



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate R - Resources
Human Resources

2016-IPR-D-000-7705

Multiple screening of parameters to detect the algal bloom in surface waters

<p>Position for:</p> <p>Trainee</p>	<p><u>Short description of activity:</u></p> <p>As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: http://www.jrc.ec.europa.eu</p> <p>Within the Unit Sustainable Resources Water and Marine Resources, Water4you deals with water related policies and water quality.</p> <p>One of the projects is focused on the algal blooms and development of methods to anticipate and mitigate the phenomena which recently have increased due the climate change. The traineeship will be focused on the validation of the molecular based method developed in house for the toxin detection by analysing several samples from European countries in collaboration with other research groups.</p> <p><u>Qualifications:</u></p> <p><u>Essential:</u> University degree in Biological Science and related fields.</p> <p>Good knowledge of molecular ecology e.g. algal bloom, cyanobacteria and their detection; molecular techniques e.g., acid nucleic extraction.</p> <p><u>Advantage:</u> Knowledge of PCR and quantitative Real Time PCR and extraction of nucleic acid from water sample.</p>
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	<p>Good knowledge of English language (B2 level)</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>
Institute/Directorate Unit	<p>Directorate D – "Sustainable Resources" Unit D.2 'Water & Marine Resources'</p> <p>Further information: https://ec.europa.eu/jrc/en/research-topic/water</p>
Indicative duration	5 months
Preferred starting date	as soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p>