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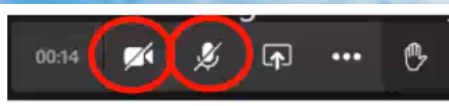


# ICAO Regional Workshop on *Wildlife Hazard Management Programme*

2 May 2023

Workshop starts at 09:00 ICT [UTC+7:00]

Materials: <https://www.icao.int/APAC/Meetings/Pages/2023-Workshop-on-National-WHM-Programme-.aspx>



Please turn **OFF** your microphone and camera



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# ICAO Regional Workshop on *Wildlife Hazard Management Programme*

## Workshop Programme Overview and ICAO Provisions on WHM

**Punya Raj Shakya**

*Regional Officer, Aerodromes and Ground Aids, ICAO Asia and Pacific Office*





## Objectives

- Refresh with ICAO requirements, procedures and guidance related to wildlife hazard management (WHM) primarily for CAA's and Aerodrome Operator's personnel involved in WHM, as well as airline's pilots and ATC



# ICAO Regional Workshop on WHM Programme

- Special thanks to Mr. Ashley McAlpine, CASA Australia (Chair/AAWHG), Mr. SL Wong, ACI Asia and Pacific Office, Ms. Lalita, President WBA and Mr. Haridasan, BIAL



# Outline of the Workshop

Time (ICT) = UTC+7	Topic	Speaker
0900 - 0930	Opening and Introduction of Participants	Chairman, AP-WHM/WG
0930 - 1000	Workshop Programme Overview and ICAO Provisions on WHM	Secretariat
<b>1000 - 1030</b>	<b>Group Photo and Tea/Coffee Break</b>	
1030 - 1100	Establishing a National Aviation Wildlife Strike Committee and the State Safety Programme (SSP)	Mr. Ashley McAlpine, Safety Performance Specialist CASA Australia
1100 - 1130	Aerodrome Wildlife Hazard Management Programme	Mr. SL Wong, Director - Technical & Administrative Affairs, ACI
<b>1130 - 1300</b>	<b>Lunch Break</b>	

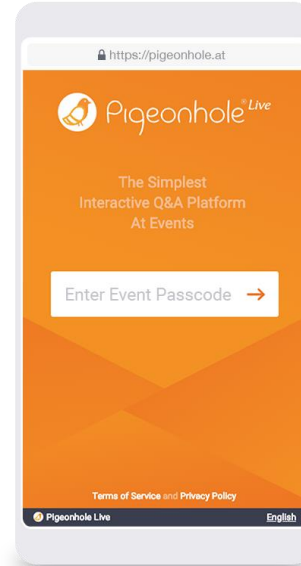


## Outline of the Workshop (cont'd)

Time (ICT) = UTC+7	Topic	Speaker
1300 – 1345	Hazards, Risks and Controls – <i>a different perspective or the future</i>	Mr. Ashley McAlpine, Safety Performance Specialist, CASA Australia
1345 – 1430	World Birdstrike Association's Future Vision	Ms. Lalita Vaswani, President, WBA
1430 – 1500	Aerodrome : A Bird's-eye view	Mr. Haridasan Vadakottil, DGM, BASHM & Habitat Management, BIAL, India
<b>1500 – 1515</b>	<b><i>Tea/Coffee Break</i></b>	
1500 - 1530	Questions and Answers Session	All Speakers and Secretariat

## Q&A session

- Go to [www.pigeonhole.at](https://pigeonhole.at)
- Passcode: **WHMP**
- Select “Question and Answer session” for posting your questions
- Vote for other’s questions
- Posting of questions: 09:00 to 15:15



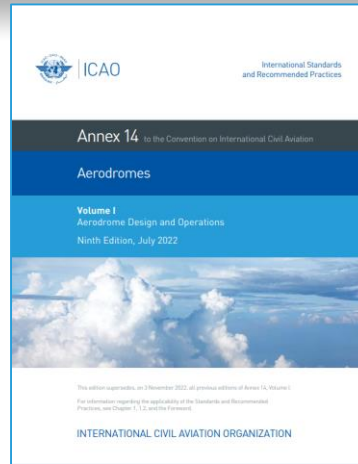
Go to  
[pigeonhole.at](https://pigeonhole.at)

Enter passcode

**WHMP**

# ICAO Provisions on WHM

- Annex 14  
Aerodromes
- ICAO Doc 9981  
PANS Aerodromes
- ICAO Doc 9137  
WHM Manual



**Adopted by Council**



**Approved by Council**



**Approved by the Secretary General**

## Annex 14, Volume I – 9th Edition, July 2022



### 9.4 Wildlife strike hazard reduction

*Note.— The presence of wildlife (birds and other animals) on, or in the vicinity of an aerodrome poses a serious threat to aircraft operational safety.*

9.4.1 The wildlife strike hazard on, or in the vicinity of, an aerodrome shall be assessed through:

- a) the establishment of a national procedure for recording and reporting wildlife strikes to aircraft;
- b) the collection of information from aircraft operators, aerodrome personnel and other sources on the presence of wildlife on or around the aerodrome constituting a potential hazard to aircraft operations; and
- c) an ongoing evaluation of the wildlife hazard by competent personnel.

*Note.— See Annex 15, Chapter 5.*

9.4.2 Wildlife strike reports shall be collected and forwarded to ICAO for inclusion in the ICAO Bird Strike Information System (IBIS) database.

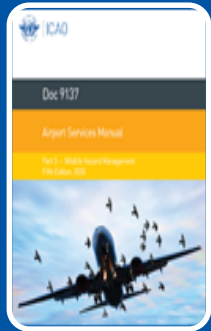
*Note.— The IBIS is designed to collect and disseminate information on wildlife strikes to aircraft. Information on the system is included in the Manual on the ICAO Bird Strike Information System (IBIS) (Doc 9332).*

9.4.3 Action shall be taken to decrease the risk to aircraft operations by adopting measures to minimize the likelihood of collisions between wildlife and aircraft.



**PANS-Aerodromes (Doc 9981), 3rd Edition, Part II,**

- **Chapter 6.3.1 - Wildlife hazard management programme (WHMP)**
- 6.3.1.1 An aerodrome operator **shall** develop, implement and demonstrate **an effective WHMP** at the aerodrome, and this should be tailored to and commensurate with the size and level of complexity of the aerodrome, and the number of aircraft movements and their type, taking into account the wildlife hazards identified and the risk assessment of those hazards.



**Airport Services Manual (Doc 9137), Part 3 – WHM, 5th Edition:**

- Chapter 1. Introduction
- Chapter 2. Stakeholders
- Chapter 3. Aerodrome wildlife safety risk assessment
- Chapter 4. Habitat management
- Chapter 5. Management of hazardous wildlife
- Chapter 6. Advancements in technology
- Chapter 7. Training
- Chapter 8. Operational notifications
- **Chapter 9. Wildlife hazard management programme**



## ICAO APAC Regional Guidance on WHM

<https://www.icao.int/APAC/Pages/eDocs.asp>

### Wildlife Hazard Management

<a href="#">Asia/Pacific Guidance on Development and Implementation of Aerodrome Wildlife Hazard Management Programme</a>	First edition	August 2022
<a href="#">State Action Plan for Development and Implementation of WHMP - Generic Template</a>		January 2023
<a href="#">Survey Questionnaire</a>		September 2019
<a href="#">Composition of National Wildlife Hazard Management Committee</a>		September 2019
<a href="#">Terms of References of National Wildlife Hazard Management Committee</a>		September 2019
<a href="#">Asia Pacific Guidance for Evaluation of Aerodrome Wildlife Hazard Management Programm</a>	First Edition, July 2021	August 2021
<a href="#">Asia Pacific Guidance for Establishment of National Procedure for Recording and Reporting Wildlife Strikes to Aircraft</a>	First Edition, July 2021	August 2021
<a href="#">IBIS Reporting Form</a>		February 2022



THANK YOU!