



Overview of the South East Asia One Health University Network

Dr. Phuc Pham Duc, Coordinator, VOHUN National Coordinating Office,
Hanoi School of Public Health, Hanoi, Vietnam,

South East Asia One Health University Network

SEAOHUN

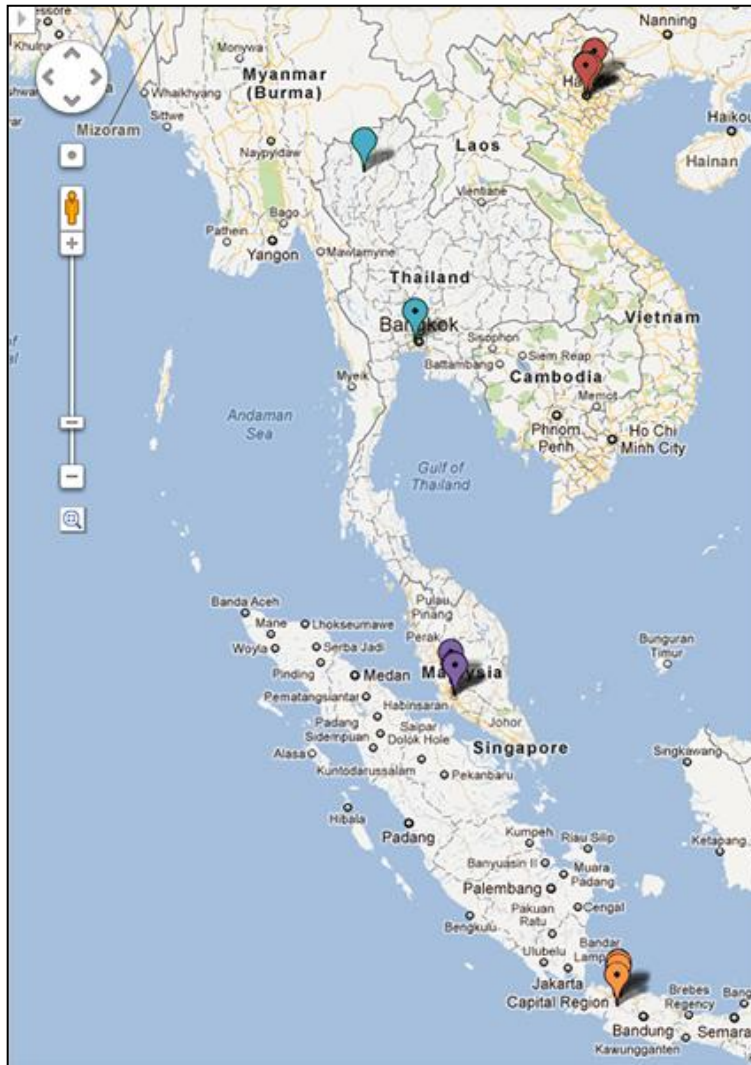
Overview of SEAOHUN



- SEAOHUN (South East Asia One Health University Network) was established in Dec 2011, initially with 10 universities from four countries, Indonesia, Malaysia, Thailand and Vietnam
- Indonesia currently holds the Chair of SEAOHUN
- The Chairman of the Executive Board is Professor Ali Ghufron Mukti, ex-Dean, Faculty of Medicine, Gadjah Mada University, Vice-Minister of Health, Government of Indonesia
- The Chair of SEAOHUN passes to Malaysia in December 2013, Thailand in 2015 and Vietnam in 2017
- The SEAOHUN Secretariat is being established in Bangkok

SEAOHUN was founded in order to promote the philosophy of One Health by embedding the spirit of working together to respond to new and emerging diseases at an early age – among university students!

SEAOHUN Core Universities



-  Hanoi School of Public Health
-  Hanoi Medical University
-  Hanoi University of Agriculture
-  Chiang Mai University
-  Mahidol University
-  Universiti Kebangsaan Malaysia
-  Universiti Putra Malaysia
-  Institut Pertanian Bogor
-  Universitas Indonesia
-  Universitas Gadjah Mada

Vision

A South East Asia One Health University Network fostering sustainable trans-disciplinary capacity building to respond to emerging and re-emerging infectious and zoonotic diseases

Mission

To leverage the training, education, and research capacities of the university network to build the skills, knowledge and attitude base for One Health leaders

SEAOHUN Objectives



Objective 1 – To build cadres of trained professionals to be One Health and future leaders

Objective 2 – To improve the competencies of One Health professionals

Objective 3 – To build a One Health evidence base through research activity

Objective 4 – To promote and advance the One Health approach for control of emerging and re-emerging infectious and zoonotic diseases

Overview of SEAOHUN



- A SEAOHUN Work Plan was approved in Feb 2012
- Several activities have been supported to date, both regionally and nationally
- The main focus of the first year was on –
 - ✧ Development of nationally and regionally-relevant Core Competencies for OH leaders
 - ✧ Development of content for a generic One Health course to be applied strategically in regional faculties

- Country-level workshops held in July 2012 to develop nationally-relevant One Health Core Competencies
- A regional workshop was held in October 2012 to share experiences and harmonize the national-level outputs into a set of regionally-relevant core competencies (see following table)
- Further country-level Faculty Development workshops are being held to utilize the competencies to develop curriculum content, learning aims and objectives, case studies, research proposals and novel teaching and learning methodologies

OH Health Competency Domains for SEAOHUN: Country and Regional Results



OHCC Regional Domains by Country July 2012 Workshop Results				SEAOHUN Regional Domains October 2012
Malaysia	Indonesia	Thailand	Vietnam	
Management	Management	Planning and Management	Planning and Management	Management
Communication	Communication	Communication and Informatics	Communication and Informatics	Communication and Informatics
Culture and Belief	Culture and Belief	Culture and Ethics	Culture and Beliefs	Culture and Beliefs
Leadership and Professionalism	Leadership and Professionalism	Leadership	Leadership	Leadership
Collaboration and Partnership	Collaboration	Collaboration and Partnership	Collaboration and Partnership	Collaboration and Partnership
Ethics	Values and Ethics		Values and Ethics	Values and Ethics
Systems Thinking	Systems Thinking	Systems Thinking	Systems Thinking	Systems Thinking
		One Health Knowledge	Policy, Regulation and Advocacy	

What are the expected outcomes of the CC project?



The Core Competencies collectively identified are being used to work closely with universities and governments in the region to **map** and identify current gaps in curricula, to discuss opportunities to fill those gaps, and to develop acceptable strategies to produce the future OH leaders for **governments, universities and communities**

– individuals with the skills to effectively and efficiently work together to protect human, animal, and environmental health

“a new graduate species!”

National One Health university networks



- ▶ Each of the four countries has also established a National Network (**INDOHUN, MyOHUN, THOHUN, VOHUN**) to share and disseminate the benefits of the regional network – SEAOHUN
- ▶ These involve multiple faculties within each country who are involved in educating professionals in the skills required to support the One Health approach
- ▶ National Coordinating Offices are being established in regional faculties (**VOHUN – Hanoi School of Public Health; THOHUN – Mahidol University, Faculty of Tropical Medicine; MyOHUN – Universiti Putra Malaysia, Faculty of Veterinary Medicine; INDOHUN – University of Indonesia, Faculty of Public Health**)

VOHUN - 17 Universities and 18 Faculties

Bac Giang Agriculture
and Forestry University

- Thai Nguyen University of Medicine & Pharmacy
- Thai Nguyen University of Agriculture & Forestry

Hanoi (Network Secretariat):

- Hanoi School of Public Health
- Hanoi Medical University
- Hanoi University of Agriculture

Hai Phong Medical
University

Thai Binh University
of Medicine

- Hue University of Medicine & Pharmacy
- Hue University of Agriculture & Forestry

Nam Dinh University
of Nursing

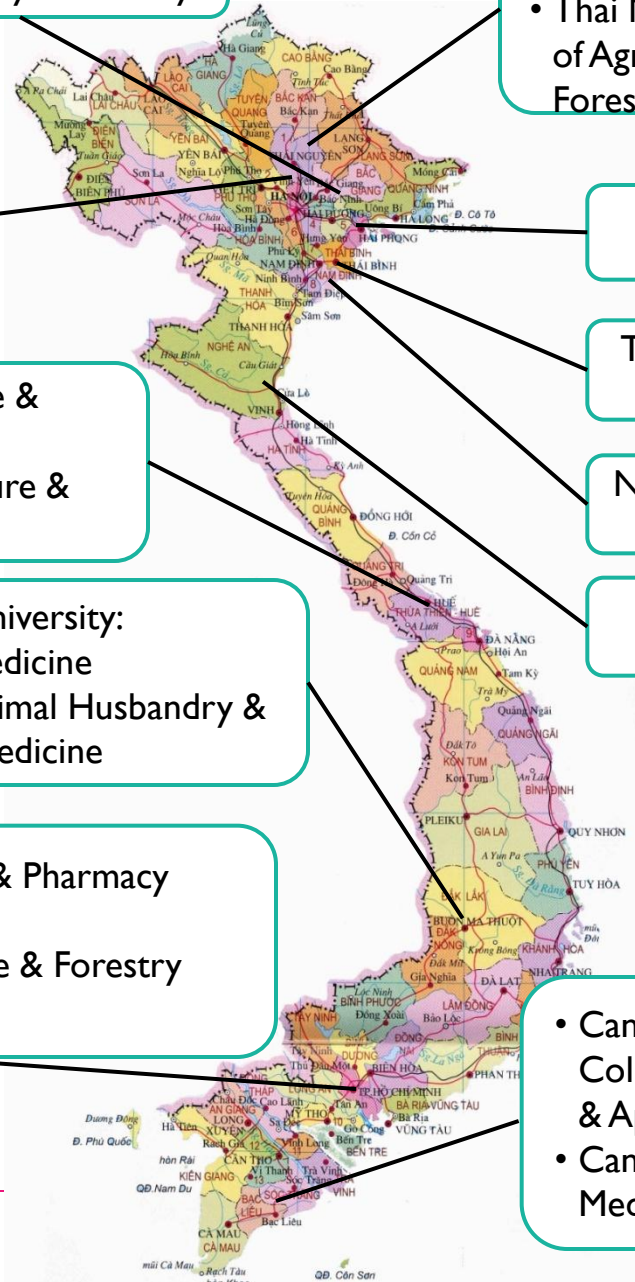
Vinh Medical
University

Tay Nguyen University:

- Faculty of Medicine
- Faculty of Animal Husbandry & Veterinary Medicine

- Hochiminh City Medicine & Pharmacy University
- Hochiminh City Agriculture & Forestry University

- Can Tho University:
College of Agriculture
& Applied Biology
- Can Tho University of
Medicine & Pharmacy



Planned National and Regional Level Activities to June 2014



- Three groups of activities are planned for SEAOHUN in 2013-2014
 - Regional activities benefitting the Network as a whole (e.g. the current wildlife health assessment forum)
 - Country-level core activities (curriculum mapping, One Health course development and integration into curricula)
 - Country-level activities proposed by National Network members (~8-10/country)

National Level Activities proposed by VOHUN



No	Proposal Title	Proposer
1	Human-Animal-Environment transmission and risk factors of leptospirosis in Thanh Hoa	HSPH
2	Development of University-Government partnership for in-service training with FETP and AVET	HSPH
3	Training course One Health Anthrax	HSPH
4	One Health Workshop in Southwest Viet Nam	Can Tho
5	Revise Curriculum of training for Doctor of Veterinary Medicine in Vietnam; workshop + zoonoses module development	HUA
6	Strengthening teaching and research capacity of One Health in Vietnam;	HMU
7	Strengthening capacity of health and veterinary professionals, teachers, students of medical faculties for prevention and control of animal to human transmissible diseases (rabies and avian flu H5N1/H7N9) in 5 Northern provinces of Vietnam.	Thai Binh
8	Dog demography, transmission dynamics and economics of rabies control in dogs and humans in Tuyen Quang, Vietnam	HSPH
9	Joint quantitative research on Streptococcus suis epidemiology, prevention and control in northern Vietnam	HSPH, HUA
10	Wildlife Investigation in Livestock Disease and Public Health (WILD) - Introductory Training course in One Health; 1-2w in mid 2013 in HCMC	HUA
11	A Multi-Agency Working on Reducing Zoonoses Risk in Nam Dinh, Vietnam	Nam Dinh

What is the future of SEAOHUN?



Challenges that need to be addressed for SEAOHUN and National Networks in 2014



- Sustainability
- Coordination
- Strengthening
- Expansion

The Final Word!!

