WASH Program M&E Training Course

Professional Development Training Course Outline

Category	Monitoring and Evaluation	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

(WASH) programs to ensure impactful, sustainable, and evidence-driven outcomes. WASH Program M&E Training Course equips participants with the practical tools, methodologies, and analytical skills to design, implement, and evaluate WASH initiatives efficiently. Leveraging real-world case studies, data visualization techniques, and performance metrics, participants will develop the ability to track program effectiveness, improve service delivery, and optimize resource allocation.

In a rapidly evolving development landscape, WASH programs must respond to emerging challenges such as climate change, urbanization, and health crises. This course emphasizes innovative M&E approaches, including digital monitoring systems, GIS-enabled dashboards, and participatory evaluation methods. Participants will gain hands-on experience in using data to influence policy, enhance stakeholder engagement, and achieve the Sustainable Development Goals (SDGs) related to clean water and sanitation.

Programme Curriculum

WASH Program M&E Training Course

Introduction

Effective Monitoring and Evaluation (M&E) is critical for Water, Sanitation, and Hygiene (WASH) programs to ensure impactful, sustainable, and evidence-driven outcomes. WASH Program M&E Training Course equips participants with the practical tools, methodologies, and analytical skills to design, implement, and evaluate WASH initiatives efficiently. Leveraging real-world case studies, data visualization techniques, and performance metrics, participants will develop the ability to track program effectiveness, improve service delivery, and optimize resource allocation.

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Course Objectives

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

1. Apply advanced WASH program monitoring and evaluation frameworks.
2. Design indicators aligned with SDG 6 and national WASH policies.
3. Conduct participatory assessments for community-driven water and sanitation projects.
4. Implement digital data collection using mobile and web-based platforms.
5. Analyze quantitative and qualitative data for decision-making.
6. Develop dashboards and visual reports for WASH program performance.
7. Integrate gender, equity, and inclusion considerations into WASH M&E.
8. Evaluate the impact of hygiene promotion campaigns.
9. Utilize GIS mapping for monitoring water point functionality.
10. Identify and mitigate risks in WASH service delivery.
11. Apply cost-effectiveness and efficiency analysis for resource optimization.
12. Translate evaluation findings into actionable recommendations.
13. Strengthen accountability mechanisms with evidence-based reporting.

Target Audience

1. WASH program managers
2. M&E officers and data analysts
3. Community development practitioners
4. NGO and government project staff
5. Water and sanitation engineers
6. Health promotion officers
7. Policy makers and advisors
8. Development consultants

Course Modules

Module 1: Introduction to WASH M&E

- Understanding WASH sector goals and SDGs
- Principles of Monitoring and Evaluation
- Roles and responsibilities of M&E practitioners
- Key challenges in WASH M&E
- Case study: Evaluating rural water supply programs

Module 2: WASH Indicators and Metrics

- Developing SMART indicators

- Quantitative vs qualitative indicators
- Measuring water access, sanitation coverage, and hygiene behavior
- Tracking progress with output, outcome, and impact indicators
- Case study: National WASH indicator frameworks

Module 3: Data Collection Tools and Techniques

- Surveys, interviews, focus groups
- Mobile and digital data collection tools
- Remote sensing and GIS applications
- Ensuring data quality and integrity
- Case study: Mobile data collection in informal settlements

Module 4: Community-Based M&E Approaches

- Participatory rural appraisal techniques
- Engaging communities in monitoring
- Feedback loops for community-led decision-making
- Gender-sensitive data collection
- Case study: Hygiene promotion evaluation in rural Kenya

Module 5: Data Management and Storage

- Database design for WASH projects
- Cloud-based data storage solutions
- Ensuring data security and privacy
- Best practices in data documentation
- Case study: Data management for multi-district WASH programs

Module 6: Data Analysis Techniques

- Statistical analysis for WASH data
- Analyzing qualitative data
- Trend and pattern identification
- Using software like Excel, SPSS, or R
- Case study: Impact assessment of water purification programs

Module 7: GIS Mapping for WASH Monitoring

- Introduction to GIS in WASH
- Mapping water points and sanitation facilities
- Spatial analysis for service coverage gaps
- Visualizing WASH performance with maps
- Case study: GIS for urban water supply monitoring

Module 8: Designing M&E Plans

- Steps for an effective M&E plan
- Logical framework approach
- Resource allocation and budgeting
- Setting realistic timelines and milestones
- Case study: M&E plan for a multi-district sanitation project

Module 9: WASH Program Evaluation Methods

- Process, outcome, and impact evaluations
- Experimental and quasi-experimental designs
- Cost-benefit and cost-effectiveness analysis
- Triangulating multiple data sources
- Case study: Evaluating a school hygiene intervention

Module 10: Data Visualization and Reporting

- Designing dashboards for decision-makers
- Charts, graphs, and infographics
- Storytelling with data for WASH programs
- Reporting standards and templates
- Case study: Interactive dashboard for rural water monitoring

Module 11: Risk and Compliance Monitoring

- Identifying operational and environmental risks
- Monitoring compliance with standards
- Mitigation strategies
- Integrating monitoring into risk management
- Case study: Monitoring water quality compliance

Module 12: Gender, Equity, and Inclusion in WASH M&E

- Understanding gender and social inclusion issues
- Inclusive indicator design
- Participatory evaluation with marginalized groups
- Reporting on equity outcomes
- Case study: Inclusion-focused WASH interventions

Module 13: Using M&E for Advocacy and Policy

- Evidence-based advocacy
- Translating data into policy recommendations
- Engaging government and stakeholders
- Leveraging findings for funding support
- Case study: Policy influence from sanitation evaluation

Module 14: Sustainability and Impact Assessment

- Measuring long-term program outcomes
- Environmental sustainability metrics
- Scaling successful interventions
- Lessons learned documentation
- Case study: Sustainability assessment of community water projects

Module 15: Action Planning and Continuous Improvement

- Using M&E findings for program improvement
- Adaptive management approaches

- Building capacity for continuous learning
- Implementing feedback loops
- Case study: Continuous improvement in WASH service delivery

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Online	$2,000

Start Date	End Date	Location	Price
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

Ready to enroll or request a customized program? Book online or contact us:

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