate Unit</p>	<p>Institute for Environment and Sustainability (IES) Water Resources Water4you</p> <p>Further information: https://ec.europa.eu/jrc/en/institutes/ies</p>

Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu