



BIODIVERSITY AND HABITAT CONSERVATION TRAINING



MTBM Group Sdn. Bhd. (1600656-M)

Level 8, MCT Tower, Sky Park, One City, Jalan USJ 25/1, 47650 Subang Jaya, Selangor

Course Title: Biodiversity and Habitat Conservation Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with comprehensive knowledge on biodiversity, ecosystem functions, habitat conservation, and sustainable management of natural resources. It addresses local and global biodiversity concerns, drivers of habitat loss, conservation strategies, and legal requirements in Malaysia. Participants will learn practical approaches to assess biodiversity impacts, conserve sensitive habitats, support restoration initiatives, and integrate biodiversity considerations into environmental management systems and sustainability programmes.

OBJECTIVE(S):

- Understand biodiversity concepts and ecosystem interdependencies.
- Identify major habitat types, species groups and conservation priorities.
- Recognise threats to biodiversity and causes of habitat degradation.
- Apply biodiversity assessment and monitoring methods.
- Understand Malaysian biodiversity laws, policies and environmental governance.
- Implement habitat conservation, restoration and mitigation strategies.
- Integrate biodiversity considerations into ISO 14001 environmental systems.
- Strengthen organisational sustainability practices and nature-positive actions.

TARGET GROUP(S):

- Environmental Officers and Executives
- Sustainability and ESG Teams
- Occupational Safety and Health Practitioners
- Engineers, Technicians and Facility Personnel
- Plantation, Forestry, Marine and Wildlife Personnel
- Construction, Infrastructure and Project Managers
- Anyone involved in biodiversity or conservation-related work

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Introduction to Biodiversity and Ecosystem Functions
2. Malaysian Biodiversity Landscape: Species, Habitats and Protected Areas
3. Threats to Biodiversity: Habitat Loss, Pollution, Climate Change and Invasive Species
4. Legal and Policy Requirements (National Biodiversity Policy, Wildlife Conservation Act, Environmental Quality Act 1974)
5. Habitat Types and Conservation Value Assessment
6. Biodiversity and Habitat Impact Assessment Techniques
7. Restoration, Reforestation and Conservation Strategies
8. Biodiversity Monitoring Methods (flora, fauna, aquatic, terrestrial)
9. Biodiversity in ISO 14001: Aspects, Impacts and Mitigation Planning
10. Case Studies, Field Scenarios and Conservation Action Planning

LIST OF REFERENCE BOOK(S):

- National Policy on Biological Diversity
- Wildlife Conservation Act 2010
- Environmental Quality Act 1974
- Convention on Biological Diversity (CBD) Guidelines
- ISO 14001:2015 (Environmental Aspects and Biodiversity Requirements)

LIST OF TEACHING AID(S):

- LCD projector
- Habitat and species identification visuals
- Field sampling tools (for demonstration)
- Case study worksheets
- Flip chart or whiteboard

METHODOLOGY(S):

- Interactive lecture
- Group discussion
- Case studies
- Scenario-based activities
- Field observation simulation (class-based)

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 10:15 am	Topic 1: Biodiversity and Ecosystem Functions
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 2–3: Malaysian Biodiversity and Threats
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 4: Legal and Policy Requirements
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 5: Habitat Types and Conservation Value

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1
9:00 am – 10:15 am	Topic 6: Biodiversity and Habitat Impact Assessment
10:15 am – 10:30 am	Morning Tea Break
10:30 am – 12:30 pm	Topic 7: Restoration and Conservation Techniques
12:30 pm – 1:30 pm	Lunch Break
1:30 pm – 3:30 pm	Topic 8–9: Monitoring Methods and ISO 14001 Integration
3:30 pm – 3:45 pm	Afternoon Tea Break
3:45 pm – 5:00 pm	Topic 10: Case Studies, Action Planning and Final Review