

Airport Wildlife Management Course Agenda

Day 1

0900 – 0915 Registration & introduction by students and lecturer
0915 – 0930 Course Overview

Module 1: Introduction to Wildlife Problem at Airports

0930 – 1100 History of wildlife strikes
Statistics of wildlife strikes at the global level
Consequences of strikes in terms of birds vs aircraft types
Overview of the ICAO and FAA standards
Liability between airport operators, airlines
Discussion Activity: Historical Wildlife Strikes at your Airport

1100 – 1115 Break

Module 2: Holistic Approach to Wildlife Management

1115 – 1200 Introduction to the Aerodrome Wildlife 360
Define the current situation at the airport
Designing a solution
Deploying mitigation and training
Determining effectiveness (Key Performance Indicators)

1200 – 1300 Lunch

Module 3: Roles & Responsibilities of Stakeholders

1300 – 1400 Role and responsibilities of different WHM team members
Regulatory and training requirements required to support WHMP
Role of stakeholders outside the airport
Responsibilities of Civil Aviation Authority
Stakeholder Management Plan
Discussion: Stakeholder Problems

1400 – 1430 Summary of Day 1

Day 2

0900 – 0915 Review of Day 1

Module 4: Birds and Wildlife Identification

0915 – 1000 Significance of species identification
General behavioural patterns of local birds
Species-specific behavioural pattern of both local and migratory birds

Module 5: Aerodrome Environment, Resource Prioritization, and Risk Management

1000 – 1100 Habitats within the aerodrome
Wildlife attractants in aerodrome
Risk management
Components of the risk matrix
Prioritizing resources for greater efficiency

1100 – 1115 Break

Module 6: Strike Reporting

1115 – 1200 Define bird strikes
Strike reporting procedures
Carcass recovery and species identification procedures
Sampling technique for DNA/feather analysis

1200 – 1300 Lunch

Module 7: Data Collection

1300 – 1430 Methodologies adopted for data collection
Utilize collected data to identify associated risks and prepare appropriate preventive plans
Which data collection system is best for your airport?
Activity: Case study on the Avian Radar

1430 – 1500 Summary of Day 2

Day 3

0900 – 0915 Review of Day 2

Module 8: Wildlife Hazard Assessment

0915 – 1000 Components of the Wildlife Hazard Assessment
Discussion Activity: Case study of an airport's ecosystem and the potential wildlife hazards present within and around the aerodrome

Module 9: Wildlife Hazard Management

1000 – 1045 Major components of wildlife hazard management
Significance of Wildlife Hazard Management Plan (WHMP)
Key Performance Indicators and components required to evaluate WHMP
Evaluate WHMP

1045 – 1100 Break

1100 – 1215 Group Activity: Conduct a WHMP for an airport in groups of 4 base on scenarios provided

1215 – 1315 Lunch

Module 10: Wildlife Hazard Management Techniques

1315 – 1430 Common challenges of using dispersal tools
Active dispersal tools
Passive mitigation tools

1430 – 1500 Summary of Day 3

Day 4

0900 – 0915 Review of Day 3

0915 – 1115 Activity: Traps, barriers and passive mitigation

Module 11: Global perspective of WHMP and its future

1115 – 1145 Best practices adopted regarding aerodrome wildlife hazard management
Future of wildlife management

1145 – 1245 Lunch

1245 – 1315 Summary of course

1315 – 1345 Assessment