

Vacancy Notice: Technical Officer, Technology Assessment Transportation (P1)

Job title Technical Officer, Technology Assessment Transportation

Organizational Unit: Faculty, Research

Grade: P1

Duty Station: Malmö, Sweden

Duration of contract: One-year fixed-term appointment

1. Organizational setting

The World Maritime University (WMU) is a postgraduate and research university established in 1983 by the International Maritime Organization, the maritime agency of the United Nations. WMU offers M.Sc. and Ph.D. programs, postgraduate diplomas, and Professional Development Courses with the highest standards in maritime and oceans education and training. The incumbent will be working within the Research Unit at WMU's headquarters in Malmö, Sweden.

2. Main purpose

In the framework of a major research project on Technological Developments in the Global Transport Sector, WMU is seeking to recruit four (4) Technical Officers, Technology Assessment Transportation. The research team of WMU will be conducting a Technology Assessment to evaluate a possible trajectory, impact on and implications for employment, jobs and skills requirements as a result of the introduction of new technologies and automation in the transport sector by 2040. In order to successfully conduct this assessment, applications are being invited for the composition of a strong multi-disciplinary team composed of applied economists, transport and logistics specialists and policy analysts.

The successful applicants will work under the overall supervision of the Head of Research and may functionally be directed by different faculty members of WMU.

3. Working relationships

Internal contacts – the incumbent will liaise and interact with relevant faculty members on a regular basis as well as with support staff when needed.

External contacts – the incumbent may be required to liaise with persons in the global transport sector, including the maritime sector in the context of the project.

4. Duties, responsibilities

The selected candidates will work with a multi-disciplinary team with faculty to carry out a Technology Assessment in the Global Transport Sector with a focus on how the introduction of technology and automation will affect jobs, employment and skills in the sector by 2040.

The Technical Officer, Technology Assessment Transportation will be required to perform the following tasks:

- conduct research in the field of technology analysis with a focus on forecasting and projecting of trends relating to the introduction of technology and automation in the global transport sector,
- develop related models (both qualitative and quantitative) for Technology Forecasting and Technology Impact Determination,
- Identify relevant factors/indicators (both macro and micro) to be considered for the tasks described above,
- apply methods in a scientific manner for the solicitation of expert assessment,
- organize, assist with delivers of workshops and project meetings,
- support presentation of research findings at professional conferences and meetings,
- develop and maintain a web/social media presence for the project,
- support project administration, including reporting.
- provide support for any other tasks related to the project as may be required.

5. Minimum requirements – education, experience and language skills

Education

Essential

MSc in political sciences, economics, transport operations management, logistics and supply chain management, transportation engineering or any other discipline relevant in the research on the Technology Assessment in the Transportation Sector. A PhD would be an advantage as well as proven relevant experience related to technology assessments.

Experience

Essential

- Minimum of 3 years' experience in policy analysis and/or analytical/forecasting studies in the transportation/logistics sector.
- A track record in research and scholarly publication in relevant fields related to this vacancy notice.
- Experience in contributing to research projects related to the policy analysis, impact assessments and projection of trends in technology development.

Desirable

- Professional experience in the transportation sector
- Experience in planning and organizing research projects
- Experience in organizing conferences and seminars

Languages

Essential

- Fluency in spoken and written English.

Desirable

- Knowledge of French, Spanish or other UN official languages would be an advantage.

6. Knowledge and skills

Knowledge and skills

Essential

- Excellent communications skills.
- Ability to work independently and as part of a professional/academic team.
- Effective organizational skills to manage time, set priorities and undertake administrative tasks.
- Ability to work in a multicultural environment and to demonstrate gender-sensitive and non-discriminatory behaviour and attitudes.
- Ability to deal with administrative matters as appropriate to status and with reference to other colleagues within WMU.

These vacancies are open to male and female candidates. WMU seeks to increase the number of women at all levels and, therefore, qualified women are particularly encouraged to apply. WMU will make every effort to facilitate the employment of persons with disabilities.

Application

The position offers an attractive salary (P-1 Grade of the ICSC salary scale), free of income tax in Sweden, a benefits package and relocation expenses. Applicants should send a letter of interest, a completed CV, and the contact information of three referees to Marco Batista, Head of Human Resources (mb@wmu.se).

Deadline for Applications: 23 January 2017.