

Improving disease notification to WOAAH: Asia-Pacific experience in supporting early threat warning (active search activity)

WOAH Regional Workshop for Focal Points of Communication in Asia and the Pacific
26 – 28 Nov 2024, Putrajaya, Malaysia

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World Organisation
for Animal Health
Founded in 1924

中华人民共和国农业农村部

Ministry of Agriculture and Rural Affairs of the People's Republic of China



From
the People of Japan

Ensuring Transparency - one of WOAAH's missions



One of WOAAH 's missions: to ensure transparency of the animal disease situation worldwide.

To meet this objective, WOAAH collects official notifications of animal diseases from its Members and disseminates the information to the international community.

WAHIS

WAHIS: World Animal Health Information System

WAHIS is the global animal health reference database of the World Organisation for Animal Health (WOAH). WAHIS data reflects the validated information since 2005 reported by the Veterinary Services from Member and non-Member Countries and Territories on terrestrial and aquatic Listed diseases in domestic animals and wildlife, as well as on emerging diseases and zoonoses.

WAHIS includes interactive mapping tools and dashboards to support data consultation, visualization and extraction of officially validated animal health data.

Latest animal disease events

Country/Territory	Disease - genotype/serotype/subtype	Date
Ukraine	African swine fever virus (Inf. with)	2024/06/12
Hong Kong	Lumpy skin disease virus (Inf. with)	2024/06/11
Moldova	African swine fever virus (Inf. with)	2024/06/11
South Africa	Rabies virus (Inf. with) RABV	2024/06/11

- **WAHIS**, a global database for official animal health information
- Maintains by WOAAH
- **Since 2005**, WAHIS tracks diseases for domestic animals, wildlife & zoonoses diseases.

Raising awareness through WAHIS

Notifications published on social media

 **World Organisation for Animal Health** ✓
@WOAH

#Bulgaria reported an outbreak of #AvianInfluenza in domestic birds. 373k birds were killed and disposed of and 60 have died as a result of infection. Consult the report: wahis.woah.org/#/in-review/60...

WAHIS NOTIFICATION



Avian influenza in Bulgaria

373,907 domestic birds killed and disposed of
Deaths of 60 domestic birds



Project background



Australian Government
**Department of Agriculture,
Fisheries and Forestry**

Title: Supporting early threat warning project for WOAHA 7th Strategic Plan funded by the Australian Department of Agriculture, Fisheries and Forestry (DAFF).

Aim: to promote transparency in disease reporting and sharing.

Objective: to strengthen WOAHA's early warning systems in Asia and the Pacific region through intelligence-gathering, active search activity (rumour tracking), and information sharing.

Target participants: WOAHA Members and territories in Asia and the Pacific region.

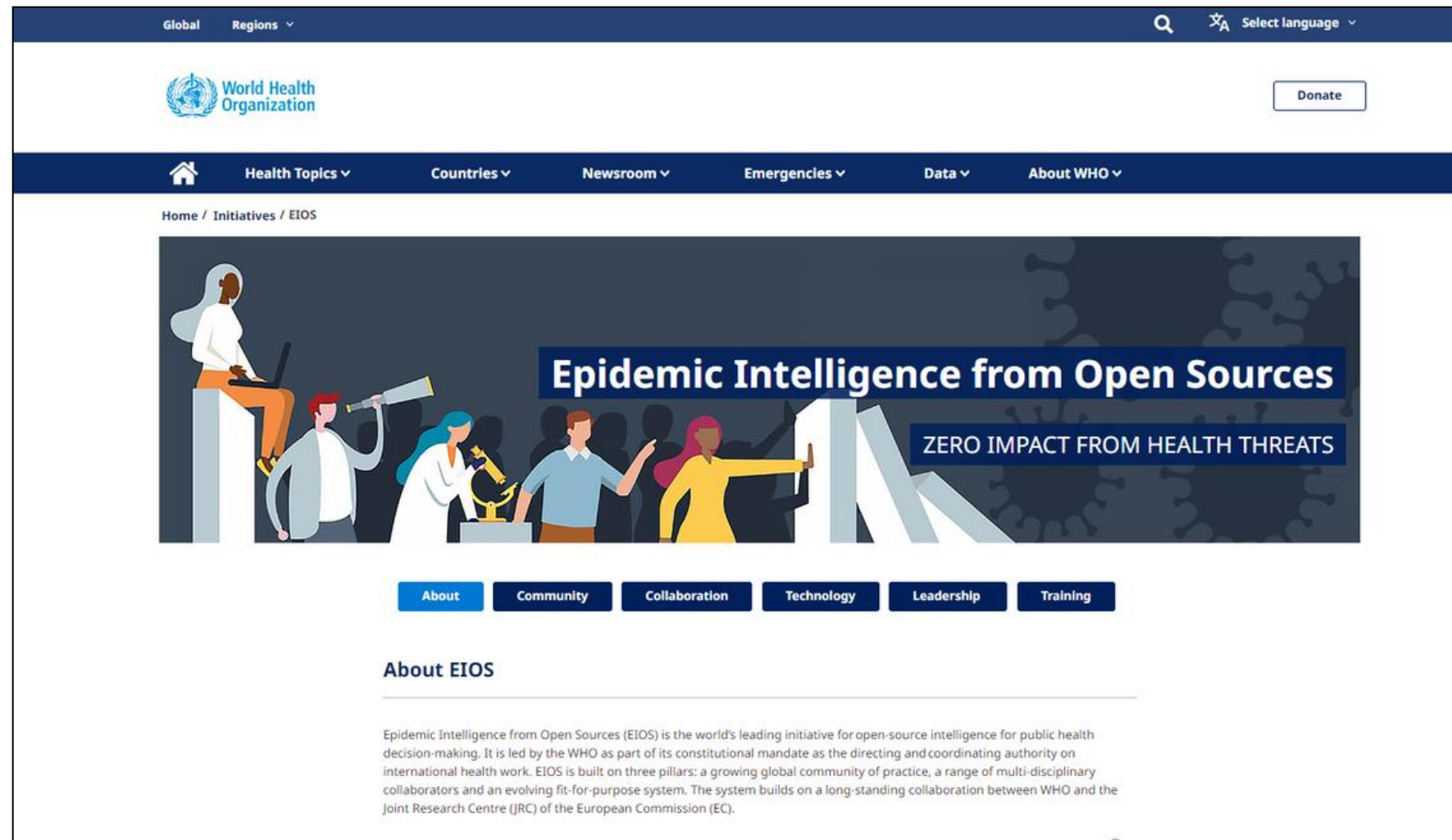
Components:

1. Intelligence gathering - gap analysis
2. consultancy Asia-Pacific rumour tracking
3. Development & implementation of a strategy – information sharing



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EIOS



- Early 2024, Asia-Pacific team tracks **rumors related to animal diseases** and creates weekly summaries of this information, **for internal dissemination within WOA.**
- Epidemic Intelligence from **Open Sources** (EIOS) - WHO's initiative uses open-source data to speed up detection and response to health emergencies.

<https://www.who.int/initiatives/eios>

EIOS



Daily screening of the web for all listed and emerging diseases

15,000 sources

500 disease categories

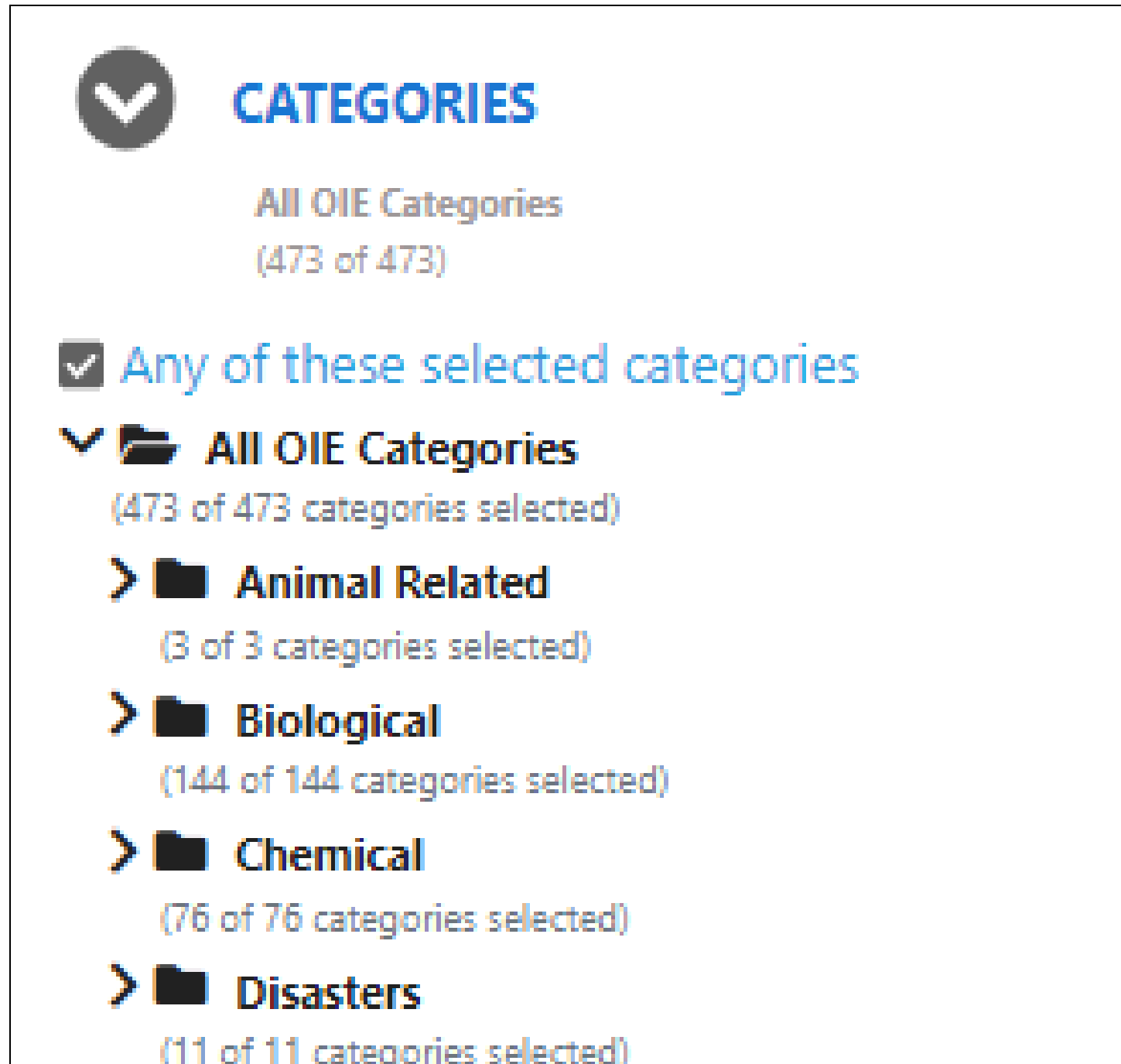
Local languages

100,000 – 150,000 news/year

Communication between WOA and its Members

The screenshot displays the EIOS monitoring interface. At the top, there is a navigation bar with options like 'Monitoring', 'Documents', 'Dashboards', 'Training', 'Communities and Teams', and 'Help and Feedback'. Below this, a 'Board: OIE_Diseases' is active, showing 119k total articles. A world map is the central feature, with numerous black circular markers indicating disease locations across various continents. Below the map, a list of news articles is displayed, including headlines such as 'Omicron infection induces cross-reactive immune responses', 'France - Min of Agr identifies 26 outbreaks avian flu virus in farms...', and 'Rip Bio (300119.SZ): Triple inactivated vaccines for chicken Newcastle disease...'. The interface also includes search filters, date ranges, and a 'Filter definition' button.

WOAH epidemic intelligence activity using EIOS



CATEGORIES

All OIE Categories
(473 of 473)

Any of these selected categories

All OIE Categories
(473 of 473 categories selected)

- Animal Related**
(3 of 3 categories selected)
- Biological**
(144 of 144 categories selected)
- Chemical**
(76 of 76 categories selected)
- Disasters**
(11 of 11 categories selected)

It allows specific research

WOAH epidemic intelligence activity using EIOS

Display stats and filter by **Import Date** ▾

Click/drag on the chart to zoom to a period or
Change Filter ▾

CATEGORIES

African swine fever, Brucellosis, Lumpy skin disease, Peste des petits ruminants
(4 of 714)

MENTIONED GEOGRAPHICAL AREAS

Countries, territories and areas: **Brunei Darussalam, Indonesia, Cambodia, Lao People's Democratic Republic, Myanmar, Malaysia, Philippines, Singapore, Thailand, Viet Nam**

Countries, territories and areas in Continent(s): **No filter**

Countries, territories and areas in WHO Region(s): **No filter**

?

Categories: African swine fever, Brucellosis, Lumpy skin disease, Peste des petits ruminants

Mentioned countries/territories: **Brunei Darussalam, Indonesia, Cambodia, Lao People's Democratic Republic, Myanmar ... +5.**

Filter definition

215 TOTAL ARTICLES

1 of 5

Any article ▾

Import Date ▾

nongnghiep 01:50 UTC Vietnamese	Vụ lợn dự án ở Gia Lai bị chết: Cấp lại lợn giống cho người dân	African swine fever	Viet Nam
philstar 24 Nov 16:36 UTC English	Meat imports nearing record high volume	African swine fever	Philippines
manilatimes 24 Nov 16:21 UTC English	Meat imports up 12.6% as of September	African swine fever, Avian influenza, Coronavirus	Philippines
bworldonline	Meat imports up 12.65% at end of September	Adverse Events	Australia, Brazil.

Expected impacts of the project

Improve the **trust** in
WAHIS data

Reduce **delays** in disease
sharing and reporting at
regional level

Improve WOAAH capacity
to monitor undetected
events at **regional** level

Improve **sensitivity** of
WAHIS system

Promote country/territory
responsiveness &
awareness of the
importance of reporting



How can you contribute to the success of this initiative?

To improve
detection &
reporting

- Support WOAAH in **enhancing local data sources and categories** in the EIOS
- Address and prioritise the **key gaps identified** in the project to enhance disease detection and reporting

To improve
communication

- **Become a leader** in advocating for the benefits of transparent disease reporting
- **Share examples** of both positive and negative consequences resulting from early detection, sharing, reporting of disease events
- **Enhance the speed and effectiveness** of communication with WOAAH regarding any clarification requests arising from rumour tracking activities

Learn more about the project


REGION: Asia and the Pacific English Login Main site Search

World Organisation for Animal Health Founded in 1924

Home > Regional Activities > Strengthening early threat warning in Asia and the Pacific

IMPROVEMENT OF WOAHP EPIDEMIC INTELLIGENCE IN THE REGION

Strengthening early threat warning in Asia and the Pacific



Improvement of WOAHP epidemic intelligence in the region

This project aims to enhance early detection of animal diseases in the Asia-Pacific region through transparent disease reporting. By fostering data sharing, refining data analysis, and strengthening communication, WOAHP seeks to empower its Members and

<https://rr-asia.woah.org/en/projects/strengthening-early-threat-warning-in-the-region/>

WOAH needs your support!

- **Sharing information for disease notification**
- **Supporting the WOAH initiative to enhance local sources and categories within the EIOS system**

Who to contact at WOAH

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Thank you



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