



*Training Course:
Environmental Impact Assessment (EIA)*

*21 September - 2 October 2025
Istanbul (Turkey)
DoubleTree by Hilton Istanbul Esentepe*

Training Course: Environmental Impact Assessment (EIA)

Training Course code: SC236150 From: 21 September - 2 October 2025 Venue: Istanbul (Turkey) - DoubleTree by Hilton Istanbul Esentepe Training Course Fees: 9600 € Euro

Introduction

Environmental Impact Assessment EIA is a critical planning and regulatory tool used globally to evaluate the potential environmental consequences of proposed projects before they are carried out. This 12-day intensive training program—developed by Global Horizon Training Center—equips participants with a robust understanding of EIA processes, legal frameworks, analytical tools, stakeholder engagement strategies, and mitigation planning. The program is designed to support professionals in preparing, reviewing, and implementing EIAs that meet national and international environmental standards.

Objectives

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

- Understand the purpose, scope, and process of EIA.
- Identify and assess environmental risks and impacts.
- Apply baseline data collection and analysis techniques.
- Use qualitative and quantitative methods for impact prediction.
- Design effective mitigation and monitoring plans.
- Navigate legal frameworks and international EIA guidelines.
- Engage stakeholders and manage public consultations effectively.
- Prepare high-quality, compliant EIA reports.

Organizational Impact

- Improved compliance with environmental laws and permits
- Enhanced reputation and public trust in development projects
- Reduced project delays due to environmental mismanagement
- Strengthened risk mitigation and environmental planning

- Increased interdisciplinary collaboration within project teams
- Capacity to influence policy and regulatory improvements

Target Audience

- Environmental Specialists and Officers
- Project Managers and Planners
- Engineers and Consultants involved in development projects
- Regulatory Compliance Professionals
- Government Environmental Authorities
- Environmental NGO Professionals
- HSE Managers and Officers

Training Program Outline

Day 1: Introduction to EIA and Sustainable Development

- Evolution and objectives of EIA
- Relationship between EIA and sustainable development goals
- Overview of the EIA process and key components
- Legal foundations and international best practices

Day 2: Screening and Scoping in EIA

- Project screening: determining EIA requirements
- Scoping techniques and criteria
- Terms of Reference ToR development
- Identifying potential impacts and receptors

Day 3: Baseline Studies and Data Collection

- Environmental components: air, water, soil, biodiversity, etc.
- Methods of field data collection and remote sensing
- Seasonal variation and long-term monitoring
- Social and cultural baseline assessments

Day 4: Impact Identification and Evaluation

- Tools and techniques checklists, matrices, Leopold matrix
- Direct, indirect, cumulative, and residual impacts
- Risk assessment methods and significance ranking
- Environmental valuation approaches

Day 5: Prediction and Quantification of Impacts

- Air quality modeling, water quality analysis, noise prediction
- Ecological modeling and habitat loss estimation
- Socioeconomic and cultural impact prediction
- Uncertainty and limitations in predictions

Day 6: Mitigation Measures and Alternatives Analysis

- The mitigation hierarchy: avoid, reduce, compensate
- Evaluating project alternatives
- Designing adaptive and resilient mitigation strategies
- Cost-benefit analysis in decision-making

Day 7: Environmental Management Plans EMP

- Structure and content of EMPs
- Monitoring plans and performance indicators
- Contingency and emergency preparedness

- Institutional roles and capacity building

Day 8: Legal and Regulatory Frameworks

- National EIA legislation and procedures
- Key international guidelines: IFC, UNEP, World Bank, etc.
- Environmental permits and compliance documentation
- Transboundary impacts and international agreements

Day 9: Public Participation and Stakeholder Engagement

- Importance and benefits of stakeholder inclusion
- Methods of consultation and community engagement
- Addressing grievances and public concerns
- Communication tools and facilitation techniques

Day 10: Review and Decision-Making Process

- Criteria for evaluating EIA reports
- Role of regulators, reviewers, and the public
- Decision-making under uncertainty
- EIA approval process and conditional clearances

Day 11: Strategic Environmental Assessment SEA and Cumulative Impacts

- Differences between SEA and EIA
- Integrating environmental concerns at the policy level
- Tools for assessing cumulative and regional impacts
- Linkages with climate change and biodiversity plans

Day 12: EIA Report Writing and Case Study Analysis

- Best practices for preparing EIA documentation
- Executive summaries, impact tables, and appendices

- Group workshop: critique and revise a sample EIA report
- Final group presentations and wrap-up discussions

Registration form on the Training Course: Environmental Impact Assessment (EIA)

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

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3 Oudai street, Aldouki,
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Egypt.