

Course No. 1640

# Sustainable Public Health Management Training Course

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**PUBLIC HEALTH, ENVIRONMENT & SUSTAINABILITY MANAGEMENT  
GOVERNMENT & PUBLIC SECTOR**

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DURATION

**5 Days**

DELIVERY

**Classroom**



## Course Overview

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The Sustainable Public Health Management Training Course is a practical and strategically focused program designed to strengthen the capabilities required to plan, manage, evaluate, and continuously improve sustainable public health programs. The course provides an integrated framework for connecting public health protection, disease prevention, health promotion, environmental sustainability, occupational health, risk management, emergency preparedness, and evidence-based decision-making.

Sustainable public health management requires organizations to move beyond short-term responses and establish systems that can anticipate health risks, use resources responsibly, measure outcomes, and adapt to changing needs. This course equips participants with practical approaches for assessing population and workforce health needs, establishing priorities, designing preventive programs, allocating resources, monitoring performance, and evaluating the effectiveness and sustainability of health interventions.

The program is particularly relevant to government entities, ministries, public sector organizations, and large corporations, as well as industrial, energy, and oil and gas organizations where public health can be closely connected to occupational exposure, environmental conditions, workforce wellbeing, community protection, and operational continuity. Participants will explore how sustainable health practices can be integrated into organizational policies, risk management systems, environmental health programs, and operational planning.

The course emphasizes practical application through case studies, workplace scenarios, data analysis exercises, emergency simulations, and strategic planning workshops. Participants will develop the ability to translate health data and risk assessments into practical programs, measurable performance indicators, effective prevention strategies, and sustainable improvement initiatives that support organizational resilience and informed decision-making.

## Objectives

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- Analyze the principles of sustainable public health management and their relationship with long-term organizational and community health outcomes.
- Assess workforce and population health needs and establish priorities based on evidence, risk exposure, available resources, and organizational objectives.

- Apply structured methodologies to identify, evaluate, and prioritize public health, occupational health, and environmental health risks.
- Develop sustainable public health and health promotion programs aligned with organizational needs and strategic priorities.
- Evaluate the social, environmental, occupational, and economic factors that influence health outcomes and determine appropriate intervention priorities.
- Design measurable performance indicators for monitoring the effectiveness, efficiency, quality, and sustainability of public health programs.
- Analyze health and environmental data to identify trends, emerging risks, performance gaps, and opportunities for preventive action.
- Develop practical strategies for disease prevention, health promotion, early detection, health surveillance, and risk reduction.
- Strengthen integration between public health, occupational health, environmental health, sustainability, emergency preparedness, and enterprise risk management.
- Evaluate the effectiveness and impact of public health interventions and identify appropriate corrective and improvement actions.
- Design effective coordination and stakeholder engagement approaches involving government agencies, healthcare organizations, operational departments, and communities.
- Develop an actionable sustainable public health management plan incorporating priorities, resources, responsibilities, performance indicators, implementation stages, and continuous improvement mechanisms.

## Who Should Attend

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This course is designed for Public Health Managers, Public Health Specialists, Environmental Health Specialists, Occupational Health Managers, Occupational Health Professionals, Health Promotion Specialists, Health Program Managers, Health Policy and Planning Specialists, Public Health Officers, Health Surveillance Professionals, Health Risk Management Specialists, and professionals responsible for designing, implementing, monitoring, and evaluating public health initiatives.

It is also highly relevant to executives, department heads, decision makers, facility managers, Human Resources leaders, Health, Safety and Environment professionals, Sustainability Managers, Risk Managers, Emergency Preparedness Managers, and Corporate Health professionals within ministries, government authorities, public sector organizations, healthcare institutions, industrial

companies, energy organizations, and oil and gas companies. The program is particularly suitable for professionals responsible for workforce health, community health protection, environmental health, emergency preparedness, health risk management, and sustainable organizational performance.

## Learning Outcomes

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- Explain the principles and strategic importance of sustainable public health management.
- Identify key social, environmental, occupational, and organizational determinants that influence health outcomes.
- Conduct structured health needs assessments and establish evidence-based public health priorities.
- Develop practical prevention and health promotion programs aligned with organizational and community needs.
- Assess public health, occupational health, and environmental health risks across different operational environments.
- Analyze health and environmental data to identify trends, emerging risks, and areas requiring intervention.
- Develop meaningful key performance indicators for measuring public health program effectiveness and sustainability.
- Prepare professional health performance reports that support management review and evidence-based decision-making.
- Design effective health surveillance, prevention, early detection, and risk reduction initiatives.
- Develop emergency preparedness and response strategies for public health and environmental health incidents.
- Integrate sustainable public health principles into enterprise risk management, environmental sustainability, and organizational planning.
- Develop a practical roadmap for improving public health performance through governance, resource management, monitoring, evaluation, and continuous improvement.

## Course Outline

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### DAY 01

## Foundations of Sustainable Public Health Management

- Principles, scope, and objectives of sustainable public health management
- Evolution from reactive health responses to prevention, resilience, and sustainability
- Relationship between public health, occupational health, environmental health, and community wellbeing
- Social, environmental, economic, and occupational determinants of health
- Public health management within government entities, ministries, and large organizations
- Governance and policy frameworks for sustainable health management
- Health needs assessment and identification of service and protection gaps
- Establishing public health priorities based on risk, evidence, and available resources
- Strategic planning for sustainable public health programs
- Aligning health strategies with organizational objectives and sustainability priorities
- Stakeholder engagement and cross-functional coordination

### PRACTICAL APPLICATION

Conduct a preliminary health needs assessment and establish priorities for a sustainable public health program within an organization, industrial facility, or oil and gas operation

### DAY 02

## Public Health Risk Assessment, Prevention, and Health Promotion

- Principles of public health risk identification and assessment
- Health risk assessment across workplaces, communities, and operational environments
- Chemical, physical, biological, and environmental health hazards
- Occupational and environmental exposure pathways and potential health consequences
- Designing preventive health programs based on identified risks
- Principles of health promotion and workforce wellbeing
- Health education, awareness, and behavior-change strategies

## DAY 02 — CONTINUED

- Health surveillance, early detection, and preventive monitoring
- Disease prevention and control strategies
- Managing public health risks in industrial and oil and gas environments
- Integrating preventive health controls into operational risk management

**PRACTICAL APPLICATION**

Assess health risks within a workplace environment and design a measurable prevention and health promotion program

## DAY 03

## Health Data, Performance Measurement, and Sustainability

- The role of health data in public health management and strategic decision-making
- Sources of public health, occupational health, and environmental health data
- Data collection, validation, classification, and quality management
- Health indicators, trends, and performance analysis
- Using data to establish priorities and support resource allocation
- Developing key performance indicators for public health programs
- Measuring quality, effectiveness, efficiency, and sustainability
- Program monitoring and evaluation frameworks
- Measuring outcomes and assessing the impact of health interventions
- Developing health performance dashboards and management reports
- Communicating health performance information to executives and decision makers

**PRACTICAL APPLICATION**

Analyze a health dataset and develop a performance measurement framework and management dashboard for a sustainable public health program

**DAY 04**

## Public Health Emergency Preparedness and Organizational Resilience

- Principles of public health emergency preparedness and response
- Identification of potential public health and environmental emergency scenarios
- Health risks associated with infectious disease outbreaks and operational incidents
- Developing public health emergency preparedness and response plans
- Resource and capability management during health emergencies
- Coordination between public health, occupational health, HSE, operations, security, and emergency response teams
- Health communication and information management during emergencies
- Protecting workers and communities during public health crises
- Response to environmental contamination, hazardous materials, and health-related incidents
- Maintaining essential services and operational continuity during health emergencies
- Post-incident evaluation, lessons learned, and recovery planning

**PRACTICAL APPLICATION**

Simulate a public health and environmental emergency within an industrial or oil and gas facility and develop an integrated response, containment, recovery, and improvement plan

**DAY 05**

## Governance, Continuous Improvement, and Sustainable Health Strategy

- Governance principles for sustainable public health programs
- Developing public health policies, procedures, standards, and accountability mechanisms
- Integrating public health into enterprise risk management and strategic planning
- Connecting public health with environmental sustainability and corporate responsibility
- Resource planning and improving the efficiency of public health investments
- Program evaluation and evidence-based improvement
- Management review and identification of performance gaps
- Change management for sustainable public health initiatives

## DAY 05 — CONTINUED

- Building a culture of prevention, health awareness, and organizational wellbeing
- Strategic health reporting for senior management and decision makers
- Developing a continuous improvement and sustainability roadmap

**FINAL WORKSHOP**

Develop a comprehensive Sustainable Public Health Management Strategy covering health needs assessment, risk management, prevention, health promotion, data and performance indicators, emergency preparedness, governance, sustainability, resource planning, implementation priorities, and continuous improvement

## Register or Request More Information

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Course page: <https://quest-training.com/courses/sustainable-public-health-management-training-course>

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