

**COSCAP-SEA & WBA**  
**Training on Integrated Wildlife Risk Management – A Risk-Based Approach to Aviation Safety**  
**Jakarta, Indonesia, 2 - 6 November 2026**

**SYLLABUS**

**Duration: 4 Training Days + 1 Independent Study / Networking Day**

**Day 1: 2 November 2026 - Foundations of Wildlife Risk Management**

Module 1: Global Wildlife Risk in Aviation

- Global wildlife strike trends and emerging risks
- Operational, safety and economic impacts
- Future challenges

Module 2: ICAO Framework

- ICAO Annexes and guidance material
- GASP, AP-RASP and State responsibilities
- International best practices

Module 3: Wildlife Risk Management Principles

- Hazard identification and risk assessment
- Performance-based Wildlife Risk Management
- Roles and responsibilities

Workshop

- Wildlife Risk Management Maturity Assessment

**Day 2: 3 November 2026 - Safety Management and Governance**

Module 4: State Safety Programme (SSP)

- Safety governance
- State responsibilities
- Regulatory coordination

Module 5: Safety Management Systems (SMS)

- Integrating wildlife risk into SMS
- Safety assurance and risk controls
- Management of change

Module 6: Safety Performance Management

- Safety Performance Indicators (SPIs)
- Safety Performance Targets (SPTs)
- Performance monitoring and reporting

Practical Exercise

- Develop SPIs/SPTs for wildlife risk management.

### **Day 3: 4 November 2026 - Independent Study / Airport Visit**

#### Independent Activities

- Wildlife Risk Gap Analysis
- Review organizational Wildlife Hazard Management Programme
- Analyze a wildlife strike case study
- Prepare an organizational improvement presentation

#### Optional Activities

- Airport technical visit
- Technology demonstrations
- Faculty mentoring and networking

### **Day 4: 5 November 2026 - Data, Oversight and Operational Risk**

#### Module 7: Data-Driven Decision Making

- Wildlife reporting systems
- Data analysis and predictive analytics
- GIS and emerging technologies

#### Module 8: Risk-Based Oversight (RBO)

- Risk-based surveillance
- Performance-based oversight
- Compliance monitoring

#### Module 9: Operational Wildlife Risk Assessment

- Wildlife surveys and habitat assessments
- Operational risk evaluation
- Mitigation planning

#### Practical Exercise

- Develop a Risk-Based Oversight plan using wildlife data.

### **Day 5: 6 November 2026 - Implementation and Collaboration**

#### Module 10: Collaborative Wildlife Risk Management

- Multi-stakeholder coordination
- Information sharing
- Regional collaboration

#### Module 11: Wildlife Hazard Management Programme Implementation

- Programme development
- Governance and continuous improvement
- Monitoring effectiveness

#### Module 12: Action Planning and International Best Practices

- Global case studies
- Organizational implementation roadmap

**COSCAP**  
Southeast Asia

Cooperative Development of Operational Safety  
and Continuing Airworthiness Programme



- Future challenges and innovation

Module 13: The Role of the World Bird Strike Association (WBA)

- WBA's role in supporting ICAO and Member States
- Global collaboration, research and capacity building
- Partnership and membership opportunities

Final Exercise

- Present an organizational Wildlife Risk Management Action Plan.

----- END -----