



Donor Funded Staffing Program

TOR No:	<u>2024-009</u>
Title:	Junior Professional Officer – Environmental Economist
Grade:	UC
Division/VPU:	Environment, Natural Resources and Blue Economy Global Practice (SEAE2)/ East Asia and the Pacific (EAPVP)
Duty Location:	Washington, D.C
Appointment Type and Duration:	Two-year Term Appointment

BACKGROUND

Environment and Natural Resources Global Practice Context

Located within the World Bank’s Sustainable Development Practice Group, the Environment, Natural Resources and Blue Economy Global Practice (ENB) provides expertise, technical assistance, and financing to help developing countries manage land, sea and freshwater natural resources in a sustainable way to help create jobs, improve livelihoods, enhance ecosystem services, decrease pollution and increase resilience to climate change. Over 360 ENB staff working across the globe help set a clean, green growth trajectory for resilient economies and healthy communities.

ENB five key business lines consisting of lending and non-lending services in (1) Forests, Landscapes and Biodiversity; (2) Blue Economy; (3) Pollution Management, Environmental Health, and Circular Economy; (4) Environmental Economics, Policies, and Institutions; and (5) Environmental Risk Management.

Unit Context

The SEAE2 unit is one of two ENB units in the East Asia and Pacific Region (EAP) and comprises about 40 staff. Staff in the unit manage a full spectrum of environment, climate change, green growth, blue economy, pollution management and natural resource lending and non-lending tasks in Vietnam, Cambodia, Laos, Myanmar, the Philippines, Thailand, and Malaysia. The unit also provides environmental risk management support to the entire World Bank investment portfolio in these countries, helping them to increase its sustainability through managing potential environmental impacts from their Bank-financed development programs by applying the World Bank Environmental and Social Framework (ESF) or the Environmental Safeguard Policies. Two-thirds of the unit’s staff are based in Asia and the remaining in Washington, D.C.

The Junior Professional Officer will report to the SEAE2 Practice Manager, based in Sydney.

DUTIES AND RESPONSIBILITIES

- Carry out in depth economic analysis and lead and contribute to analytical and advisory services on climate, environmental and natural resource management issues in South-east Asia.

- Lead and contribute to cost-benefit analysis for investment operations on climate, environmental and natural resource management.
- Support preparation and implementation of environment or natural resources World Bank lending operations including participation in preparation and supervision missions.
- Support environment, climate and natural resource policy dialog with the government and other stakeholders related to the Bank's portfolio.
- Lead and contribute to knowledge sharing, learning, dissemination, and awareness raising activities.
- Lead and contribute to preparation of briefings, presentations, undertake research for analytical studies, and develop short notes/reports.

Note:

The selected candidate will not be assigned to programs involving their own government such as donor coordination and trust fund management.

SELECTION CRITERIA

- Advanced degree (PhD or Masters) in economics, environment or natural resource economics, agricultural economics or equivalent is required.
- Minimum of at least three years of relevant experience.
- Proficient in statistical analysis tools such as R, Python, or other relevant software.
- Ability to conduct rigorous statistical analyses to derive meaningful insights from environmental and economic data.
- Familiarity with satellite imagery, remote sensing technologies, and GIS (Geographic Information System) tools.
- Ability to integrate earth observation data into economic analyses to assess environmental changes and impacts.
- Experience in developing and implementing machine learning models for environmental predictions and impact assessments.
- Proficient in handling large datasets relevant to environmental economics including skills in data preprocessing, cleaning, and management to ensure the accuracy and reliability of analyses.
- Proven ability to collaborate with interdisciplinary teams, including scientists, economists, and policymakers.
- Experience in effectively communicating technical concepts related to tools and methodologies to diverse stakeholders.