

Airport Wildlife Operations

Course Agenda

Day 1

0900 – 0910 Registration & introduction by students and lecturer
0910 – 0915 Course Overview

Module 1: History of Airport Wildlife Strikes

0915 – 1000 History of wildlife strikes
Statistics of wildlife strikes at the global level
Consequences of strikes in terms of birds vs aircraft types
ICAO standards
Role and responsibilities of different stakeholders

Module 2: Holistic Approach to Wildlife Management

1000 – 1045 Introduction of the Aerodrome Wildlife 360
Assessment of the airport
Concept of WHMP at airports
Evaluate WHMP

1045 – 1100 Break

Module 3: Birds and Wildlife Identification

1100 – 1230 Significance of species identification
Bird identification techniques
1230 – 1245 Activity: Bird identification

1245 – 1330 Lunch

Module 4: Behaviour of Birds and their Characteristics

1330 – 1415 General behavioural patterns of local birds
Species-specific behavioural pattern of both local and migratory birds

Module 5: Aerodrome Environment and Habitat Management

1415 – 1445 Habitat ecology within the aerodrome
Wildlife attractants in aerodrome

1445 – 1500 Activity: Identify Attractants

1500 – 1515 Break

Module 6: Data Collection

- 1515 – 1520 Activity: Counting large numbers
1520 – 1615 Methodologies adopted for data collection
Data collection systems
1615 – 1645 Activity: Showcase of BIRD Tab and Radar
1645 – 1700 Summary of Day 1

Day 2

- 0900 – 0930 Review of Day 1

Module 7: Strike Reporting

- 0930 – 1015 Define bird strikes
Strike reporting procedures followed
Carcass recovery and species identification procedures
Sampling technique for DNA/feather analysis
1015 – 1030 Break

Module 8: Wildlife Hazard Management Techniques

- 1030 – 1130 Active tools used to control wildlife at airports
Techniques adopted to reduce the risk related wildlife hazard
1130 – 1230 Passive tools used to control wildlife at airports
1230 – 1245 Activity: Dispersal scenarios
1245 – 1345 Lunch
1345 – 1530 Activity: Showcase of devices
Activity: Traps, barriers and passive mitigation
1530 – 1545 Break

Module 9: Future of Wildlife Hazard Management

- 1545 – 1615 Significance of automation and technology in WHMP
1615 – 1645 Assessment
1645 – 1700 Certificate Presentation