

Conference Welcome



Clinical Professor Niwes Nantachit, M.D
President of Chiang Mai University, Thailand



Professor Trevor Ames, DVM, MS
Dean, College of Veterinary Medicine,
University of Minnesota, United States



Opening Statement

Professor Dr. Srirama Rao, MS, PhD.

Chair of the International Conference on One Medicine One Science



Keynote Speech

*“Sufficiency Economy toward One Health;
Human-Animal-Environment”*

M.L. Panadda Diskul

Assistant Minister to His Excellency the Prime Minister of Thailand

Plenary Presentation Session 1:

Strengthening Capacities for Surveillance, Response and Control of Infectious Diseases in developing countries



**The Power of One Health:
Innovating an End to Pandemics**
Mark Smolinski,
Ending Pandemics, United States



**Malaria Outbreaks related to Climate
Variability in Africa**
Noboru Minakawa,
School of Tropical Medicine and Global
Health, Nagasaki University, Japan



**GHSA/IHR as Platforms to Strengthen
National One Health Capacity**
Khanchit Limpakarnjanarat,
GHSA Coordinating Office for Ministry of
Public Health, Thailand

Plenary Presentation Session 2:

The Thai Cave Rescue: What We Learned for Effective Health Management and Crisis Communications



**Incidence Command System in
Emergency System in Emergency
Operation Centre during Cave Rescue:
How to make it Effective**
Supachoke Maspakorn,
The Chiang Rai Prachanukroh Hospital,
Thailand



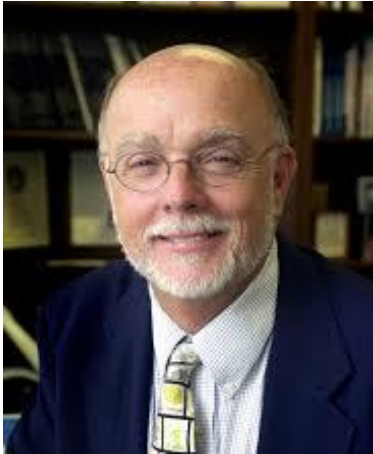
**EID Response from the Cave:
Lesson Learnt and Way Forward**
Rome Buathong,
Bureau of Epidemiology,
Department of Disease Control,
Ministry of Public Health, Thailand



**Crisis communication: how to
make it effective**
Suthichai Yoon,
Senior Journalist, Thailand

Plenary Presentation Session: 3

Ecosystem and Environmental health to Community Development:
Scientific Challenge and Policy Implications



**Environmental Health: Human Health as
a Critical Component of One Health**

William Suk,
National Institute of Environmental
Health Sciences (NIEHS), United States



**Early Warning System based on
Climate Prediction**

Noboru Minakawa,
School of Tropical Medicine and Global
Health, Nagasaki University, Japan

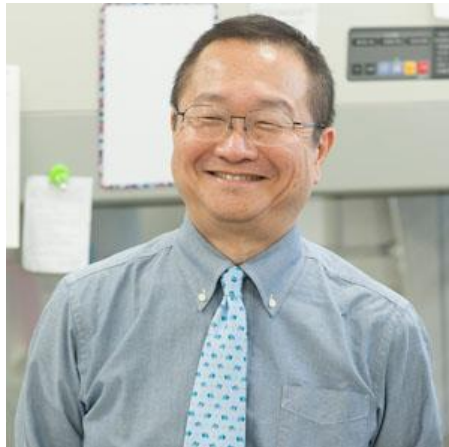


**Working and Living: The Environment
and One Health**

Bruce Alexander,
School of Public Health, University of
Minnesota, United States

Plenary Presentation Session 4:

Food Safety Perspectives in the 21st Century:
Policy Development and Implementation



**Rapid and Reliable Detection
Methods for Food-Borne Diseases**

Hisao Kurazono,
Obihiro University of Agriculture
and Veterinary Medicine, Japan



**Food Safety and Shifting Global
Pressures: Are We Ready?**

Jennifer van de Ligt,
College of Veterinary Medicine,
Food Protection and Defense
Institute, University of Minnesota,
United States



Nikom Sitthi-oad,
Bird Security and Regulation
Senior Manager at Cargill
Meats Thailand

Plenary Presentation Session 5:

Infectious Diseases: World without Borders: Boosting your Immunity



Dennis Carroll,
Director, Emerging Threats Program, Bureau for Global Health,
U.S. Agency for International Development, United States

Plenary Presentation Session 6:

Workforce Migration, Mobility, and Sustainability:
Ensuring a competent workforce within and beyond borders



Global Migration and Mobility: Ensuring Competent and Sustainable Workforce

Franklin Shaffer, Chief Executive Officer, Commission on Graduates of Foreign Nursing Schools (CGFNS) International USA, United States

Panel Discussion 1:

Interface of Human, Animal and Environmental Health:
How to Move it More Effective



Interface of Human, Animal and Environmental Health and Natural Focality of Vector-Borne Diseases
Michael Kosoy,
Global Health Asia Institute, Bangkok, Thailand; and KB One Health, Fort Collins, Colorado, United States



Ending Rabies in Thailand: Will it be Mission Possible?
Anupong Sujariyakul,
Senior Expert in Preventive Medicine, Department of Disease Control, Ministry of Public Health, Thailand



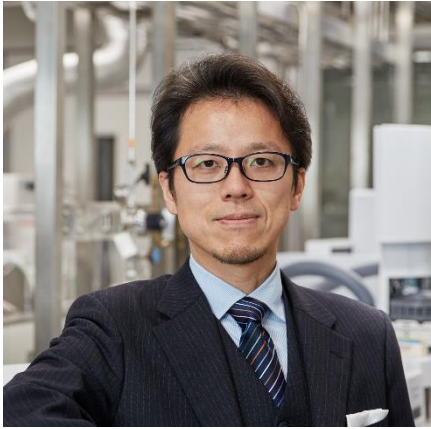
Asian Zoonotic Schistosomiasis in the Philippines
Shin-Ichiro Kawazu,
Obihiro University of Agriculture and Veterinary Medicine, Japan



Emergence of Ebola Virus in Humans: a Representative Model of Animal-Human-Environment Interface
Eric Leroy,
International Centre for Medical Research, Institute of Research and Development (IRD), France

Panel Discussion 3:

Impacts of Pollution on Health, Environment



The Environment and Child/Next Generation's Health

Shoji Nakayama,
Center for Health and
Environmental Risk Research,
National Institute of
Environmental Studies, Tsukuba,
Japan



Evaluating Health Outcomes Related to Prenatal Chemical Exposures

Dana B. Barr,
Emory's Rollins School of Public
Health, Emory University, United
States



Air Pollution in Northern Thailand: Biomass Burning Emission and Health Risk Assessment

Somporn Chantara,
Head of Environmental Science
Research Center (ESRC), Faculty of
Science, Chiang Mai University,
Thailand

Panel Discussion 4:

Climate Change and Disaster Research to Improve Disaster Management



Empowering Vital Research to Address Disasters and Emerging Threats

Aubrey Miller,
National Institute of Environmental Health Sciences (NIEHS), United States



Heat early warning systems and other predictive models

Juli Trtanj,
National Oceanic and Atmospheric Administration (NOAA), United States



Disaster Management: Experiences in South East Asia

Pornpitak Panlar,
Division of Disease Control in Emergency Situation, Department of Disease Control, Ministry of Public Health, Thailand

Panel Discussion 5:

Inappropriate Use of Antibiotics in Human, Animal, and Agriculture:
The major link to AMR and Environmental Impact in 21st Century



Global Antimicrobial Stewardship Efforts

Jeff Bender,
USAID One Health Workforce
Project and School of Public Health,
University of Minnesota, United
States



Reducing antimicrobial use in livestock - will it reduce antimicrobial resistance? The German experience

Bernd-Alois Tenhagen,
The Group for Epidemiology, Zoonoses and
Antimicrobial Resistance, Department of
Biological Safety, German Federal Institute
for Risk Assessment, BfR, Berlin, Germany



Collateral Damage of Antibiotic Use on Emergence of AMR: Lessons learned from Thailand

Visanu Thamlikitkul,
WHO Collaborating Centre for AMR
Prevention and Containment and
Faculty of Medicine Siriraj Hospital,
Mahidol University, Thailand

Panel Discussion 6:

Migrant and Minority Health: Someone Still Left Behind



Migration Medicine As A Young Science: Challenges and Opportunities

Patricia Walker,
Health Partners Center for
International Health, Medical School,
University of Minnesota, United States



Gender and Migration: The Unique Intersections Between Gender, Health, and War

Sarah Hoffman,
Population Health and Systems
Cooperative Unit, School of Nursing,
University of Minnesota, United States



Improve Migrant Health Accessibility through Sustainable Complementary Migrant Health Funds

Nyunt Naing Thein,
Manager in M-Fund (Migrant Health
Insurance Project), Thailand

Panel Discussion 7:

Global One Health Initiative: Challenges and Opportunities for Tackling Infectious Diseases in Developing Countries



One Health capacity building in Southeast Asia

Le Thi Huong,
Chairperson of South East Asia One Health University Network (SEAOHUN) and Dean of the Institute for Preventive Medicine and Public Health, Hanoi Medical University, Vietnam



Katey Pelican,
Co-Director of the One Health Workforce Project and College of Veterinary Medicine, University of Minnesota, United States



OIE Initiatives in Strengthening One Health Collaboration in South-East Asia

Ronello Abila,
OIE Sub-Regional Representation for Southeast Asia, Thailand

Panel Discussion 8:

Climate change and Mental Health Effects



Mental health system in Thailand: current situation and new challenges

Phunnapa Kittiratanapaiboon,
Director, Bureau of Mental Health
Service Administration,
Department of Mental Health,
Ministry of Public Health, Thailand



Mental health professions coping with changing climate in Taiwan

Duujian Tsai,
Professor and Director of Institute of
Humanity in Medicine, Taipei
Medical University, Taiwan



Climate Change, Mental Health and Wellbeing

Varoth Chotpitayasunondh,
Deputy chief, Public Relations and Social
Communication working group
Deputy director, Bureau of Mental Health
Academic Affairs, Department of Mental
Health, Ministry of Public Health, Thailand