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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 2: Review Outcome of Relevant Meetings**OUTCOMES OF THE ICAO ASIA/PACIFIC WILDLIFE HAZARD MANAGEMENT WORKSHOP**

(Presented by AAWHG on behalf of the AP/WHM/WG)

SUMMARY

This paper presents the outcomes of the ICAO Asia/Pacific Wildlife Hazard Management Workshop conducted on 5 – 6 May 2025 for the meeting's review and comment, and endorsement prior submission to AOP-SG/9 for endorsement.

1. INTRODUCTION

1.1. The ICAO Asia/Pacific Wildlife Hazard Management Workshop was conducted on 5 – 6 May 2025 in Pokhara, Nepal as per Task 6/4 mandated by AP-WHM/WG.

1.2. This paper presents the key takeaways of the workshop for the meeting's review, comments and endorsement.

2. DISCUSSIONSummary of the Workshop

2.1. The Workshop considered twelve (12) presentations prepared and delivered by Subject Matter Experts from Australian Aviation Wildlife Hazard Working Group, World Birdstrike Association, Bangalore International Airport and Indonesian WHM WG Coordinator, PT Indonesia AirAsia as provided in the Workshop Programme (**Attachment A**).

2.2. All presentations of the Workshop are available at <https://www.icao.int/APAC/Meetings/Pages/2025-AP-WHM-WG-7.aspx>.

Key Takeaways

2.3. Key takeaways of the Workshop are summarized below for review and comments by Members of the Working Group and reporting to AOP/SG/9 for its consideration:

- 1) Governance and oversight frameworks at State level should facilitate a practical/workable and relevant, across all aviation disciplines (aerodromes, aircraft operations, ANS).
- 2) Understanding of the ecology of the hazard (wildlife) allows consideration and implementation of preventive and escalation/reactive controls.

- 3) Knowledge of the extent of the threat posed by the hazard of wildlife is critical to enable the key risk stakeholders (aircraft operators) to make key risk-informed decision and allow the support/enabling elements such as airports and ANSPs to minimise the extent of the threat, manage the residual exposure and accurately communicate systemically.
- 4) Wildlife hazards and the associated risks, whilst unique in being biologically based are but one of the numerous such risks in aviation (such as meteorology and volcanic ash, as examples), hence consistent and replicable consideration as per Annex 19 is essential.
- 5) Stakeholder engagement and communication including foundational knowledge of the hazard/threat/risk including training and competency is essential. This includes off-airport/non-aviation parties such as land-use planners, local authorities, adjacent communities.
- 6) The nature of wildlife hazards is dynamic and evolving hence foundational knowledge of the subject appropriate for the particular stakeholder (i.e. an aerodrome wildlife control unit versus a pilot versus an ATC versus management) is essential.
- 7) The establishment of a relevant scaled (size and complexity) WHM programme and associated documentation (plan) is necessary. The programme and associated plan must reflect the reality of what takes place at the aerodrome and must be kept 'living' (subject to assurance and continuous improvement).
- 8) Data including proactive (surveys) and reactive (strikes) in a format that is actionable and accessible to the widest stakeholder cross-section is necessary.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to note and agree with the key takeaways of the workshop for submission to AOP/SG/9 for consideration and agree to formulate the following Draft Conclusion to be adopted by AOP/SG/9:

Draft Conclusion AP-WHM/WG/7 – X: ICAO Asia/Pacific Wildlife Hazard Management Workshop	
What: That, key takeaways of the ICAO Asia/Pacific Wildlife Hazard Management Workshop be circulated to Asia/Pacific States/Administrations for information and consideration.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why: For harmonised and more effective mitigation of wildlife hazards by States/Administrations.	Follow-up: <input checked="" type="checkbox"/> Required from States
When: 4-Jul-25	Status: Draft to be adopted by Subgroup
Who: <input checked="" type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other: XXXX	



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Workshop Programme

Day 1: Monday, 05 May 2025

Time (Local Time)	Programme	Remarks
08:00 – 08:45	Registration	
09:00 – 10:00	Inauguration/Opening of Workshop	
	▪ Housekeeping announcement	▪ Hotel Administration
	▪ National Anthem	▪ Event Manager
	▪ Inauguration of the Workshop	▪ All Dignitaries
	▪ Welcome Remarks by Director General of CAAN	▪ Er. Pradeep Adhikary, Director General of CAAN
	▪ Opening Remarks by Deputy Regional Director of ICAO APAC Office	▪ Dr Manjit Singh, Deputy Regional Director ICAO APAC
	▪ Remarks by the Mayor of Pokhara Metropolitan City	▪ Mr. Dhan Raj Acharya Mayor of Pokhara Metropolitan city
	▪ Remarks by the Hon'ble Chief Minister of Gandaki Pradesh	▪ Mr. Surendra Raj Pandey, Hon'ble Chief Minister of Gandaki Pradesh
	▪ Remarks by the Hon'ble Minister for Culture, Tourism and Civil Aviation	▪ Mr. Badri Prasad Pandey, Hon'ble Minister for Culture, Tourism and Civil Aviation
10:00 – 10:30	Group Photo and High Tea	
10:30 – 10:45 [15 mins]	Global, National and Local Regulatory Framework for WHM <i>Speaker: Mr. Ashley McAlpine, Advisor and Chair Australian WHM Committee</i>	Moderator: Mr. DCL Karn, Chairperson of AP-WHM/WG
10:45 – 11:30 [45 mins]	Stakeholder Engagement <i>Speaker: Mr. Ashley McAlpine, Advisor and Chair Australian WHM Committee</i>	
11:30 – 12:15	Communication	



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Time (Local Time)	Programme	Remarks
[45 mins]	<i>Speaker: Mr. Ashley McAlpine, Advisor and Chair Australian WHM Committee</i>	
12:15 – 12:30 [15 mins]	Questions and Answers Session	
12:30 – 13:30	Lunch break	
13:30 – 14:15 [45 mins]	Hazards, Threats, Risks & Controls <i>Speaker: Mr. Ashley McAlpine, Advisor and Chair Australian WHM Committee</i>	Moderator: Dr Manjit Singh, Deputy Regional Director, ICAO APAC Office
14:15 – 15:00 [45 mins]	Ecology in WHM & What is the importance of Dispersal <i>Speaker: Ms. Lalita Vaswani, President World Birdstrike Association</i>	
15:00 – 15:15 [15 mins]	Questions and Answers Session	
15:15 – 15:45	Coffee break	
15:45 – 16:30 [45 mins]	Bird Biology – Migration/ Flyways <i>Speaker: Mr. Raman Prasad Emani, Board Member South Asia, World Birdstrike Association</i>	Moderator: Dr Manjit Singh, Deputy Regional Director, ICAO APAC Office
16:30 – 17:00	Questions and Answers Session	



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Day 2: Tuesday, 06 May 2025

Time (LT = UTC+8 hrs)	Programme	Remarks
09:00 – 09:45 [45 mins]	Preface to the Global and National Aviation Hazard Management: Need of Perspective Changes <i>Speaker: Mr. Vadakkotil Haridasan, Deputy General Manager - Bird Aircraft Strike Hazard Management, Bangalore International Airport Ltd.</i>	Moderator: Ms. Badriyah Noordin, Senior Manager, Safety, ACI Asia-Pacific & Middle East (Airport Council International)
09:45 – 10:30 [45 mins]	Transforming Approaches to Wildlife Hazard Management in Aerodrome Operations <i>Speaker: Mr. Vadakkotil Haridasan, Deputy General Manager - Bird Aircraft Strike Hazard Management, Bangalore International Airport Ltd.</i>	
10:30 – 10:45	Questions and Answers Session	
10:45 – 11:15	Coffee break	
11:15 – 12:15 [60 mins]	Co-existence with Wildlife, WHMP and its Importance <i>Speaker: Mr. Vadakkotil Haridasan, Deputy General Manager - Bird Aircraft Strike Hazard Management, Bangalore International Airport Ltd.</i>	Moderator: Ms. Badriyah Noordin, Senior Manager, Safety, ACI Asia-Pacific & Middle East (Airport Council International)
12:15 – 12:30	Questions and Answers Session	
12:30 – 13:30	Lunch break	
13:30 – 14:15 [45 mins]	Aerodrome WHMP <i>Speaker: Mr. Vadakkotil Haridasan, Deputy General Manager - Bird Aircraft Strike Hazard Management, Bangalore International Airport Ltd.</i>	Moderator: Ms. Lalita Vaswani, President World Birdstrike Association



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Time (LT = UTC+8 hrs)	Programme	Remarks
14:15 – 15:00 [45 mins]	Need of National Wildlife Strike Committees <i>Speaker: Mr. Achmad Sadikin Abdurachman, Corporate Safety Director and Indonesian WHM WG Coordinator, PT Indonesia AirAsia</i>	
15:00 – 15:30	Coffee break	
15:30 – 16:30 [45 mins]	Case Studies related to Wildlife Strike/ Interactive session <i>Speaker: Mr. Raman Prasad Emani, Board Member South Asia, World Birdstrike Association</i>	Moderator: Ms. Lalita Vaswani, President World Birdstrike Association
16:30 – 17:00 [30 mins]	WHM Quiz	Moderators: Ms. Lalita Vaswani, President World Birdstrike Association and Dr. Punya Raj Shakya, Regional Officer, Aerodromes and Ground Aids, ICAO APAC Office

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