



# Parallel Session 2.2: Conservation of Migratory Birds

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# Question 1 Monitoring Technology

How to ensure the coordinated migratory water bird conservation at flyway scale?

Technology Innovation

## Center for East Asia-Australasia Flyway Studies



Big Data

Migratory water birds database

Status & Trend



Cooperation

Technical Committee

Working groups & Task Forces



Great Synthesis

Flyway Studies



Flyway Extension

Conservation

& Management



**Satellite  
Tracking**

**Monitoring  
their habitat  
range and  
behavior**

**For flyway  
conservation  
planning**

A satellite image of Earth showing the East-Asian-Australasian Flyway migration route. The image is oriented vertically, with the top of the frame showing the North Pole and the bottom showing the South Pole. The migration route is highlighted in a light blue color, showing a path from the Arctic region in the north, through East Asia, Southeast Asia, and the Indian Ocean, to Australia and New Zealand in the south. The text "MIGRATION PATTERN OF GEESE IN EAST-ASIAN-AUSTRALASIAN FLYWAY" is overlaid in white, uppercase letters, with the Chinese translation "东亚澳大利西亚迁飞区雁类迁徙规律" below it.

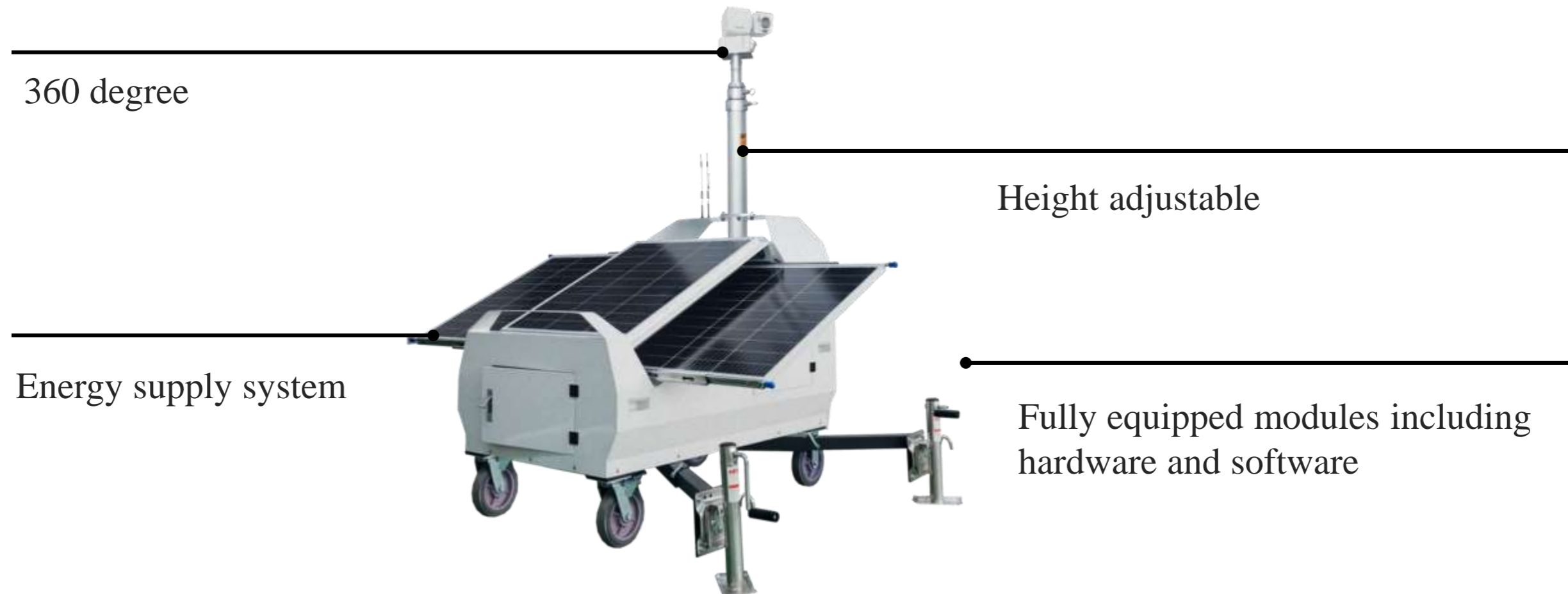
MIGRATION PATTERN OF GEESE IN EAST-ASIAN-AUSTRALASIAN FLYWAY  
东亚澳大利西亚迁飞区雁类迁徙规律



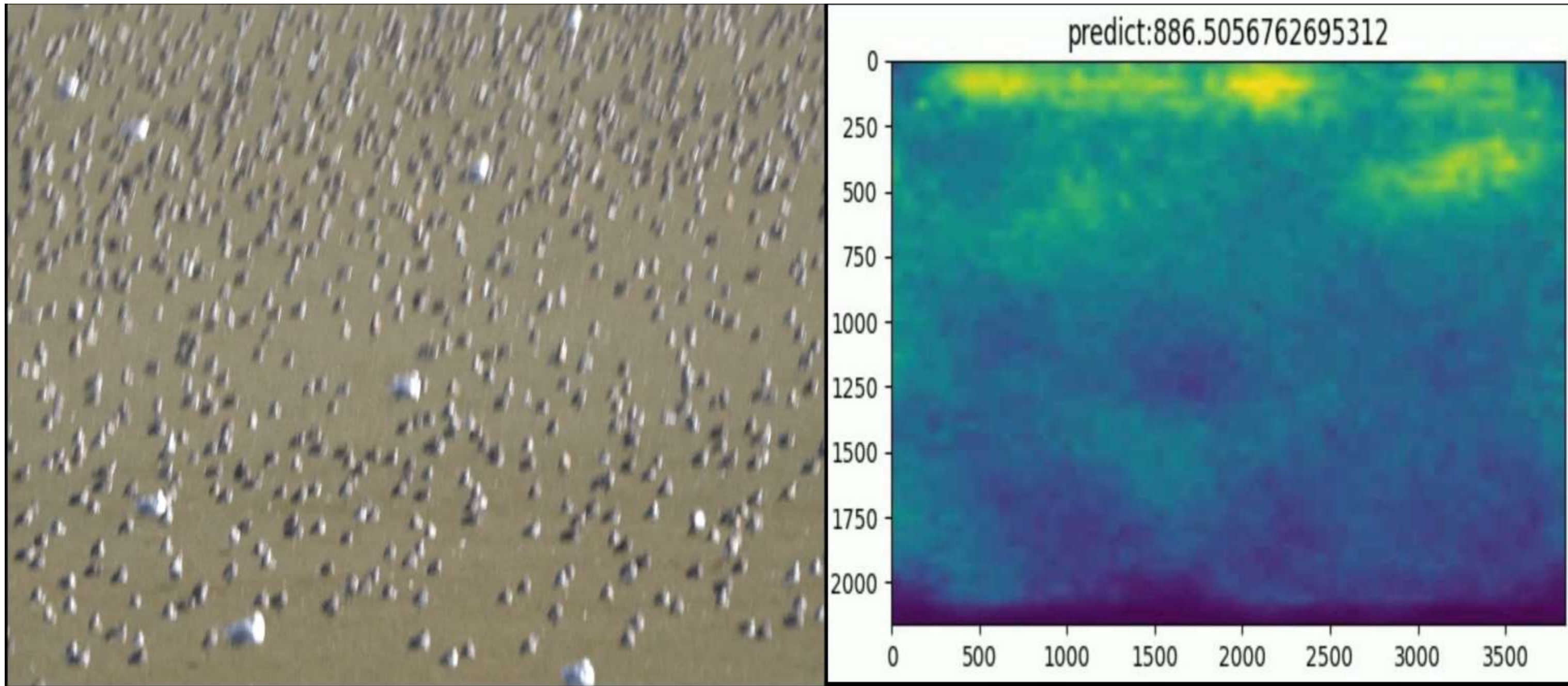
# Automatic Video Data Collection Station



## ① Mobile monitoring station



# Digitizing at Tiaozini, Yancheng



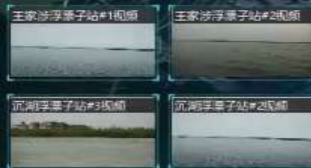
### 当日视频识别结果

监测物种数  
**11种**

### 主站视频



### 分站视频



### 高点视频



斑嘴鸭: 164  
小天鹅: 40  
绿头鸭: 8  
苍鹭: 4  
白鹭: 1

## 杨庄新塔视频

1x | 2x | 5x

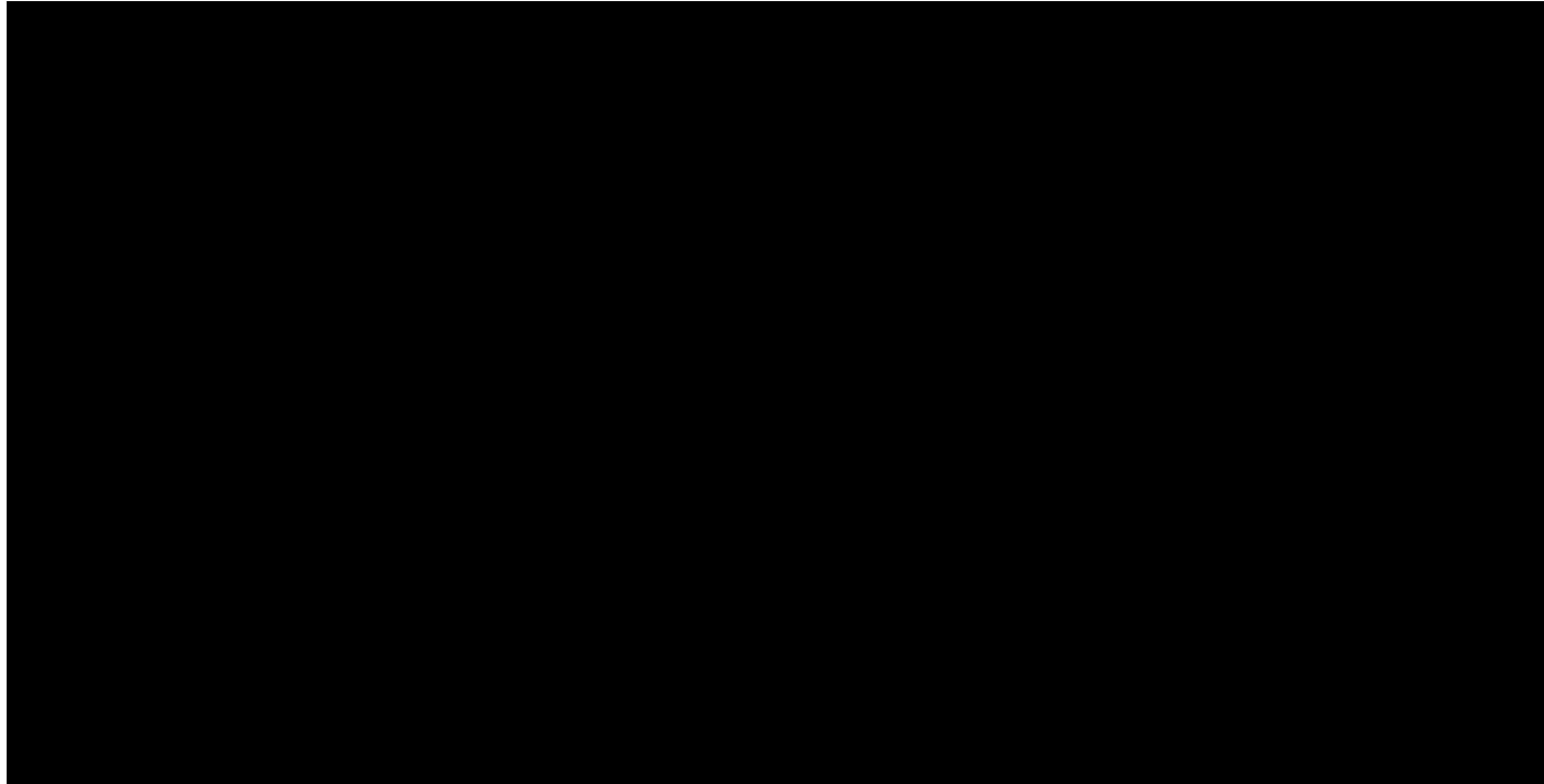
1次 发现进入人员

1次 发现进入船只

置信度: 60.00%

现设备: 七墩站旧塔视频#2

# Audio Monitoring Technology





## Question 2

**The Most  
Effective Way  
to Engage  
Local  
Communities**



East Asian-Australasian  
Flyway - Regional Flyway  
Initiative

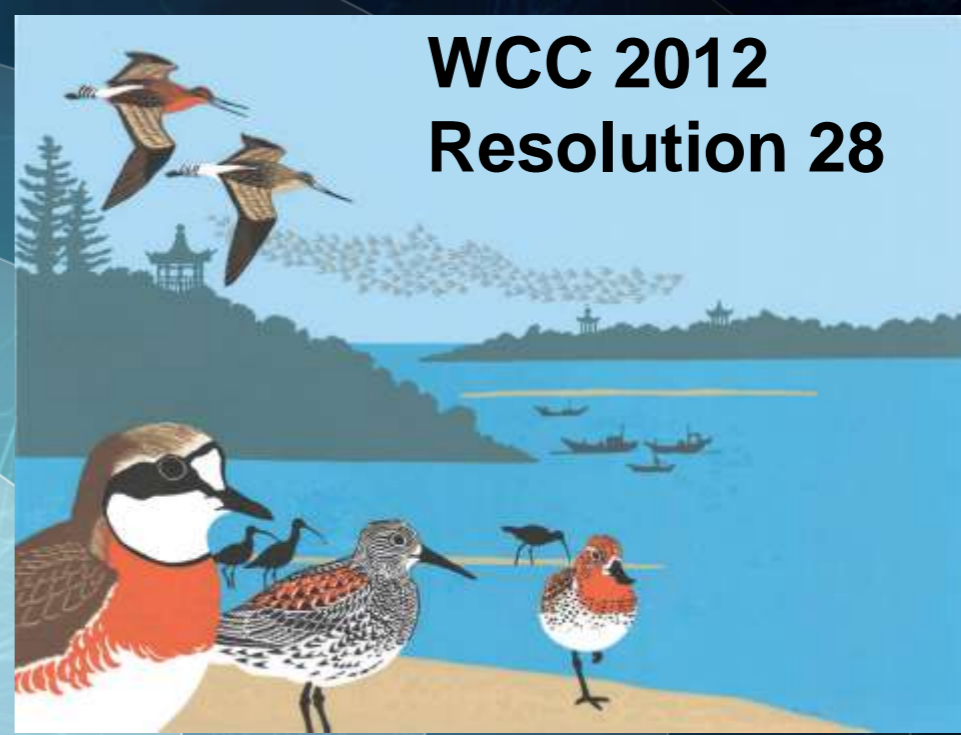
**World Heritage Town: Bird-watching, Natural medication, Full industrial and commercial service chain**



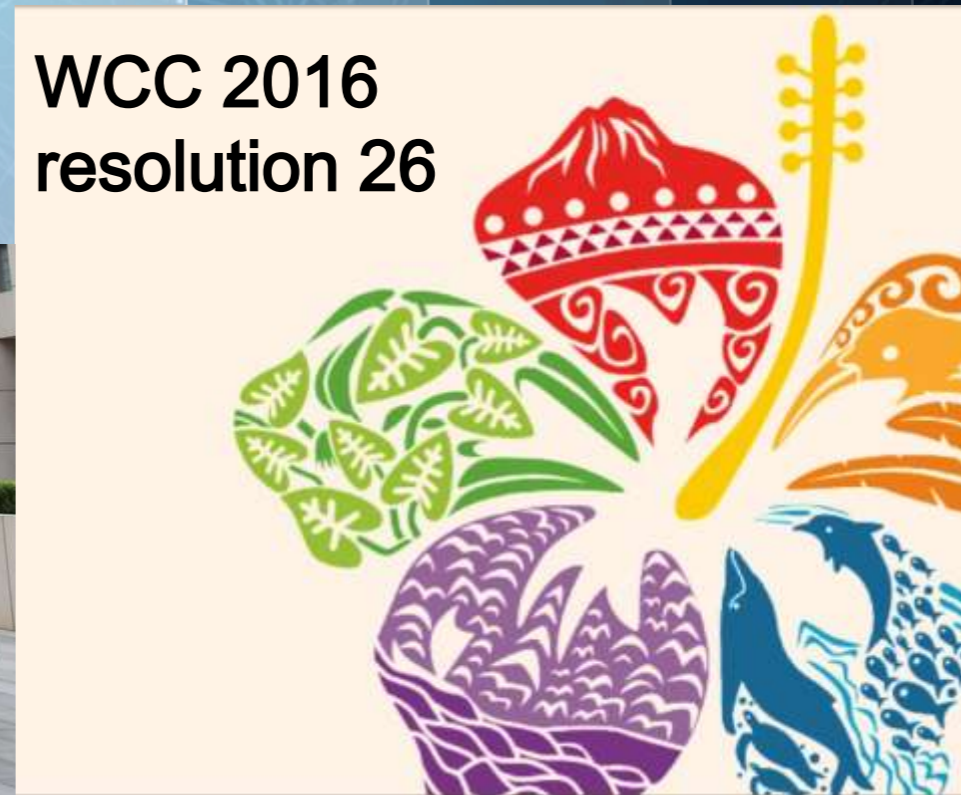


# Question 3: International Cooperation

Global Concern and  
international  
cooperation



WCC 2012  
Resolution 28



WCC 2016  
resolution 26



1060 Key Habitats

Governments



Intergovernmental organizations



International NGO



Private sector



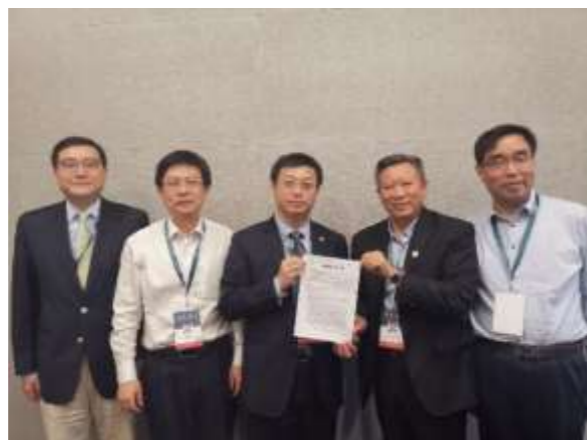
» 80  
Ramsar Sites

» 150  
Network Protected Areas

# World Heritage Nomination

## Phase I (2019)

## Phase II (2024)





## **Question 4 Impact of energy and agriculture & how to mitigate**

**Habitat Loss**

**Disturbance & Behavior change**

**Collision**

**Resources**

## Question 5: Agriculture Practices



**Co-management**

**Eco-compensation**

**Waterbirds Based Ecotourism**

# Methodology Challenges in Assessing the Impact of Energy and Agriculture

**Habitat Loss**

**Disturbance & Behavior change**

**Collision**

**Resources**




# Gender-specific challenges

**How to increase Women' s participation:**

**Best practices:**

**Project design:**

A scenic landscape at sunrise or sunset. The sky is a vibrant orange and red, with a bright sun on the left. Several birds are flying in the upper right. In the foreground, there is a grassy field with a small, curved path leading to a small pond. In the background, there is a line of trees and a misty lake reflecting the sky.

谢谢!