



ICAO

International Civil Aviation Organization

ICAO Asia/Pacific Wildlife Hazard Management Workshop
and Seventh Meeting of the Asia/Pacific Wildlife Hazard
Management Working Group (AP-WHM/WG/7)

Pokhara, Nepal, 5 to 9 May 2025

**Agenda Item 5: State's Action Plan for Establishment and Implementation of
Wildlife Hazard Management Programme – State's Update**

**ESTABLISHMENT AND IMPLEMENTATION OF A NATIONAL WILDLIFE HAZARD
WORKING GROUP**

(Presented by Indonesia)

SUMMARY

This paper presents an update on Indonesia's action plan and implementation on establishment of the Wildlife Hazard Management Working Group. The Working Group is focused particularly on the steps taken and being in progress to implement the identified actions for Wildlife Hazard Management Program in Indonesia

1. INTRODUCTION

1.1 To establish a high level national forum including all relevant Government Organizations to discuss issues related to wildlife hazards on or in vicinity of an aerodrome(s) and establish national procedures for evaluation of effectiveness of the Airport Wildlife Hazard Management Program, the Third Meeting of the Aerodrome Operations and Planning Sub-group (AOP/SG/3) had adopted *Conclusion AOP/SG/3-5* as appended below which was formulated by AP-WHM/WG/1:

Conclusion AOP/SG/3-5: National Wildlife Hazard Management Committee

That, States are encouraged to establish a national Wildlife Hazard Management Committee taking into consideration a proposed Composition of the Committee and its TOR as placed in Appendices F and G to the AOP/SG/3 Report.

1.2 States are encouraged to establish a national Wildlife Hazard Management Committee taking into consideration a proposed Composition of the Committee: the proposed TOR for the Committee as placed in Appendix G to the AOP/SG/3 Report.

2. DISCUSSION

Establishment of the Indonesian Wildlife Hazard Management Working Group

2.1 Indonesian Airport Directorate had a concern on the increment issues on the wildlife hazards, especially on the Bird strike incidents. A few group discussion awareness were conducted involving related aviation stakeholders, i.e. Airport and Air Operators. This series of small working groups then brought the related stakeholders to establish in the first Aviation Wildlife Management workshop, held in December 2014. This workshop had successfully assembling not only Aviation Stakeholders (Indonesian Air Operators, Airport Operators, Air Navigation Service Provider, Directorate of Airport, Directorate of Airworthiness and Aircraft Operations), but Government Agencies from the Ministry of Forestry and Conservation, Local Government of the Land-use, National Research Agency, and most importantly Ornithologist, Conservationist who brought a wider perspective on the Ecological and Habitat Management Program.

2.2 With the support from Ministry of Transportation Research and Development agency, and involving scientist/experts, series of selected Airports habitat observation had conducted in a period of 2020-2022, with objectives of re-establishing wildlife hazards and strikes database in a scope of: species identification, birds behavioral within airport, risk assessment, habitat management, and strikes/incident review. Five selected Airports had been defined as a pilot project, to establish a common approach and methodology in an effective Wildlife Hazard Management Program. Additional assessment on the land-used changes also involving the Transportation Research and Study by an academic approach from one of the biggest Universities.

2.3 Following establishment of the National Wildlife Hazard Management Working Group, by a Decree from the Indonesia Directorate General of Civil Aviation, a series of activities on the internal coordination to support Airport Operators WHMP implementation and its effectiveness; and also to establish collaboration with related Stakeholders, as well as Regional and International Agencies. The Working Group's tasks are:

- Preparing a framework for the formation of the National Wildlife Hazard Management Committee.
- Assist airport operators in identifying potential wildlife hazards at the airports and providing recommendations for wildlife hazard management mitigation in Airport.
- Promoting the implementation of wildlife hazard management practices within the aviation industry.
- Cooperating with domestic and or international agencies or communities involved in wildlife hazard management in the aviation sector.
- Assisting in the establishment of collaborative networks between aviation stakeholders and environmental stakeholders as well as institutions or universities that can support wildlife data collection, research activities as well as studies of wildlife and their ecosystems in and around the airport area.
- Organizing discussion forum activities for all relevant stakeholders to address hazard management and risk reduction of wildlife disturbances in aviation.
- Collecting data on accidents/incidents related to wildlife and attacks or impacts that impact flight safety
- Encouraging the provision of training and skills for aviation personnel or airport managers responsible for managing wildlife hazards in the airport environment

2.4 To ensure compliance with the requirements of Standard and Recommended Practices (SARPs) contained in Annex-14 and ICAO USOAP CMA Protocols Questions related to Wildlife Hazard Management, Indonesia is developing the State Action Plan for Establishment and Implementation of WHMP considering the national and local conditions.

2.5 With the support of the existing National Wildlife Hazard Management Working Group, the Committee members are defining activities for the development and implementation of WHMP at the national level and starting to compromise members from different Directorates is constituted to support the national coordinator.

2.6 Indonesia is starting to undertake the actions recommended in the generic template with the aim to establish the National Wildlife Hazards Committee.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) urge States to update the progress on their implementation of the Action Plan; and
- b) discuss any relevant matters as appropriate.

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