

# Job Description for Professional Posts

**Reference:** NS2024/21

<b>Position and Grade:</b>	Associate Assessment Officer, P2
<b>Organizational Unit:</b>	Assessment and Management of Environmental Releases Unit Waste and Environmental Safety Section Division of Radiation, Transport and Waste Safety
<b>Duty Station:</b>	Vienna, Austria
<b>Type/Duration of Appointment:</b>	FT – JPO, 1 year

## Organizational Setting

The Department of Nuclear Safety and Security (NS) formulates and implements the IAEA's nuclear safety and security programme, which encompasses the Agency's activities to protect people and the environment from radiation exposure, and responds to the safety and security related needs of its Member States.

The Division of Radiation, Transport and Waste Safety (NSRW) develops and maintains standards for radiation protection, radioactive waste safety, and safety in the transport of radioactive material that enable the beneficial uses of radiation to be used while ensuring appropriate protection of workers, the public and patients. It also assists Member States in the implementation of these standards and provides related services.

The Waste and Environmental Safety Section is responsible for the delineation of a global waste safety framework based upon the Joint Convention on the Safety of Spent Fuel Management and on the Safety of Radioactive Waste Management, and the development and application of safety standards for the management of radioactive waste, decommissioning, remediation and environmental releases.

The Assessment and Management of Releases Unit of the Waste and Environmental Safety Section is concerned with protection of the public and the environment from releases of radioactive material from present and past practices. The Unit's main function is to establish safety standards for the control of radioactive releases to the environment (atmospheric, terrestrial and aquatic) and to provide for the application of these standards in Member States. The Unit also engages in providing advice and guidance on procedures and methods for dose and environmental assessment, modelling and monitoring, including through the organization of safety assessment intercomparison projects. It maintains databases of worldwide discharges of radionuclides to the environment and an inventory of past waste disposals at sea. It is also the focal point in the Agency's interactions with international conventions and treaties concerned with radiological aspects of protecting the marine environment.

## Main Purpose

Reporting to the Head of the Assessment and Management of Environmental Releases Unit, the Associate Assessment Officer, working closely with other professional staff in the Unit, assists the team in providing screening methodologies to assess the impact of radioactive discharges to humans and non-human biota. The role includes supporting the Unit in the delivery of the MEREIA Methods for Radiological and Environmental Assessment) programme.

## Role

The Associate Assessment Officer is a knowledgeable professional on activities related to models and tools for the behaviour of radionuclides in the environment and assessing doses to the public and non-human biota.

## Partnerships

The Associate Assessment Officer collaborates with colleagues throughout the Section as well as with experts in Member States, and within NSRW related to the development of guidance on the protection of the public and the environment from radioactive releases. The Associate Assessment Officer works closely with the Unit Head, and other professional staff in the Unit and Section in achieving the desired objectives and goals.

## Functions / Key Results Expected

- Provides technical support on the modelling and assessment of radiation doses to the representative person and reference flora and fauna from releases of radionuclides from activities and facilities to the environment.
- Analyses and checks current methodology and calculations to update the IAEA screening tool for assessing doses from discharges to the environment.
- Develops familiarization and training material for Member States on the IAEA screening tool.
- Contributes to the capacity building activities in the Member States by providing support to running activities in the MEREIA programme.

## Competencies and Expertise (do not revise or edit)

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.

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<b>Functional Competencies</b>		
<b>Competence</b>	<b>Occupational Role</b>	<b>Behavioural Indicator</b>
Client orientation	Associate	Establishes effective relationships with clients to understand and meet or exceed their needs. Finds ways to ensure client satisfaction.
Knowledge sharing and learning	Associate	Actively seeks opportunities to learn by formal and informal means; learns from others, adopting and sharing best practice.
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.

<b>Expertise</b>	
<b>Expertise</b>	<b>Description</b>
NSRW/Assessment of radioactive releases in the environment	Experience in technical assessment of the transfer of radionuclides in the environment and resulting exposures to people and the environment.
NSRW/Application of Safety Standards	Experience and/or understanding of the practical application of radiation protection and safety standards for the public and environment. Asset Essential.

## **Education, Experience and Language Skills**

- University degree in physical sciences, natural sciences, social sciences, engineering.
- Minimum two years of relevant experience in modelling of transfer of radionuclides in the environment and dose assessment
- Knowledge of radiation safety and IAEA Safety Standards an asset
- Excellent oral and written command of English, Knowledge of other official IAEA languages (Arabic, Chinese, French, Russian, Spanish) is an asset.

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