

Job Description for Professional Posts

Position ID:	NA202002-P2
Position and Grade:	Associate Research Scientist (Programme Support) (P2)
Organizational Unit:	Radioecology Laboratory IAEA Environment Laboratories, Monaco Department of Nuclear Sciences and Applications
Duty Station:	Monaco
Type/Duration of Appointment:	FT – JPO, 1 year, with a possible extension of 1 additional year

Organizational Setting

The Department of Nuclear Sciences and Applications implements the IAEA's Major Programme 2, "Nuclear Techniques for Development and Environmental Protection". This Major Programme comprises individual programmes on food and agriculture, human health, water resources, environment and radiation technologies. These programmes are supported by laboratories in Seibersdorf, Monaco and Vienna. The Major Programme's objective is to enhance the capacity of Member States to meet basic human needs and to assess and manage the marine and terrestrial environments through the use of nuclear and isotopic techniques in sustainable development programmes.

IAEA Environment Laboratories (NAEL) is a Division of the Department of Nuclear Sciences and Applications and consists of four laboratories, three of which are located in Monaco (including the Radiometrics Laboratory) and one in Seibersdorf, Austria (approx. 45 km south of Vienna). NAEL implements the IAEA Programme Environment under the Major Programme 2. The Division operates in a complex matrix environment involving exchange with many parts of the organization, such as the Technical Cooperation (TC) Department for implementation of the IAEA TC Programme as well as other Departments for horizontal collaborations.

The Radioecology Laboratory's mission is to improve knowledge about the behaviour and fate of radionuclides and other contaminants in the environment, with a particular emphasis on the biosphere. It aims to assist and enhance Member States' capabilities in the field of radioecology and its applications to ecotoxicology and biogeochemistry.

Main Purpose

Reporting to the Laboratory Head and Professional Staff, the Associate Research Scientist, (Programme Support) will facilitate and assure effective and efficient implementation of all GOA-ON (Global Ocean Acidification Observation Network) activities for the International Coordination Centre (OA-ICC), a PUI project, that promotes, facilitates and communicates global activities on ocean acidification. The Associate Research Scientist, (Programme Support) will enable the provision of the

scientific and technical expertise and related support for the OA-ICC and GOA-ON and for ensuring the contribution of the GOA-ON to the achievement of SDG Target 14.3.

Role

Under supervision of the Head of the Radioecology Laboratory, the Associate Research Scientist (Programme Support) is: (1) a technical specialist assisting in planning and implementing of all GOA-ON activities, (2) a network facilitator promoting global integration and coordination for the GOA-ON, and (3) a communicator preparing and presenting results to the broader community through reports and scientific publications.

Partnerships

The Associate Research Scientist (Programme Support) facilitates and assures effective and efficient implementation of all GOA-ON activities. The incumbent works with the GOA-ON EC (Executive Committee) to enhance collaboration with other international organisations such as UNESCO-IOC, UNEP (United Nations Environment Programme), GEF (Global Environmental Facility), UNDP (United Nations Development Programme), and other international programmes, to ensure the effective utilisation of technical inputs to the design and implementation of the OA-ICC and GOA-ON activities. The Associate Research Scientist (Programme Support) also develops and builds networks with scientists and technical staff from Member State laboratories in training activities related to analytical methodologies for measuring parameters of climate change and ocean acidification in the marine environment.

Functions / Key Results Expected

- Act as scientific secretary for meetings, including the preparation of documents and reports to the EC as needed,
- Support the Co-Chairs by coordinating and networking to ensure GOA-ON's interface with relevant IAEA and IOC-UNESCO programmes, such as the OA-ICC, Global Ocean Observing System (GOOS) and the IOC's Oceanographic Data and Information Exchange (IODE), and other relevant working groups.
- Document the contributions of GOA-ON to the formal SDG Target 14.3 delivery, while ensuring that reporting is captured in the contributions of IAEA and IOC-UNESCO to the SDGs process.
- Provide evaluation and assessment of best scientific practices to support the Executive Committee of GOA-ONs to assure efficient implementation of SDG Target 14.3, with due connection to OA-ICC/IODE/JCOMM/GOOS data management activities.
- Contribute to the development of the GOA-ON data portal to ensure that it reflects the expected programme outcomes against the SDG indicator 14.3.1

Competencies and Expertise

Core Competencies		
Competence	Occupational Role	Behavioural Indicator
Communication	Individual Contributor	Communicates orally and in writing in a clear, concise and impartial manner. Takes time to listen and understand the perspective of others and proposes solutions.
Achieving Results	Individual Contributor	Takes initiative in defining realistic outputs and clarifying roles, responsibilities and expected

		results in the context of the Department/Division's programme. Evaluates his/her results realistically, drawing conclusions from lessons learned.
Teamwork	Individual Contributor	Actively contributes to achieving team results. Supports team decisions.
Planning and Organizing	Individual Contributor	Plans and organizes his/her own work in support of achieving the team or Section's priorities. Takes into account potential changes and proposes contingency plans.

Functional Competencies		
Competence	Occupational Role	Behavioural Indicator
Judgement/decision making	Associate	Consults with supervisor/manager and makes decisions in full compliance with the Agency's regulations and rules.
Partnership building	Associate	Develops and maintains partnerships needed for his/her work. Establishes and nurtures positive relations with partners and stakeholders.
Technical/scientific credibility	Associate	Acquires and applies new skills to remain up to date in his/her area of expertise. Reliably applies knowledge of basic technical/scientific methods and concepts.

Expertise	
Expertise	Description
Bioscience Carbon Cycle	Proven understanding of marine carbon cycle and ocean climate change
Bioscience Climate Change and Ocean Acidification	Demonstrated understanding of ocean acidification and its impact on marine systems
Chemistry Marine Geochemistry	Demonstrable understanding of the oceanic processes influencing the levels and distributions of radionuclides in the marine environment
Public Information and External Relations Public Information and Communication	Proven written communication skills especially related to the presentation and interpretation for a range of audiences of scientific data

Education, Experience and Language Skills

- University degree in environmental sciences (i.e. biology, radioecology, oceanography, marine geochemistry).
- Minimum of 2 years of experience in the study of oceanography, climate change science and/or marine sciences.
- Publication of research in peer-reviewed, scientific journals is an advantage.
- Excellent oral and written command of English is required. Knowledge of other official IAEA languages (Arabic, Chinese, French, Russian and Spanish) is an asset.