

Cambodia laboratory framework alignment with APSED III and IHR (2005)

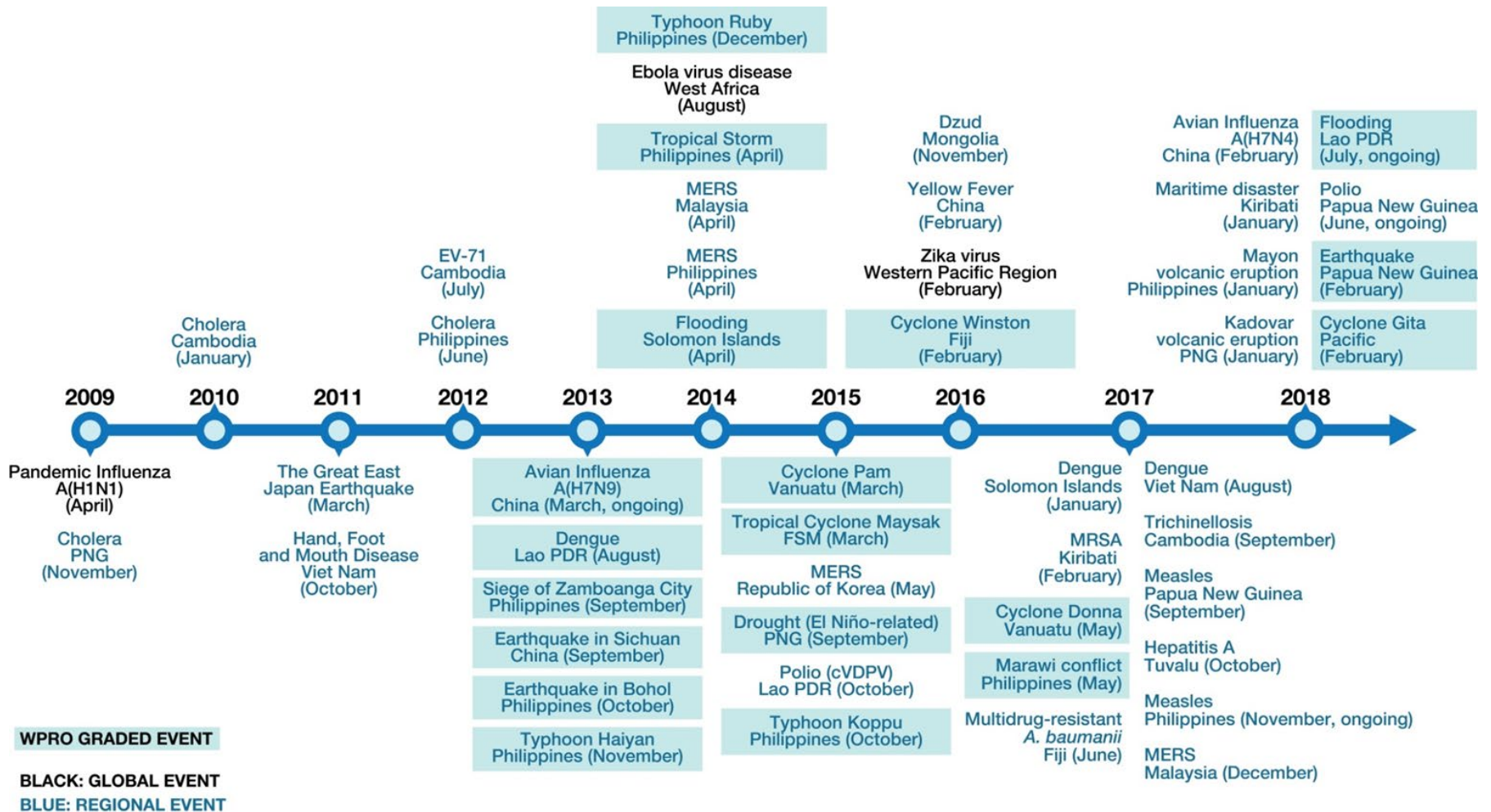
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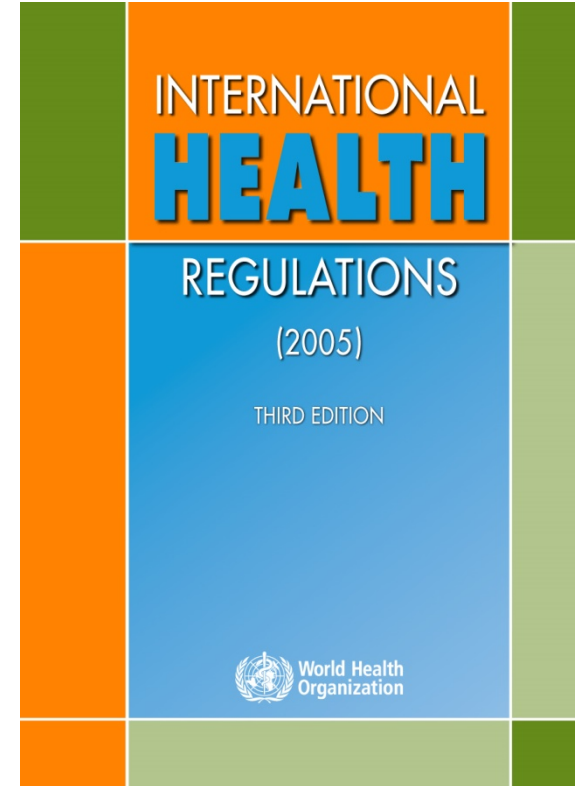


Western Pacific Region: outbreaks and emergencies



International Health Regulations (IHR) (2005)

- Globally-agreed legally binding framework for all countries to ensure global health security
- The IHR (2005) entered into force on 15 June 2007
- The joint commitment for **shared responsibilities** against disease spread, calling for:
 - **National core capacity requirements** for surveillance and response
 - **Regional and international alert and response systems**



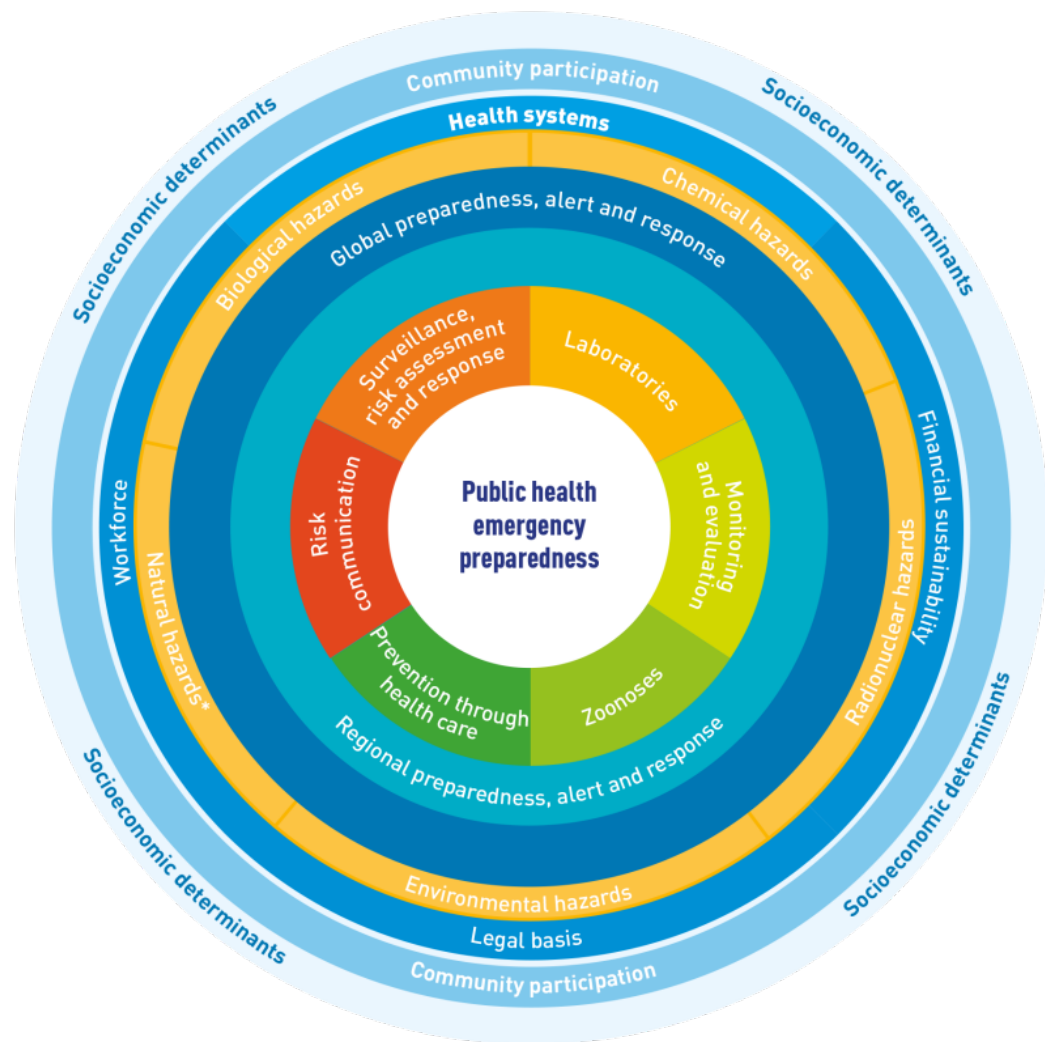
Regional Action Framework to Advance IHR (2005)

The Asia Pacific Strategy for Emerging Diseases and Public Health Emergencies (APSED III)

- A framework for action in Asia Pacific to **advance implementation of IHR** for health security
- A common framework to prepare for and respond to all emerging diseases and public health emergencies
- Developed in 2005, updated in 2010 and 2016
- Guide development, update, and implementation of **national action plans**



The APSED approach



- **STRENGTHEN the core** – continuing investment in 8 focus areas for health security
- **POSITION in new context** – strengthening stakeholders' platform and fostering partnership
- **BUILD resilience** – anchoring health security towards a resilient health system
- **PROTECT health and well-being** – contributing to universal health coverage (UHC) and sustainable development goals (SDGs)

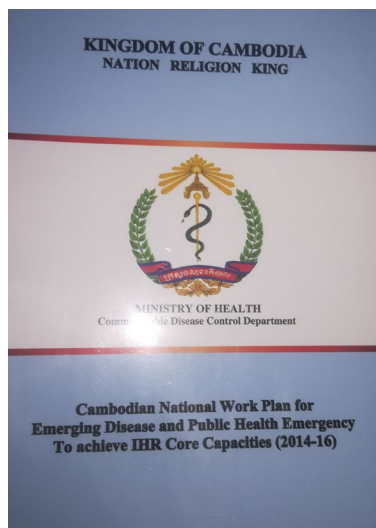
APSED II focus areas



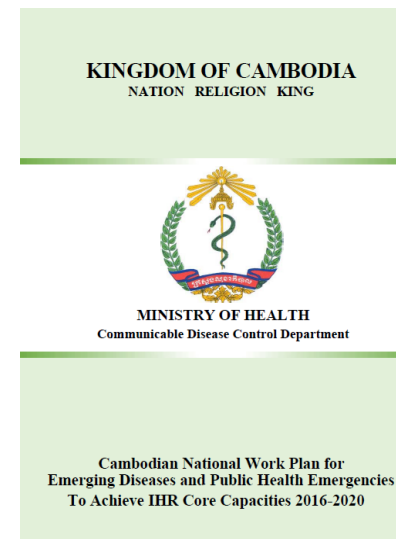
APSED III Focus Areas (FA)

1. Public Health Emergency Preparedness
2. Surveillance, Risk Assessment and Response
3. Laboratory
4. Zoonosis
5. Prevention through healthcare
6. Risk Communication
7. Regional Alert, Preparedness, and Response
8. Monitoring and Evaluation

National action plan



**Joint External
Evaluation
(JEE)
2016**



Annual stakeholder meeting for IHR review and
coordinated implementation plans

Joint External Evaluation tool

Prevent

1. National Legislation, Policy and Financing
2. IHR Coordination, Communication and Advocacy
3. Anti-microbial Resistance (AMR)
4. Zoonotic Disease
5. Food Safety
6. Biosafety and Biosecurity
7. Immunization

Detect

1. National laboratory system
2. Real time surveillance
3. Reporting Workforce

Respond

1. Emergency Preparedness
2. Emergency Response Operation
3. Linking Public Health and Security Authorities
4. Medical Countermeasures and Personnel Deployment
5. Risk Communication

Other IHR-related hazards and points of entry (PoE)

1. PoE
2. Chemical events
3. Radiation Emergencies

TECHNICAL FRAMEWORK IN SUPPORT TO IHR (2005) MONITORING AND EVALUATION

JOINT EXTERNAL EVALUATION TOOL

SECOND EDITION - January 2018

INTERNATIONAL HEALTH REGULATIONS (2005)



JEE Evaluation Findings

Indicators with scores

National laboratory system	D.1.1 Laboratory testing for detection of priority diseases	4
	D.1.2 Specimen referral and transport system	2
	D.1.3 Effective modern point-of-care and laboratory-based diagnostics	2
	D.1.4 Laboratory quality system	2

Priorities

- Invest in strengthening and maintaining laboratory fundamentals and laboratory quality management systems.
- Develop a mechanism for standardized procurement of equipment and supplies.
- Describe and test functionality of the specimen referral and transport system, and provide corrective actions.

JEE Evaluation Findings

Indicators with scores

Biosafety and biosecurity	P.6.1 Whole-of-government biosafety and biosecurity system is in place for human, animal and agriculture facilities	2
	P.6.2 Biosafety and biosecurity training and practices	2

Priorities

- Develop and keep up-to-date a complete inventory of dangerous pathogens stored at facilities.
- Improve facilities to ensure physical containment of dangerous pathogens.
- Develop and roll out a national training curriculum for biosafety and biosecurity.
- Invest in maintenance and servicing of biosafety cabinets, including through training of staff locally.

Major achievements

- **National Policy Laboratory for Medical Laboratory Services**
- **National strategy for Medical Laboratory Services 2015-2020**
- **National Medical Laboratory Biosafety Guidelines**
- **National Biosafety and Biosecurity Prakas**
- **National Biosafety Curriculum**
- **National standard operating procedure for specimen packaging and transportation**
- **Cambodia Laboratory Information System**
- **Cambodia Laboratory Quality Management System Checklist**
- **National laboratory procurement system**



Acknowledgements

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National and provincial laboratories in Cambodia

Thank you!

