

Technical Diploma in Environmental Risk Assessment and Communication



Description

The Technical Diploma in Environmental Risk Assessment and Communication is a comprehensive three-month program designed to equip participants with the knowledge and practical competencies required to identify, assess, manage, and communicate environmental and occupational health risks that affect populations.

The diploma integrates training in epidemiology, environmental and occupational health, toxicology, risk assessment, risk management, and risk communication. By the end of the program, participants are prepared to evaluate environmental and occupational hazards, develop evidence-informed risk management strategies, and communicate risks effectively to communities, policymakers, and other stakeholders.

Objectives

By the end of this diploma, participants will be able to:



Recognize major environmental and occupational health hazards and understand their impact on population health.

Assess environmental exposures using epidemiologic, toxicologic, and risk-based approaches.



Apply risk assessment principles to evaluate potential health effects associated with environmental hazards.

Develop appropriate strategies to manage and reduce environmental and occupational health risks.



Communicate environmental risks clearly and effectively to the public, policymakers, and other stakeholders.

Apply evidence-informed approaches to evaluate environmental health interventions and support decision-making.



**Program
Details**



Duration:
3 Months



Language:
English



Fees:
USD \$375

Key Features

Certificate:
Technical
Diploma



Type:
Practice-Oriented
Diploma

Duration:
3 Months



Modality: Fully
Online | Self-Paced

Language:
English



**Training
Hours:** 180

Fee:
USD \$375



Program Structure

The diploma consists of six integrated modules:

- Basic Epidemiology
- Epidemiology of Environmental and Occupational Health
- Principles of Toxicology
- Environmental Risk Assessment
- Environmental Risk Management
- Environmental Risk Communication

Each module builds progressively to strengthen participants' ability to understand environmental and occupational hazards, assess exposures and associated health risks, develop risk management approaches, and communicate risks effectively.

Target Audience

The diploma is ideal for:

- ✓ Environmental health officers and occupational health practitioners
- ✓ Public health professionals and public health inspectors
- ✓ Environmental scientists, toxicologists, and WASH specialists
- ✓ Disaster risk reduction and emergency preparedness professionals
- ✓ Professionals working in ministries, municipalities, and institutions responsible for environmental monitoring, regulation, or public risk communication
- ✓ Early-career professionals seeking practical skills in risk assessment, management, and communication



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