

# Environmental Monitoring and Modelling – Environmental Management Systems

## Venue Information

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**Venue:** London UK

**Place:**

**Start Date:** 2025-09-08

**End Date:** 2025-09-12

## Course Details

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**Net Fee:** £4750.00

**Duration:** 1 week

**Category ID:** STC

**Course Code:** STC-8

## Syllabus

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### **courses Syllabus**

**Introduction:** As environmental concerns continue to escalate, organizations worldwide are focusing on mitigating the environmental impacts of their operations, products, and services. Environmental performance is crucial for both internal and external stakeholders. Achieving optimal environmental performance necessitates a systematic approach and continual improvement through an Environmental Management System (EMS).

**Objectives:** Upon completion of this courses, participants will:

- Gain insights into various environmental aspects and their impacts.
- Understand the requirements outlined in the ISO 14001:2004 environmental management standard.
- Develop and implement effective Environmental Management Systems (EMS).
- Prepare a roadmap for obtaining ISO 14001:2004 certification from a certifying body.

### **Day 1: Introduction to Environmental Management**

- Explore the fundamentals of environmental management.
- Understand the concept of the environment and its importance.
- Learn about the benefits of effective environmental management.
- Identify key elements of Environmental Management Systems (EMS).
- Establish a foundational understanding of EMS document frameworks.

### **Day 2: Environmental Management Systems**

- Craft an Environmental Policy.
- Understand ISO 14001:2004 principles.
- Conduct Initial Environmental Reviews (IER).
- Identify and assess environmental aspects and impacts.

### **Day 3: Environmental Aspects & Impacts**

- Analyze environmental impacts.
- Address global, regional, and local environmental issues.
- Determine significant environmental aspects.
- Identify regulatory and standards' requirements.
- Explore methods for conducting comprehensive Environmental Impact Assessments (EIA).

### **Day 4: Environmental Impact Assessment (EIA)**

- Understand the Environmental Impact Assessment (EIA) process.
- Learn about its elements and execution.
- Develop skills to conduct effective EIAs.
- Analyze impacts comprehensively to inform decision-making processes.

### **Day 5: Internal Environmental Auditing**

- Learn how to conduct internal environmental audits.
- Facilitate the management review process.
- Gain insights into auditing techniques and compliance assessment.
- Understand the importance of continual improvement in environmental management systems.