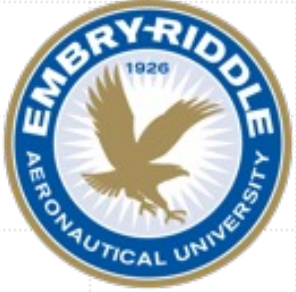



MASTERMARK AIRPORT WILDLIFE HAZARD COURSES

ICAO ASIA PACIFIC – WILDLIFE HAZARD MANAGEMENT
WG6

MASTERMARK 



MASTERMARK 

For more than four decades, Mastermark has stood at the forefront of aerodrome environmental solutions both regionally and globally, offering a wide range of services such as wildlife risk management, habitat conservation, and impact assessments. We have worked with both government and private organisations and are currently the principal wildlife consultant for Changi Airport Group.

Mastermark and Embry-Riddle Aeronautical University, the world's oldest and largest university specializing in aviation and aerospace, have partnered to create the only airport wildlife hazard management courses endorsed by ICAO Trainair plus.





Our People

We are a diverse collective of smart and talented people, eager to make a difference through knowledge and technology in the balance of human safety and wildlife conflicts.

Training: Wildlife Hazard Management

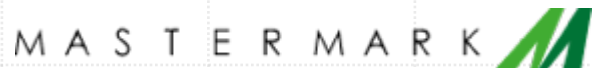
In collaboration with Embry-Riddle Aeronautical University, Mastermark's Wildlife Management Training Courses are certified with ICAO Trainair plus.

- **Wildlife Hazard Management Course**

Singapore In-Person – 25-27 November 2024

- **Wildlife Hazard Operations Course**

Singapore In-Person – 28-29 November 2024



x



x



Who Should Attend?

Management Course

Civil
Aviation
Authorities

Airport
Operators
and
Managers

Operations Course

Grounds
Staff

Wildlife Hazard Management Course

COVERS:

- Roles and responsibilities of each member of the airport wildlife team
- Overview of a wildlife framework based on Mastermark's Aerodrome Wildlife 360
- Understanding policy and an introduction on how to write it
- How to manage stakeholders and their responsibilities
- Evaluating the effectiveness of a Wildlife Hazard Management Programme
- Much more





Training Agenda: Airport Wildlife Management

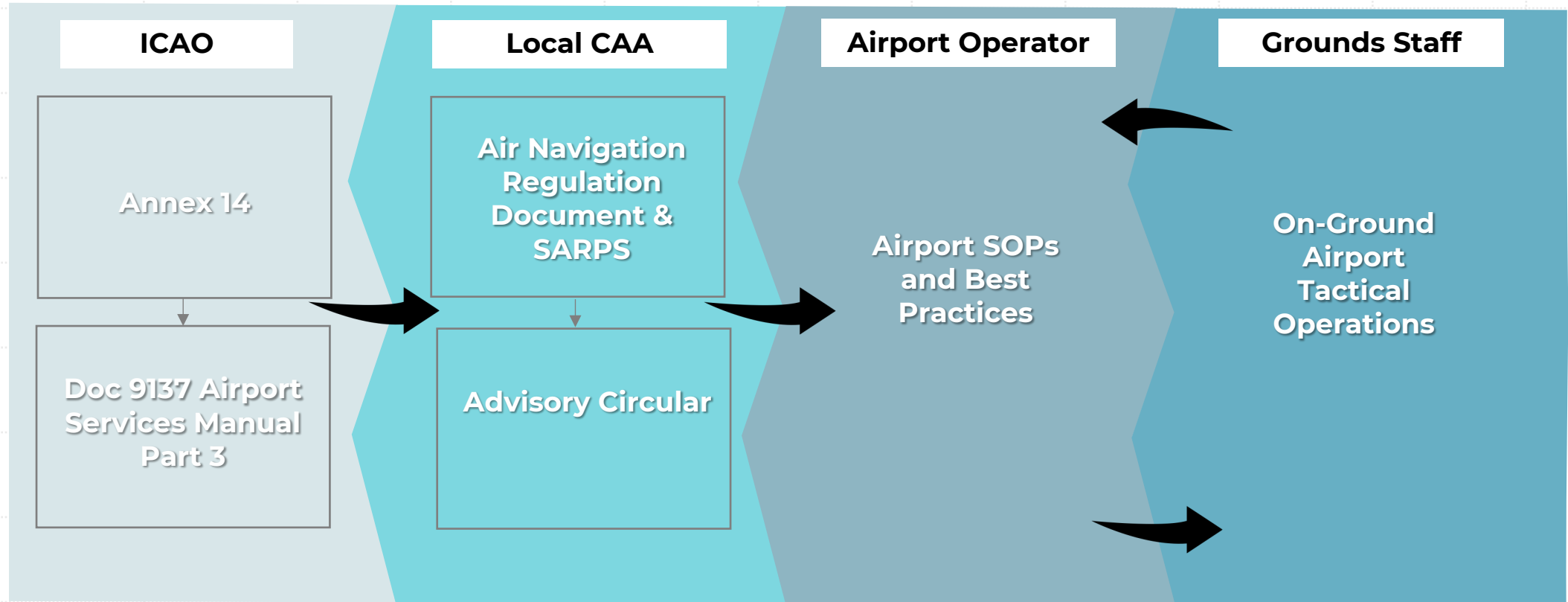
- Module 1: Introduction to Wildlife Problems at Airports
- Module 2: Roles & Responsibilities of Stakeholders
- Module 3: Principles of Local Policies and Guidelines
- Module 4: Development of Policy Documents
- Module 5: Holistic Approach to Wildlife Management
- Module 6: Birds and Wildlife Identification
- Module 7: Aerodrome Environment & Ecology
- Module 8: Wildlife Hazard Assessment & Management Plans
- Module 9: Strike Reporting
- Module 10: Data Collection and Risk Matrix
- Module 11: Wildlife Hazard Management Techniques
- Module 12: Global Perspective of WHMP and Its Future

10 May 2024

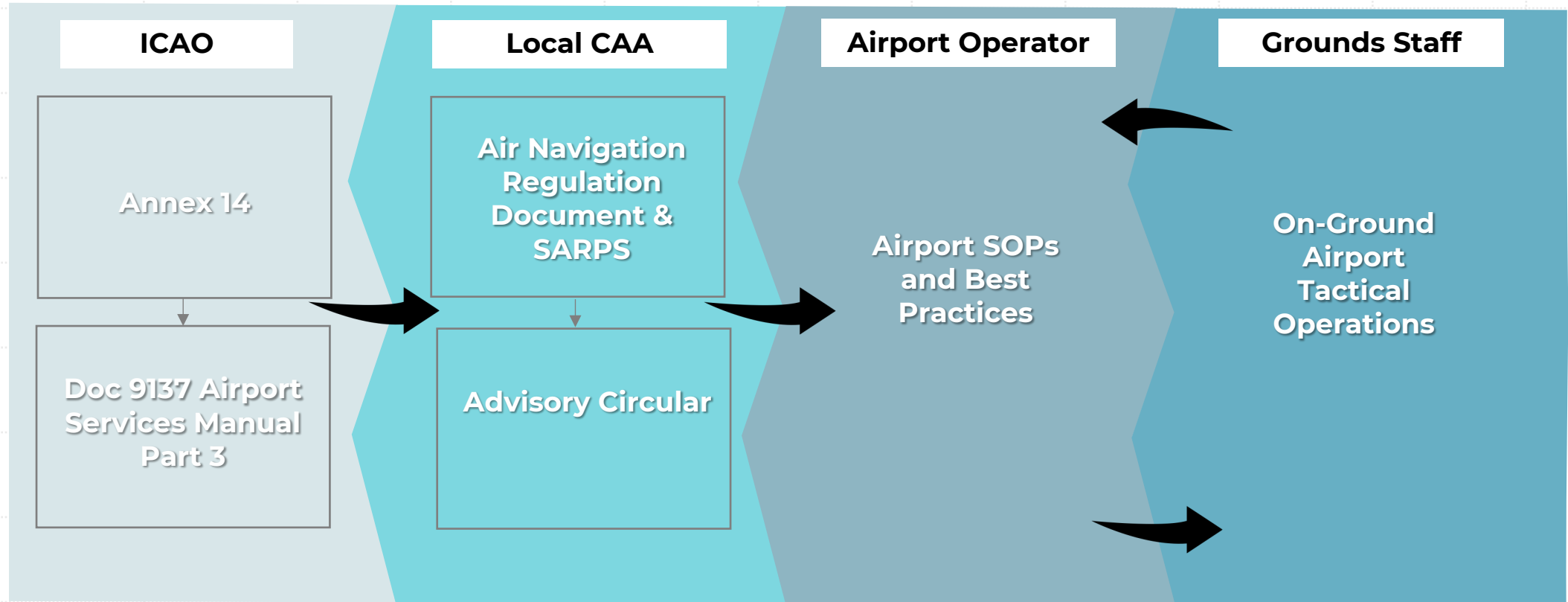


MASTER MARK 

The Gaps in Airport Wildlife Policies



The Gaps in Airport Wildlife Policies



Wildlife Hazard Management – Considerations, Global, and Local

Module 3: Principles of Local Policies & Guidelines

Module 4: Development of Policy Documents

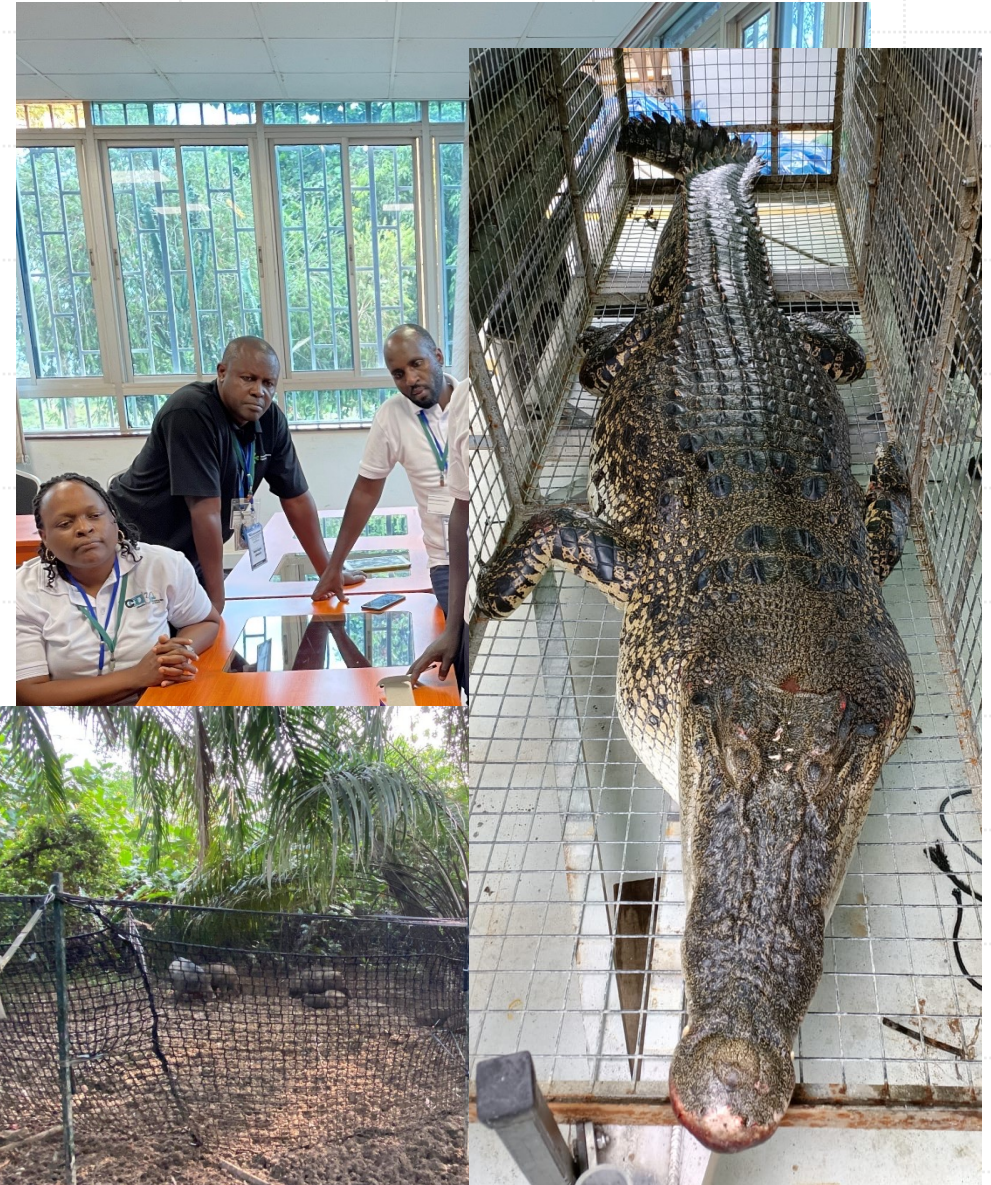
COVERING:

- The international rule-making hierarchy (Annex 14, Rules of the Air, EASA ADs, etc)
- ICAO WHM SARPs and variable means of compliance
- References to guidance: Doc 9137, EASA AMC/GM, FAA AC, UKCAA CAP 772
- State obligations WHM - how these could be demonstrated, using real examples
- Local CAA obligations, adoption/interpretation, and global rules – are they fit for local purposes?
- How should local CAAs develop new policies, rules, and laws - local SARPS
- Local CAA WHM policy development and consultative process
- Compliance beyond regulation – the key performance indicators
- Reporting – mandatory/voluntary and Doc 9332 obligations placed on the State CAA and local stakeholders – the need for local policies/rules and laws

Wildlife Hazard Operations Course

COVERS:

- Wildlife strike reporting protocols according to ICAO standards
- Data collection guidelines under a Wildlife Hazard Assessment
- Types of dispersal techniques used in airports
- Future systems of airport wildlife hazard management
- Hands-on operations activities
- Much more





Training Agenda: Airport Wildlife Operations

- Module 1: History of Airport Wildlife Strikes
- Module 2: Holistic Approach to Wildlife Management
- Module 3: Birds and Wildlife Identification
- Module 4: Behaviour of Birds and Their Characteristics
- Module 5: Aerodrome Environment and Habitat Management
- Module 6: Data Collection
- Module 7: Strike Reporting
- Module 8: Wildlife Hazard Management Techniques (Hands-On)
- Module 9: Future of Wildlife Hazard Management

10 May 2024



MASTER MARK 

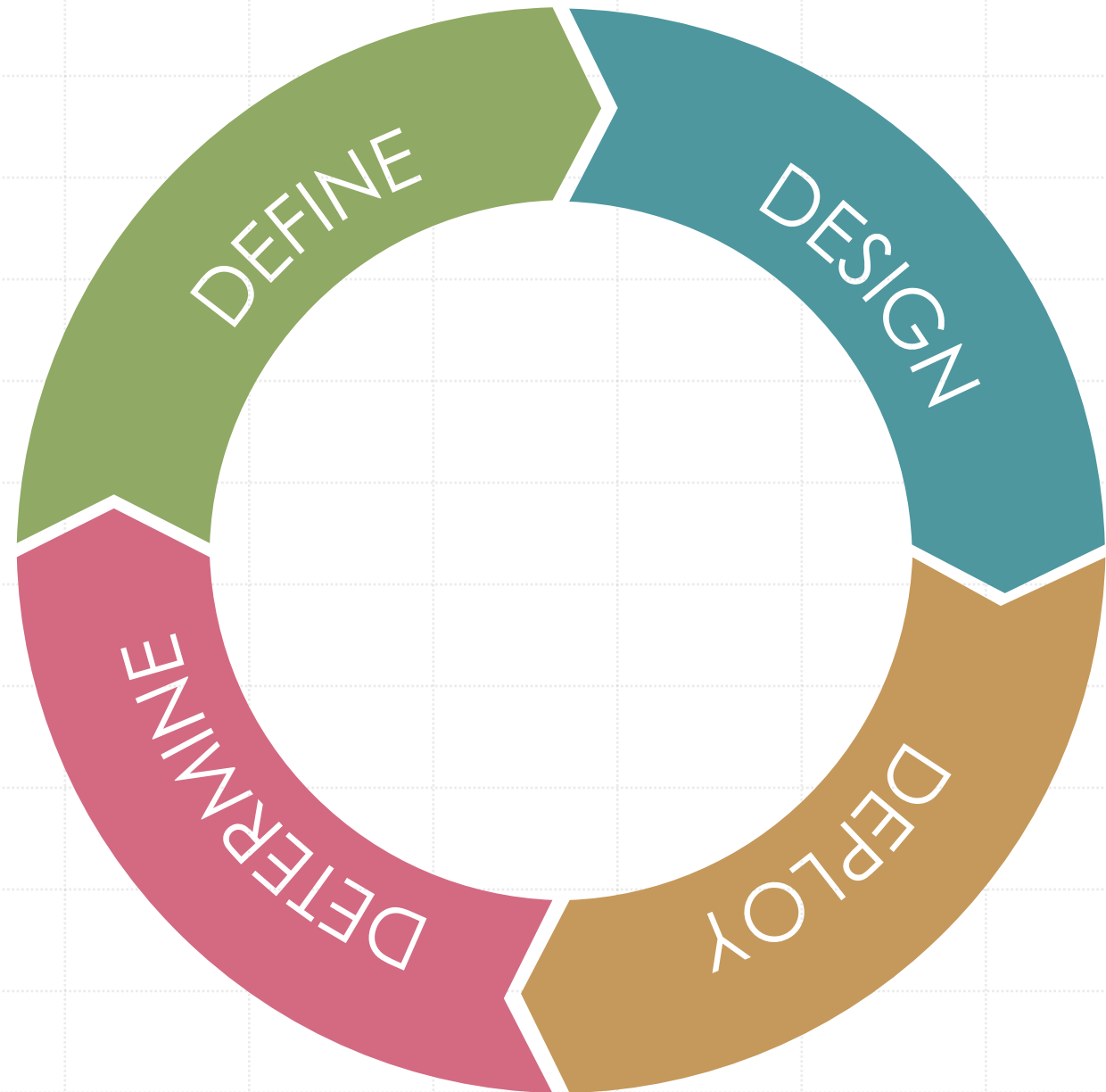
Our Methodology

Define

Design

Deploy

Determine



DEFINE KEY PILLARS



Objectives

Mitigation

Aerodrome Masterplan

Aerodrome Environment

Historical Data

Stakeholders

DESIGN KEY PILLARS



DEPLOY KEY PILLARS



DETERMINE KEY PILLARS



Training: Wildlife Hazard Management

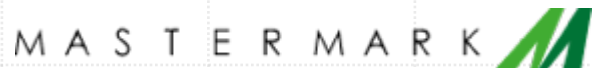
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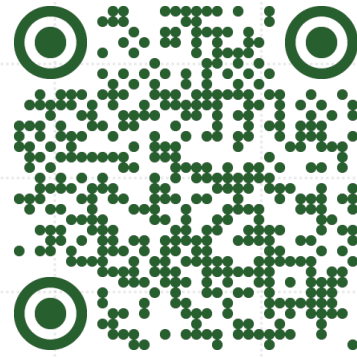
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Any Questions?

airportbiologist.com is a free initiative to aid airports with an information-sharing platform to deal with the intricacies of wildlife management at your airport.

- Ask our in-house biologists questions on aerodrome wildlife hazards
- Contribute information on effective methods for mitigating hazards
- Read articles written by our professionals



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