MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

METHODS OF ENVIRONMENTAL MEASUREMENTS: WATER, AIR, AND SOLID WASTES

"Accurate monitoring and measurement techniques for effective environmental protection and compliance."

Schedule

Date	Venue	Fees
28 Oct 2026	Online	USD 450 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

Effective environmental monitoring is essential for protecting public health, ensuring workplace safety, and meeting regulatory compliance requirements. Accurate measurement of water quality, air emissions, and solid waste characteristics enables organizations to identify environmental risks, assess compliance status, and implement appropriate control measures. Errors or gaps in measurement practices can result in environmental harm, legal penalties, and reputational damage.

This 1-day intensive online training provides participants with a practical overview of standard methods and best practices for environmental measurements related to water, air, and solid wastes. The course focuses on sampling techniques, measurement instruments, data interpretation, and quality assurance to support reliable environmental monitoring and informed decision-making.

Objectives

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

- Understand key environmental parameters for water, air, and solid waste monitoring.
- Apply standard sampling and measurement methods accurately.
- Select appropriate instruments and techniques for environmental measurements.
- Interpret monitoring data for compliance and risk assessment.
- Support effective environmental management and reporting.

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Why Attend

- Gain essential knowledge of environmental measurement methods in one day.
- Improve accuracy and reliability of environmental monitoring data.
- Understand regulatory expectations and compliance requirements.
- Reduce environmental, health, and safety risks.
- Enhance professional competence in environmental monitoring practices.

Target Audience

This program is designed for:

- Health, safety, and environmental (HSE) professionals.
- Environmental monitoring and laboratory personnel.
- Quality and compliance officers.
- Facility, operations, and maintenance staff.
- Supervisors and managers responsible for environmental performance.

Individual Benefits

Key competencies that will be developed include:

- Ability to apply standard methods for environmental measurements.
- Improved understanding of sampling and monitoring techniques.
- Skills in interpreting environmental monitoring data.
- Enhanced awareness of environmental compliance requirements.
- Increased confidence in environmental reporting and decision-making.

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved environmental monitoring and data reliability.
- Reduced risk of non-compliance and environmental incidents.
- Enhanced environmental management and reporting systems.
- Improved workplace safety and environmental performance.
- Strengthened organizational credibility with regulators and stakeholders.

Instructional Methodology

The course follows a blended online learning approach combining theory with practice:

- Strategy Briefings – Overview of environmental measurement principles and standards.
- Case Studies – Examples of monitoring failures and regulatory findings.
- Interactive Discussions – Interpretation of monitoring results and compliance scenarios.
- Practical Examples – Demonstrations of sampling and measurement techniques.
- Tools – Checklists, reference methods, and monitoring templates.

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Course Outline

Detailed 1-Day Course Outline

Training Hours: 9:00 AM – 4:00 PM Format: 4 Learning Modules | Coffee breaks as scheduled | Lunch Break: 01:00 – 02:00

Day 1: Environmental Measurement Methods

Module 1: Introduction to Environmental Monitoring (09:00 – 10:30)

- Importance of environmental measurements
- Regulatory frameworks and standards
- Overview of water, air, and solid waste monitoring

Module 2: Water Quality Measurement Methods (10:45 – 12:15)

- Physical, chemical, and biological parameters
- Sampling techniques and field measurements
- Laboratory analysis and quality control

Module 3: Air Quality and Emissions Monitoring (01:00 – 02:30)

- Ambient air and workplace air monitoring
- Emissions sampling and measurement methods
- Instrumentation and data interpretation

Module 4: Solid Waste Sampling and Analysis (02:45 – 04:00)

- Waste characterization and classification
- Sampling methods and analytical techniques
- Data reporting, compliance, and course review

Certification

Participants will receive a Certificate of Completion in Methods of Environmental Measurements: Water, Air, and Solid Wastes, validating their understanding of environmental measurement techniques and their application in monitoring, compliance, and environmental management.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**