



MAESTRO
CONSULTANTS

HSSE RESEARCH METHODS

COURSE OUTLINE 2024

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TRAINING TITLE

HSSE RESEARCH METHODS

VENUE

Kuala Lumpur, Malaysia

DURATION

5 Days

DATES

09 - 13 September 2024

PRICE

\$5,750 per attendee including training material/handouts, morning/afternoon coffee breaks, and Lunch buffet.

TRAINING INTRODUCTION

Effective decision-making in health, safety, and environmental (HSSE) management requires a solid foundation in research methods. This five-day "HSSE Research Methods" course equips participants with the knowledge and skills to conduct research relevant to HSSE issues, analyze data effectively, and utilize findings for program improvement.

TRAINING OBJECTIVES

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

- Identify and define research questions relevant to HSSE concerns.
- Select appropriate research methods for different HSSE research inquiries.
- Develop a sound research design and methodology for conducting HSSE research.
- Collect and analyze HSSE data using various techniques.
- Interpret research findings and draw meaningful conclusions.
- Apply research findings to improve HSSE programs and interventions.

TRAINING AUDIENCE

- Safety Officers and Health & Safety Specialists
- Environmental Professionals and Sustainability Managers
- HSSE Program Managers and Specialists
- Human Resources Professionals involved in HSSE data analysis
- Researchers interested in applying their skills to HSSE issues

- Anyone seeking to conduct research and improve their organization's HSSE performance through evidence-based approaches.

TRAINING OUTLINE

Day 1: Introduction to HSSE Research

- The Importance of HSSE Research: Understanding the role of research in solving HSSE problems and improving performance.
- Types of HSSE Research: Exploring quantitative, qualitative, and mixed-methods research approaches.
- Defining Research Questions: Developing clear, focused, and answerable questions to guide your HSSE research.

Day 2: Research Design & Methodology

- Building a Research Design: Formulating a framework for conducting your HSSE research effectively.
- Selecting Research Methods: Choosing the most suitable methods (e.g., surveys, interviews, case studies) for your research question.
- Developing a Research Plan: Creating a detailed outline outlining your research methodology, data collection, and analysis approach.

Day 3: Data Collection Techniques for HSSE Research

- Quantitative Data Collection Techniques: Exploring methods like surveys, questionnaires, and observation forms.
- Qualitative Data Collection Techniques: Understanding techniques like interviews, focus groups, and document analysis.
- Ethical Considerations in HSSE Research: Ensuring ethical conduct in data collection and participant privacy.

Day 4: Data Analysis and Interpretation

- Quantitative Data Analysis Techniques: Learning methods like statistical analysis and interpreting results.
- Qualitative Data Analysis Techniques: Exploring methods like coding, thematic analysis, and drawing meaning from qualitative data.
- Triangulation and Data Integration: Combining data from different sources for a more robust understanding.

Day 5: Disseminating and Utilizing Research Findings

- Writing Research Reports: Effectively communicating your research findings in a clear and concise manner.
- Developing Actionable Recommendations: Translating research findings into practical strategies for improving HSSE programs.
- Evaluating Research Impact: Assessing the effectiveness of your research in addressing HSSE challenges.

TRAINING CERTIFICATE

MAESTRO CONSULTANTS Certificate of Completion for delegates who attend and complete the training course.

METHODOLOGY

Our courses are highly interactive, typically taking a case study approach that we have found to be an effective method of fostering discussions and transferring knowledge. Participants will learn by active participation during the program through the use of individual exercises, questionnaires, team exercises, training videos and discussions of “real life” issues in their organizations. The material has been designed to enable delegates to apply all of the material with immediate effect back in the workplace.