SEAOHUN and Its Role in the Region

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Timeline

Major infectious threats in the 21st Century & collaboration mechanisms to fight against them

- **2000**: SARS
- **2005**: H5N1
- **2009**: H1N1
- **2012**: MERS-CoV
- **2014**: Ebola (West Africa)
- **2015**: Zika
- **2016**: Yellow fever (Central Africa, Brazil)
- **2018**: Cholera (Yemen)
- **2019**: Plague (Madagascar)

**International Health Regulations (2005)** or IHR (2005) are an international law which helps countries work together to save lives and livelihoods caused by the international spread of diseases and other health risks. The IHR (2005) aim to prevent, protect against, control and respond to the international spread of disease while avoiding unnecessary interference with international traffic and trade.

**The Pandemic Influenza Preparedness (PIP) Framework** brings together Member States, Industry, other stakeholders and WHO to implement a global approach to pandemic influenza preparedness and response. Its key goals include:
- To improve and strengthen the sharing of influenza viruses with human pandemic potential;
- To increase the access of developing countries to vaccines and other pandemic related supplies.

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**Legend**
- Epidemic
- Pandemic
HUMAN RESOURCES
Lessons learned: Health security financing system in Vietnam

“Workforce development is fundamental for ensuring a sustainable and effective health security system.

Invest in human resource!!!!!!”
SEA – O – HUN
A consortium of universities that are collaborating to build One Health capacity and academic partnerships with government, national and regional stakeholders in the Southeast Asian region.

Established in 2011

IN 2018, 67 UNIVERSITIES, 120 SCHOOLS/FACULTIES

Conduct OH activities in Cambodia, Myanmar, and Lao PDR but with no formal network.
One Health Workforce Project

Improve One Health workforce capacity with cross-sectoral competencies to prevent, detect and respond to infectious disease threats efficiently and effectively

Future Workforce
Pre-Service Students

Current Workforce
In-Service Professionals

Faculty/ Institutions
Faculty Members & Institutions

Source: OHW
Who we are
What we do
Where we are going
ONE HEALTH MODULES

SEAOHUN’s One Health Modules

The seven technical modules are:
- One Health Concepts and Knowledge
- Fundamentals of Infectious Disease
- Infectious Disease Management
- Epidemiology and Risk Analysis
- Fundamentals of Public Health
- Ecosystem Health
- Behavior Change

The seven core competency modules are:
- Collaboration and Partnership
- Communication and Informatics
- Culture, Beliefs, Values and Ethics
- Leadership
- Management
- Policy, Advocacy and Regulation
- Systems Thinking
Technical Competency

Should not be the only primary focus

Core Competency

Communication, Coordination, Collaboration
Sharing information/resources
Building next generation leaders
Research conducted by Harvard University, the Carnegie Foundation and Stanford Research Center, has all concluded that **85% of job success comes from having well-developed soft skills and people skills**, and only **15%** of job success comes from technical skills and knowledge (hard skills).
HOW DO WE TEACH SOFT SKILLS?
OH WORKFORCE IN CAMBODIA
OH WORKFORCE IN CAMBODIA
OH WORKFORCE IN CAMBODIA
OH WORKFORCE IN CAMBODIA
OH WORKFORCE IN MYANMAR
Apply learner-centered activities when teaching One Health

- Case Studies
- Experiments
- Field observations and experiences
- Games
- Group projects
- Peer teaching
- Photo essays and videos
- Problem-based learning exercises
- Role plays and simulations
- Self-assessments
All genuine learning is active, not passive. It involves the use of the mind, not just the memory. It is a process of discovery, in which the student is the main agent, not the teacher.

— Mortimer Adler
2018 Hosts
• FAO-RAP
• OIE SRR-SEA
• PREDICT-2 Indonesia
• CIRAD
• ILRI
• Thai CUOH
• WCS/PREDICT-2 Vietnam
• CU VET AMR
39 scholarships for students from Indonesia, Malaysia, Vietnam, Bangladesh, Cambodia, and Myanmar to undertake One Health-related Master’s Degree programs from academic years 2016 - 2017 to 2018 - 2019
Who we are
What we do
Where we are going
EXPANSION

- Increase South to South Cooperation
- Regional activities
SUSTAINABILITY
POTENTIAL PARTNERS

Health Security Financing

ASEAN Health Cluster 2:
Responding to All Hazards and Emerging Threats
PRIVATE SECTOR ENGAGEMENT
“Networks of individuals or organizations that aim to solve a difficult problem in the society by working together, adapting over time, and generating a sustained flow of activities and impacts.”

Source: Connecting to Change the World: Harnessing the Power of Networks for Social Impact by Peter Plastrik, Madeleine Taylor, and John Cleveland
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