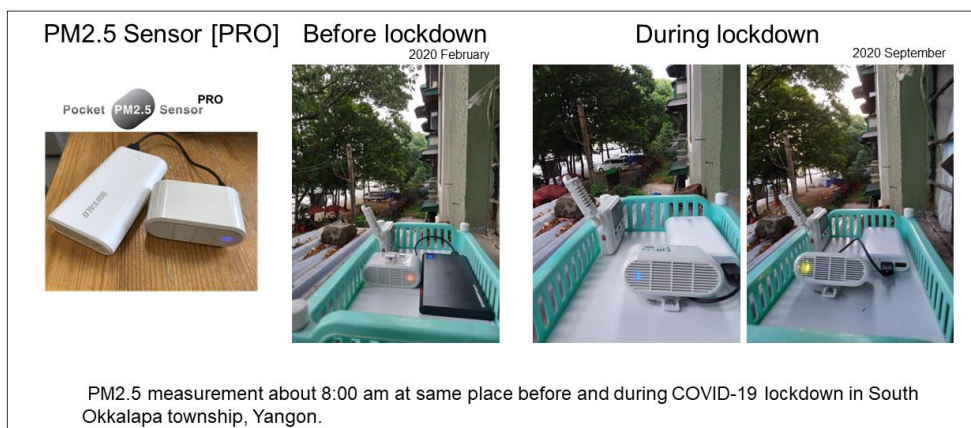


Session 2: Jan 19, 2021, 13:30 - 18:00 JST

Theme: Environmental Factors are Major Health Concerns in Asian Countries

Session Overview:

According to WHO, an estimated 12.6 million deaths each year are attributable to unhealthy environments. Environmental risk factors, such as air, water and soil pollution, chemical exposures, climate change and ultraviolet radiation, contribute to more than 100 diseases and injuries. Air pollution continues to pose a significant threat to health worldwide. Many countries around the world do not have regulations on air pollution. Early warning and prevention of harmful effects of chemicals including persistent organic pollutants (POPs) to which humans are being increasingly exposed are essential to prevent potential risks to human health. Assessment of health impact provides decision makers with information about how any policy, program or project may affect the health of people. Well-designed sustainable development strategies across transport, housing and energy sectors can lead to multiple achievements for health, climate and the environment. In this session, we will share our research knowledge of current environmental issues and introduce novel assessment and screening methods used in environmental health research. Finally, we hope to create environmental research network between Asian countries.



Session Organizers: Dr. Daisuke NAKAJIMA (NIES), Dr. Tin Tin Win Shwe (NIES)

Chairpersons: Prof. Dr. Than Htut (University of Public Health, Myanmar),
Dr. Yasuyuki SHIBATA (Tokyo University of Science/NIES)

Rapporteur: Dr. Satoshi ENDO (NIES)

Presentations:

- **Recent Health Activities in Response to COVID-19 in Myanmar**

Prof. Dr. Zaw Wai Soe

Rector, University of Medicine 1, Yangon, Myanmar

- **Impact of Lockdown on Air Quality in Myanmar and Some Asian Countries during COVID-19 Pandemic**

Prof. Dr. Ohn Mar

Professor and Head, Department of Physiology, University of Medicine 1, Yangon, Myanmar

- **Individual's Awareness, and Mental Health and Psychosocial Consequences Regarding COVID-19 Pandemic**

Dr. Soe Min

Senior Consultant Psychiatrist President-elect, Mental Health Society, Myanmar Medical Association, Myanmar

- **TBD**

Ms. Kakuko Nagatani-Yoshida

Regional Coordinator for Chemical, Waste and Air quality, Asia and the Pacific Office, UN Environment Programme, Thailand

- **Chemical Substance Monitoring to support the Stockholm and the Minamata Conventions**

Dr. Yasuyuki SHIBATA

Vice Director, Environmental Safety Center, Tokyo University of Science, Japan/ Visiting Researcher, NIES, Japan

- **Characteristics of Airborne PM2.5 from Nursery Pig House and its Mechanism of Inducing Inflammatory Response in Alveolar Macrophages**

Prof. Dr. Chunmei Li

Professor, Nanjing Agricultural University, China

- **Fate of Antibiotic Resistant Bacteria from Wastewater to Water Environment**

Dr. Ryo HONDA

Associate Professor, Kanazawa University, Japan

- **Comprehensive Analysis of Organic Micro-pollutants in Ambient Air Particulate Matter in Hanoi**

Dr. Hanh Thi DUONG

Researcher, Institute of Environmental Technology, Vietnam Academy of Science and Technology, Vietnam