

One Health - One Move

Breaking Barriers for a Coordinated Implementation

Executive summary

The concept of One Health developed in the early 2000 aims to promote a multidisciplinary and global approach to health issues. Living organisms and ecosystems are interconnected and the health of one depends on that of the other. “One Health” takes these complex links into account in a global approach to health issues. This includes the health of animals, plants and humans, as well as environmental disturbances generated by human activity. A large part of human infectious diseases, 70%, are known for coming from the wild, i.e., from animals. Older purely human infectious diseases were also coming from animals but the animal host has been lost since long. Humans are also transmitting pathogens to animals as shown by SARS-CoV-2. Human activities play a major role in the spread of these animal or human infectious diseases. The increase in the world population and that of domestic animals as well as the intensification of transport have thus facilitated the spread of pathogens. At the same time, global environmental degradation, deforestation and urban growth have increased contact between wild animals, livestock and humans, aiding the transmission of diseases. Finally, ongoing climate change is one of the indicators of lasting environmental degradation and favors, for example, the adaptation of animal vectors of pathogens to new geographical areas. Thus, vector-borne diseases have a growing economic or public health impact. They are at the origin of the emergence of new pathogens in Europe, such as the bluetongue virus which affects ruminants, or the 30-fold increase in human cases of dengue fever in different regions of the world.

The challenge of the One Health approach is to promote collaboration between public, animal, plant and environmental health stakeholders. It also makes it possible to combine the human and social sciences, particularly economics, in order to address issues in an interdisciplinary manner, taking into account human activities. Awareness of the close links between human health, that of animals and the overall ecological state and of the need to decompartmentalize health approaches led to a tripartite agreement signed in 2010 between the World Health Organization (WHO) , the World Organization for Animal Health (WOAH) and the Food and Agriculture Organization of the United Nations (FAO). They declared that we should achieve “a world capable of preventing, detecting, containing, eliminating and responding to risks to animal and human health attributable to zoonoses and animal diseases that impact food safety”. It is necessary to identify risks in advance, to prevent and limit them, and to anticipate emergencies in order to better prepare ourselves for future health crises, including pandemic crises. This objective of anticipation and alert requires identification of all partners (researchers, decision-makers and field actors involved in monitoring and alert), the definition of objectives, then the establishment of organizational milestones and decision-making. This approach can only be realized in an integrated and intersectoral manner (human health and animal health but also environment) through a strategy: One Health. The example of the COVID-19 pandemic crisis showed that the study and understanding of emergencies in general require a detailed analysis of the interdependence of these sectors, with a transdisciplinary vision. This requires both producing knowledge upstream allowing to understand the mechanisms of transmission and adaptation of a zoonotic pathogen to humans, and to develop or improve downstream surveillance and early detection tools. The consideration by public policies of issues linked to interactions between health and biodiversity is recent.

This discourse is now present at all levels but beyond the discourse, what concrete actions have actually been undertaken? The implementation of One Health requires coordination, interoperability, standardized international regulations, global management, education, etc. It is the objective of this webinar to address this issue of implementation and governance of One Health within the ASEAN region and worldwide.

**One Health - One Move
Breaking Barriers for a Coordinated Implementation**

Online International Webinar

French Embassy in Indonesia and Timor Leste - National Agency for Research and Innovation (BRIN) – Indonesian Epidemiological Association (PAEI) - University of Montpellier - Mahidol University - World Federation of Public Health Associations

"One Health - One Move: Breaking Barriers for a Coordinated Implementation" is a two-day international webinar symposium, particularly focused on the ASEAN region and on the effective and coordinated implementation of the One Health concept. The symposium will not present the already known One Health concept itself. It will explore the synergies and strategies for its coordinated implementation and integration in society among the co-host countries and in the ASEAN region, but also outside ASEAN in Asia and around the world.

From a thematic point of view, three topics will be explored:

1. One Health programs in Asia
2. Interoperability, interoperationality and social integration
3. Coordinated international implementation

In addition to universities and research institutes, national and international institutions such as BRIN, PAEI, AFD, WHO, FAO, WFPHA, SEAMEO, ASEAN, UNODC, World Bank, Global Fund, etc. are invited to present their strategies and discuss together.

The planned outreach comes by media invited, institutional communication, regional networks, and the drafting of a strategic collective article on the coordinated implementation of the One Health concept. This article is intended for a major journal such as Nature or The Lancet, which have a significant influence at the level of Ministries and International Agencies.

A final expected impact is the association with the One Health Working Group of the World Federation of Public Health Associations (WFPHA), which aims to produce technical guidelines for implementing the One Health approach.

Program

November 12, 2024

Opening session

08h00 (Jakarta time)

Welcome addresses

Master of Ceremony

Prof. NLP Indi Dharmajanti

Head of Research Organization of Health, BRIN



Prof. NLP Indi Dharmajanti

Head of Research Organization of Health, BRIN



Dr. Hariadi Wibisono

Director PAEI



Prof. Artit Ungkanont
Dean, Faculty of Medicine-Ramathibodi Hospital
Mahidol University



Dr. Thierry Goubier
Attaché for Scientific Cooperation
French Embassy in Indonesia and Timor Leste



Dr. Laurent Gavotte
University of Montpellier



Dr. Masdalina Pane
BRIN
Cibinong



Prof. Xiao-Nong Zhou
NIPD
WFPHA
Shanghai, China



Online group picture

Break (15 min)

Keynote addresses

Moderator

Dr. Laurent Gavotte

University of Montpellier



09h00

Prof. Xiao-Nong Zhou

Chief Scientist on Parasitic Diseases Control
Chinese Center for Disease Control and Prevention
Chair of the One Health Working Group
of the World Federation of Public Health Associations
Shanghai, China



Title: A global perspective of One Health and its governance

09h 40

Dr. Hariadi Wibisono

Indonesian Epidemiological Association (PAEI)
Director



Title: PAEI: leading the fight against zoonotic diseases through One Health

10h20

Dr. Soawapak Hinjoy
Ministry of Public Health
Bangkok, Thailand



Title: One Health practices in Thailand

11h00

Representative from ASEAN
Jakarta, Indonesia (To be confirmed)

Title: One Health management in the ASEAN

12h00

Lunch break (1 hour)

Session One: One Health programs in Asia

Moderator
Dr. Mugi Wahidin
BRIN



13h00

Prof. Theeraphap Chareonviriyaphap
Kasetsart University
Bangkok, Thailand



Title: Non-human primate and human malaria: One Health and a control perspective

13h20

Prof Roger Frutos

CIRAD/Montpellier University of Excellence/Mahidol University



Title: Animal/human interface: a key issue for One Health managements

13h40

Prof. Tri Wibawa

Universitas Gadjah Mada
Yogyakarta, Indonesia



Title: The Global Health Consortium Indonesia and One Health program at UGM

14h00

Prof. Issam Bennis

Mohammed VI University of Sciences and Health
Casablanca, Morocco



Title: One Health university programs in Morocco compared to other North African countries

14h20

Mrs. Jenna Dawson-Faber

United Nations Office on Drugs and Crime (UNODC)
Hanoi, Vietnam



Title: Reducing the risk of the next pandemic and addressing illegal wildlife trade: introduction to the SAFE project

14h40

Prof. Ira Nurmala

Universitas Airlangga
Surabaya, Indonesia



Title: Sociology, health promotion and One Health

Break (15 min)

15h20

Dr. Somphou Sayason

Laos Tropical and Public Health Institute
Ministry of Health
Vientiane, Lao PDR



Title: Implementation of One health in Laos to control schistosomiasis

15h40

Prof Padet Siriyasatien

Chulalongkorn University
Bangkok, Thailand



Title: Integrating One Health Approach to Control Leishmaniasis in Thailand: Vector, Human, and Animal Health Perspectives

16h00

Dr. Qiuping Chen

Xiamen University
Xiamen, China



Title: The One health strategy at Xiamen University

16h20

Prof. Kumthorn Malatham

Mahidol University
Bangkok, Thailand



Title: Managing antimicrobial resistance through One health approach

16h40

Dr. Frédéric Keck

CNRS, Collège de France
Paris, France



Title: The anthropological dimension of One Health and emerging diseases

17h00

Ministry of Health Timor Leste (To be confirmed)

Dili, Timor Leste

Title: One Health programs in Timor Leste

17h20

Dr. Anne-Laure Banuls

IRD
Montpellier, France



Title: The PREZODE initiative

17h40

Round table/interaction with the public (3/4 hour)

18h30

Closing of day 1

November 13, 2024

Session Two: Interoperability, interoperationality and social integration

Moderator

Mrs. Kimberley Fargeaud

IFI

French Embassy in Indonesia and Timor Leste



08h00

Dr. Cheryl Stroud

One Health Commission

Apex, USA



Title: The Global One Health movement: why it is so urgent to connect the players for synergy and strength

08h20

Prof. Mayumi Wakimoto

Oswaldo Cruz Foundation

Rio de Janeiro, Brazil



Title: One Health implementation strategy in Brazil

08h40

Prof. Richar Rodriguez

Universidad Central del Ecuador

Quito, Ecuador



Title: "One Health Implementation in Latin America with a Focus on Ecuador

09h00

Dr. Triwibowo Ambar Garjito

BRIN – B2P2VRP

Salatiga, Indonesia



Title: One Health on vector-borne diseases: progress, problems and challenges

09h20

Dr. Yinling Zhou

Wuhan University

Wuhan, China



Title: One Health governance: practice and ethics

09h40

Dr. Masdalina Pane

BRIN

Cibinong, Indonesia



Title: Integrated surveillance in One Health

Break (15 min)

10h20

Prof. Srihadi Agung Priyono
IPB University
Bogor, Indonesia



Title: Strengthening One Health implementation: training the trainers

10h40

Prof. Abdul Raman bin Oman
University Putra Malaysia
Selangor, Malaysia



Title: Implementation of One Health approach in Malaysia

11h00

Prof. Rajib Dasgupta
Jawaharal Nehru University
New Delhi, India



Title: One Health implementation in South Asia

11h20

Prof. Arve Lee Willingham
United Arab Emirates University
Al Ain, United Arab Emirates



Title: AMR from a veterinary perspective

11h40

M. Thomas Gonnat

AFD (French Development Agency)
Phnom Penh, Cambodia



Title: Implementation of ECOMORE: Health Security in Indo-Pacific

12h00

Round table/interaction with the public (3/4 hour)

12h30

Lunch break

Session 3: Coordinated international implementation

Moderator

Prof. Vijj Kasemsup
Mahidol University



14h00

Dr. Sandra Tempongko

SEAMEO
Southeast Asian Ministers of Education Organization
Bangkok, Thailand



Title: One Health implementation in border schools

14h20

Dr. Mushtofa Kamal

**WHO Indonesia
Jakarta, Indonesia**



Title: NPO surveillance at WHO

15h30

Round table

SEAMEO

BRIN

PAEI

AFD

Ministry of Public Health Thailand

ASEAN

WHO

WFPHA

World Bank

17h00

Closing remarks

Master of Ceremony

Dr. Laurent Gavotte

University of Montpellier



The Organizing Committee

*Dr Masdalina Pane
BRIN
Cibinong*



*Dr. Hariadi Wisibono
PAEI*



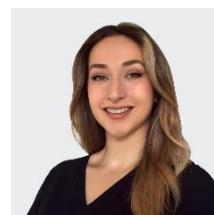
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Prof. Suchin Worawichawong
Mahidol University



Prof. Vijj Kasemsup
Mahidol University



Mr. Bunthid Serekajhonkitcharoen
Mahidol University

