

ONE HEALTH X CITY CONFERENCE 2021

PHENOMENON AND PREPARATION FOR FUTURE CITIES

THIS EVENT IS PART OF THE CONFERENCE CYCLE FONDS D'ALEMBERT 2021.



1. Rationale:

Today, the world is changing rapidly in every dimension as a result of globalization that is fueling trends such as urbanization and population migration, combined with the worsening effects of climate change. According to data tracking, global urbanization is accelerating, and it is estimated that by 2030 60 percent of the world's population will live in a city (African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, and Inter-American Development Bank, 2020). This phenomenon is occurring in the midst of both planned and unplanned urban expansion and the biodiversity loss that brings wildlife closer to population settlement. These shifts include the movement of people and resources between urban and suburban areas. Population migration and travel is also increasing the likelihood of the emergence and distribution of infectious diseases, especially zoonotic disease (Institute of Development Studies, 2015).

These contemporary events that are impacting on the development and lifestyle of urban people has led to the concept of “**One Health**” as a guideline for anticipating, preventing, and solving health problems through the collaboration between various professions for the health of people, animals, and the environment (Centers for Disease Control and Prevention, n.d.). The One Health concept is not new; it has long been a vision of integrating health with other sciences. However, at present, due to the Covid-19 pandemic who highlighted the close link between human, animal and environment health, this concept is becoming increasingly important and at the forefront of planning for today and in the near future. In just the past 18 months alone, the world has become thoroughly sensitized to the threat of emerging infectious diseases and recurrent epidemics.

It can be said that Southeast Asia is the epicenter of emerging infectious diseases based on its geographic location, the humid climate, regional climate change, biodiversity loss, urban expansion, changes in land use patterns, and the increase in the population (Serge Morand, Jean-Pierre Dujardin, Régine Lefait-Robin, and Chamnarn Apiwathnasorn, 2015). The region is also a hub for trade in livestock and international wildlife exports (Lathaka Nettas, 2020), which is a potentially contributing factor to the spread of infectious disease in the region. Most of the nations in Southeast Asia are developing countries with a limited ability to cope with large infectious disease outbreaks. As a result, international organizations and researchers attach great importance to forecasting and preventing the spread of infectious disease in Southeast Asia.

In this regard, UDDC-Chulalongkorn University, together with the Research Institute on Contemporary Southeast Asia (IRASEC) and the Embassy of France in Thailand, recognize the importance of the One Health concept and the need to take an integrated approach with the science of urban development and urban living studies. Accordingly, the ONE HEALTH x CITY CONFERENCE 2021 event was conceived to be held on 16th-17th December as a forum for discussion, exchange of ideas, public relations, and awareness-raising on the One Health concept. The aim is to promote knowledge and understanding of current infectious disease phenomena, including biodiversity in Southeast Asia.

2. Objectives

- 2.1. To expand the body of knowledge on the One Health concept from a scientific topic among expert scientists to become a public issue
- 2.2. To create an open space to exchange knowledge and discuss the latest information and findings of how each relevant science can be integrated with the One Health concept
- 2.3. To raise awareness of the need to advocate for the One Health concept in urban areas with the relevant authorities and the public at large

3. Schedule of events

This conference will be a two-day event, discussions as follows:

THURSDAY 16 DECEMBER 2021		
Time	Topic	Speaker
14.00 – 14.20	Opening and presentation of the schedule	Opening session by <ol style="list-style-type: none"> 1. Rémi Lambert, Deputy Head of Mission, Embassy of France to Thailand 2. Dr. Pairoj Saonuam, Assistant CEO of Thai Health Promotion Foundation 3. Dr. Niramom Serisakul, Assoc.prof. at the Department of Urban and Regional Planning, Chulalongkorn University and Direct of Urban Design and Development Center (UddC) 4. Dr. Jérôme Samuel, Director of IRASEC
Panel discussion day 1		
14.20-14.30	Introduction of the speakers	Moderate by Assoc.Prof.Tavida Kamolvej, Ph.D.
14.30-14.50	1. The One Health approach for a growing urbanization	Serge Morand, Ph.D. (French National Centre for Scientific Research (CNRS))
14.50-15.10	2. Indonesian Urbanization and Health Dimension in a Changing Climate: Evidence from Semarang and Pekalongan	Prof.Wiwandari Handayani, Ph.D. and Assoc.Prof.Rukuh Setiadi, Ph.D. (Department of Urban and Regional Planning, Diponegoro University)
15.10-15.30	3. The Post-Pandemic City We Want	Assoc.Prof.Niramom Serisakul, Ph.D. (Director, Urban Design and Development Center)

15.30-15.50	4. Community-led COVID-19 responses: addressing COVID-19 crisis in Bangkok through community empowerment and primary health care	Nittaya Phanuphak, MD, Ph.D. (Executive Director, Institute of HIV Research and Innovation)
15.50-16.40	The floor is open for exchange of views and Q&A	Moderator and all speakers
16.40-16.50	Summary of the day 1 session	Moderate by Assoc.Prof.Tavida Kamolvej, Ph.D.
16.50-17.00	Closing	
FRIDAY 17 DECEMBER 2021		
Time	Topic	Speaker
14.00-14.10	Opening and presentation of the schedule	
Panel discussion day 2		
14.10-14.20	Introduction of the speakers	Moderate by Wan Chantavilasvong
14.20-14.40	1. Climate Change and Heat: Thailand perspectives	Assoc.Prof.Kraichat Tantrakamapa, Ph.D. (Department of Social and Environmental Medicine, Mahidol University)
14.40-15.00	2. Making Collaborative Health Governance Work Better in Mega-City (Bangkok)	Assoc.Prof.Tavida Kamolvej, Ph.D. (Dean, Faculty of political science Thammasat university)
15.00-15.20	3. Rethinking Cities in the Pandemic and Vulnerability Era	Pongsak Yingchoncharoen (Mayor of Yala City Municipality and President of National Municipal League of Thailand)
15.20-16.10	The floor is open for exchange of views and Q&A	Moderator and all speakers
16.10-16.20	Summary of the day 2 session	Moderate by Wan Chantavilasvong
16.20-16.30	Closing	

4. Network partners

- The Embassy of France in Thailand
- The Research Institute for Contemporary Southeast Asia (IRASEC; CNRS - MEAE)
- Urban Design and Development Center (UddC)
- Thai Public Broadcasting Service (Thai PBS)

5. **Target audience:** The target audience for this event includes academics and experts on issues related to urban development, public health, and other sciences, as well as representatives from agencies with duties and responsibilities related to urban development, and the interested public

References

African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, and Inter-American Development Bank . (2020). *Creating Livable Cities: Regional Perspectives* .

Centers for Disease Control and Prevention. (n.d.). Retrieved from <https://www.cdc.gov/onehealth/basics/index.html>

Institute of Development Studies. (2015). *Urbanisation, the Peri-urban Growth and Zoonotic Disease* .

Serge Morand, Jean-Pierre Dujardin, Régine Lefait-Robin, and Chamnarn Apiwathnasorn. (2015). *Socio-Ecological Dimensions of Infectious Diseases in Southeast Asia*.

Lathaka Nettas. (2020). Epidemics in the age of globalization and the challenges of state and international society.