



2020-IPR-A5-FGIV-015355

**FGIV - SCIENTIFIC/TECHNICAL SUPPORT
OFFICER - EXPLORATORY RESEARCH
PROJECT - TRACING MICROPLASTICS UP
THE EU MARINE FOOD WEBS: Implications For
Marine Biodiversity And EU Ecosystem Services
(PLASTIC-WEB)**

<p>Position for:</p> <p>FG IV - Project Officer - Scientific/Technical Support Officer</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://ec.europa.eu/jrc/</p> <p>The JRC offers a vacancy for a Contract Agent within the Exploratory Research Project PLASTIC-WEB (Tracing microplastics up the EU marine food webs: implications for marine biodiversity and EU ecosystem services).</p> <p>The JRC Exploratory Research Programme (ER) is a strategic initiative characterised by ideas that might lead to novel results to qualitatively enrich current JRC scientific work.</p> <p>The vacancy is within the Directorate for Sustainable Resources. The directorate supports the European Commission with independent, technical and scientific evidence in the areas of the environment including biodiversity, environmental quality and sustainable use of natural resources.</p> <p>By executing the following tasks, the ER Project PLASTIC-WEB aims at providing policy makers with information and advice on the accumulation of microplastics in marine food webs:</p> <ul style="list-style-type: none">• Collecting data on microplastic consumption rates by the different species/group of species of the Mediterranean and Black Sea food webs;• Developing models to quantify temporally and spatially the accumulation of microplastics throughout the Mediterranean and Black Sea food webs (from plankton to marine mammals/seabirds);• Modelling the cascading effects of microplastics accumulation/ingestion on marine organisms (from small zooplankton to fish and marine mammals/seabirds) and the implications for marine biodiversity and EU ecosystem services. <p>The successful candidate will be in charge of:</p> <ul style="list-style-type: none">• Collecting data for models' construction including e.g., MP consumption rates and other model requisites;• Implementation of PLASTIC-WEB model into the existing Mediterranean and Black Sea food web
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	<p>models;</p> <ul style="list-style-type: none"> • Evaluation of potential consequences of present microplastic pollution levels on the functioning and structure of a complete marine ecosystem and on its services; • Identification of main impacted areas where the interaction between marine biodiversity and plastic is more pronounced; • Write at least one peer-reviewed publication as a preparation step before providing the tool to EU legislators. This evidence-based analysis tool, in fact, will help assessing present policy options related with the emerging ‘plastic issue’ in any potentially problematic region both within EU and beyond; • Dissemination/publication of results. <p>Qualifications:</p> <p>Essential:</p> <ul style="list-style-type: none"> • A doctoral diploma in Marine Science or related field, alternatively completed university studies of at least three years attested by a diploma and at least five years professional experience in a field relevant to the position; • Extensive knowledge/experience in modelling using the Ecopath with Ecosim software and particularly its spatial-temporal framework; • Broad knowledge in the area of Higher trophic level ecosystem models. <p>Advantage:</p> <ul style="list-style-type: none"> • Knowledge of hydrodynamic-biogeochemical models and microplastic related issues; • Solid record of research activities relevant for the post including publications in international peer-reviewed journals, • Ability to work in a team and in a multi-cultural environment; • The candidate is expected to be creative and work independently. <p>Good oral and written communication skills in English (B2) are essential, knowledge of other languages is an advantage.</p> <p>The Joint Research Centre is an equal opportunity employer and is committed to increasing the diversity of its staff. It welcomes applications from women and minority groups.</p>
<p>Directorate Unit</p>	<p>Sustainable Resources Water and Marine Resources</p> <p>The Scientific Development Unit of the Directorate for Strategy and Work Programme Coordination is in charge of the overall JRC Exploratory Research Programme.</p> <p>The scientific research will take place in the Water and</p>

<p>Project</p>	<p>Marine Resources Unit in Ispra (Italy).</p> <p>Exploratory Research Project: Tracing Microplastics Up The Eu Marine Food Webs: Implications For Marine Biodiversity And Eu Ecosystem Services (PLASTIC-WEB)</p> <p>Further information is available at: https://ec.europa.eu/jrc/en/about/jrc-in-brief</p>
<p>Indicative Duration</p>	<p>24 months</p>
<p>JRC Site</p> <p>Country</p>	<p>Ispra</p> <p>Italy</p>
<p>Rules and eligibility</p>	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. https://epso.europa.eu/documents/2240_en</p> <p>2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>