

## Biosecurity

means a set of management and physical measures designed to reduce the risk of introduction, establishment and spread of animal diseases, infections or infestations to, from and within an animal population. (WOAH Terrestrial Animal Health Code)

means a set of management and physical measures designed to mitigate the risk of introduction of pathogenic agents into, or spread within, or release from, aquatic animal populations. (Aquatic Animal Health Code)



Infectious diseases,  
including emerging  
zoonoses and vector-borne  
pathogens



Geological events:  
earthquakes, volcanoes and  
tsunami



Adverse weather and  
climatic events: storms,  
floods, fire and drought



Technological disasters and  
contamination of food and feed chains



Transport and maritime  
accidents, including oil spills

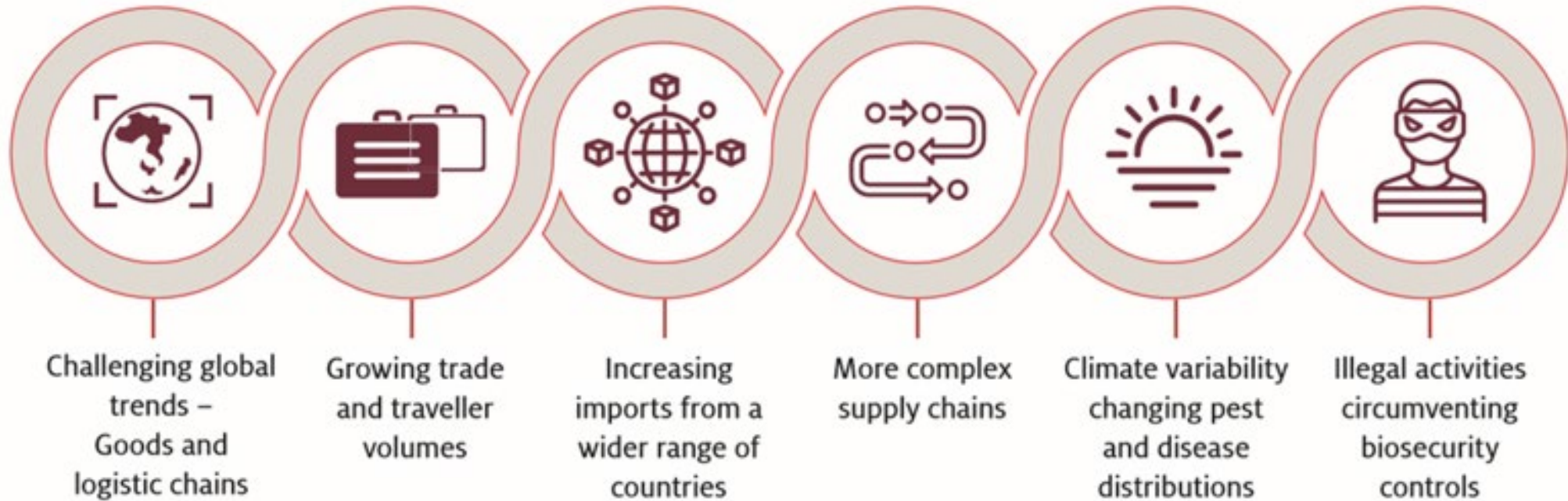


Agro-crime, agro-terrorism,  
cybersecurity, conflict, refugees

## A changing environment

### BIOSECURITY THREATS

MAINTAINING A STRONG BIOSECURITY SYSTEM IS INCREASINGLY CHALLENGING



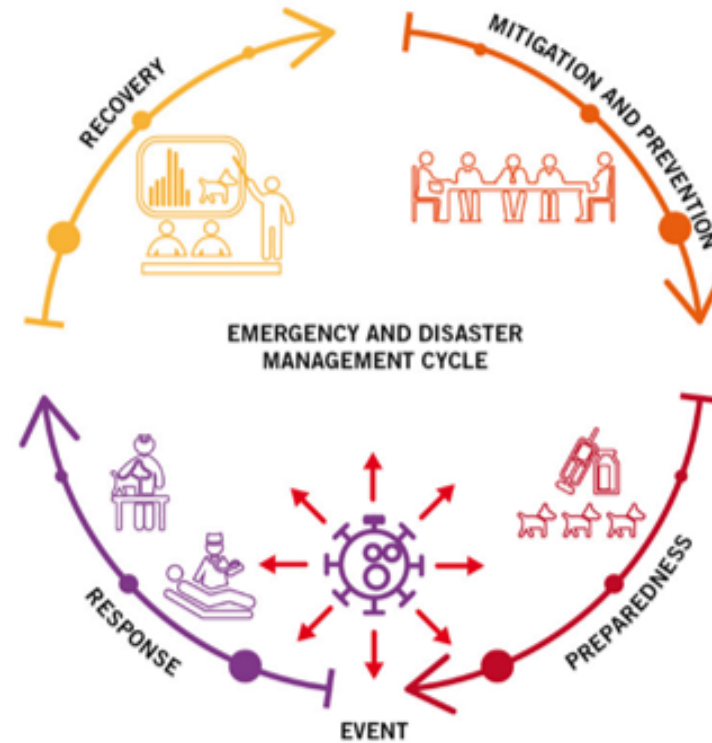


# Animal health emergencies

- What is an emergency?

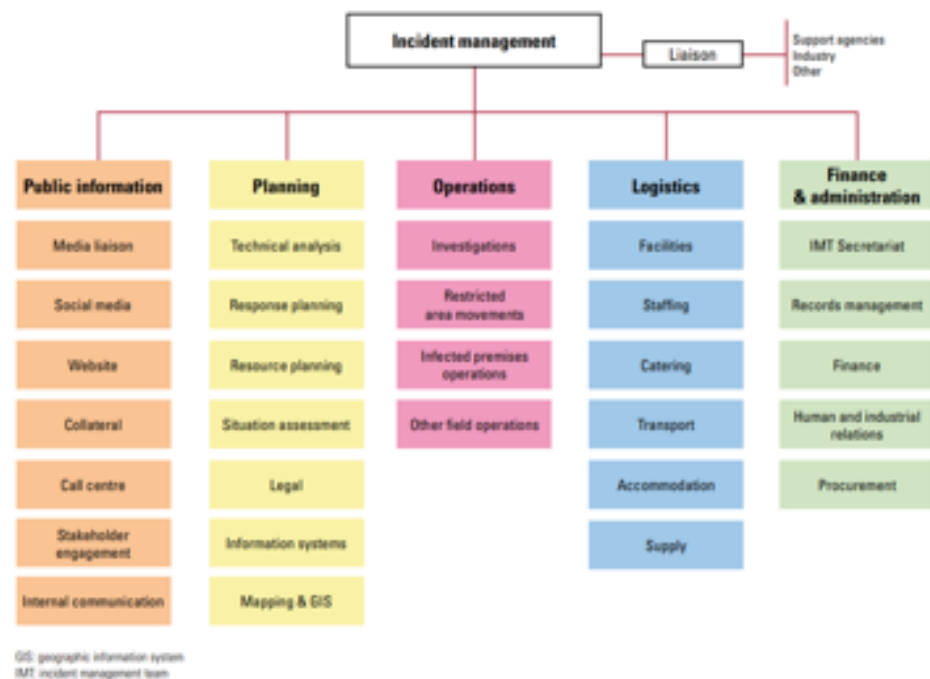
*'A serious, unexpected, and often dangerous situation requiring immediate action'*

- **Emergency management** is the organisation and management of roles and responsibilities, resources and capabilities and actions required across all phases of the emergency management cycle



# Incident Management Systems

- Structured, coordinated, organised responses to incidents
- Identified roles and responsibilities
- Set of policies, procedures and templates to help us respond
- Information management



*From: Callan. 2020. OIE Sci Tech Rev 39(2) pp 309-405*

# **GLOBAL CONFERENCE** **ON BIOLOGICAL THREAT** **REDUCTION**

**28–30 October 2025**  
**Geneva, Switzerland**

# Why a Global Conference

## **Why does it matter**

- In today's multi-threat landscape, the risk of unintended or deliberate misuse of animal pathogens is a growing concern.

## **What do we seek to achieve?**

- The collaboration between health and security stands as one of the promising solutions to mitigate such risks.





**Recognise the importance of animal health and the One Health approach in biological threat reduction**

**Support situational awareness and risk management with case studies and a global stocktake of biological threat reduction efforts**

**Facilitate access to resources, strengthen network connections and identify practical pathways for cross-sectoral collaboration**

**Secure commitments to strengthen cross-sector partnerships, dialogue and tangible action to tackle biological threats**



- Fictional movie on biological threats
  - Social media strategy
  - Marketing outreach strategy
  - Mis- and disinformation strategy
  - Media engagement strategy
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- Interviews of experts on site
  - Photography and filming the conference for a recap video