



Training Course	ESSENTIALS OF ENVIRONMENTAL RISK ASSESSMENT AND MANAGEMENT (ERAM)
Course Language	English
Course Duration	1 DAY Time: 4 hours with 15 minutes break per hour
Course Objectives	<ul style="list-style-type: none">- Gain knowledge and skills on the essential requirements and compliance to help in the identification of risk exposures, assessing the threat affecting the environment and/or human health and the significance of the risk- Discussing and understanding the fundamentals of the risk assessment and management procedures- Identifying and classifying environmental hazards and risks- Evaluating the significance and likelihood of environmental harm which might derive from a specific activity.- Understanding the scope of environmental risk assessment by specifying what needs to be protected from harm, and by identifying potential harmful effects- Identifying risk management choices and the hierarchy of risk management strategies- Understanding the legal and ecological risk exposures and emergency preparedness.- Understanding risk communication
Course Content	Course Key Topic Area Includes: <ul style="list-style-type: none">- Introduction and overview of environmental risk management and assessment- Understanding the context of risk management process- Environmental Risk Assessment and Hazards- Requirements for assessment and hazard identification process- Risk Analysis and Risk Matrix- Essential Tools for mitigating risks and how to mitigate risk- Hierarchy of controls- Environmental performance and Continual Improvement



**Learning
Outcomes**

At the end of the program the trainees will be able to:

- **Develop a risk management system, addressing key elements of risk identification, assessment, mitigation and communication**
- **Set impacts assessment priorities and manage uncertainty**
- **Identify and control thoroughly potential environmental risks**
- **Facilitate critical decision-making, risk tolerance, risk evaluation techniques and cost benefit analysis.**
- **Estimate the consequences of environmental hazards to the ecology and human health**
- **Provide assurance to stakeholders that adverse environmental impacts as a result of human activity are taken into consideration**
- **Provides commitment and dedication to environmental protection and continual improvement, while enabling you solve complex environmental issues.**
- **Promote the use of a generic framework to reach a decision on managing environmental risk which involves developing and implementing control measures for environmental hazards, given prevailing scientific, social, economic and regulatory influences.**



Target Audience	<p>This course is suitable for;</p> <ul style="list-style-type: none">- Stakeholders and Owners- Project managers- Environmental engineers- Project coordinators,- Project control personnel- Consultants and contractors- Students and individuals responsible for planning, executing and managing major projects gaining an understanding of risk assessment as a multidisciplinary approach to evaluating scientific data, the techniques involved in analyzing risks, generally accepted framework principles and limitations of current risk assessment methods.
<p>Course Material</p> <p>/Technology used/</p> <p>Details Relevant to the course.</p>	<ul style="list-style-type: none">- Online Training with PowerPoint Presentation- Case Study presentations