

# OHOW <sup>2023</sup>

IIS UTokyo SYMPOSIUM No.121



OHOW HP



OHOW2023 HP

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For more information, please visit <https://sciforum.net/event/OHOW2023>  
or <https://ohow.iis.u-tokyo.ac.jp/> (OHOW HP)

**THE 2nd  
INTERNATIONAL SYMPOSIUM  
ON ONE HEALTH, ONE WORD  
December 6-8, 2023  
at  
Nabab Nawab Ali Chowdhury Senate Bhaban  
Dhaka University, Bangladesh**

**December 8, 2023  
Technical tour / Sonargaon, Bangladesh**

Organized by

Dhaka University  
Dhaka, Bangladesh  
&

One Health, One World Collaboration Research Initiative (OHOW)  
Institute of Industrial Science (IIS),  
The University of Tokyo (UT), Japan  
&

Bangladesh University of Engineering and Technology, BUET (BNUS),  
Dhaka, Bangladesh



## INTRODUCTION

Recognizing the importance of urban safety and urban environmental management, OHOW, Institute of Industrial Science, The University of Tokyo and has been organizing an 'OHOW international Symposium' since 2022 in Asian cities.

Recent outbreaks of COVID-19, phenomena such as species loss, habitat degradation, pollution, invasive alien species, and global climate change are recognized as fundamentally altering life on our planet from terrestrial wilderness to the most densely populated cities. The concept 'One Health, One World (OHOW)' addressed as Manhattan principles in 2004 has been well recognized which is a comprehensive science of human and animal health, and the global environment along with urban safety and urban environmental management.

The 1<sup>st</sup> OHOW symposium was held in Pattaya, Thailand in 2022. The symposium topics are natural disasters and infectious disease, transportation, and human mobility, structural and geotechnical engineering for human safety, ecology and environmental impact of human public health, Climate change, and green recovery, remote sensing and GIS, etc. The symposium will include invited lectures by professors and oral presentations by students.

## IMPORTANT DATES

**Submission of Abstract:**

October 6, 2023

**Registration:**

November 10, 2023

## REGISTRATION FEE

The registration fee includes two lunches, four tea breaks, and one gala dinner.

International delegates: US\$250

International students: US\$150

## SYMPOSIUM VENUE

Dhaka University, Bangladesh

## ABOUT DHAKA

Dhaka is the capital and largest city of Bangladesh, With its colorful history and rich cultural traditions, Dhaka is known as the city of mosques, muslin, and rickshaws. Having a happy blending of old and new architectural trends, it has been developing fast as a modern city. It has become the hub of industrial, commercial, cultural, educational, and political activities for Bangladesh. Dhaka is located in the geographic center of the country. The city is within the monsoon climate zone, with heavy rainfall and bright sunshine in the monsoon and warm for the greater part of the year. The winter months, from November to March, are, however, most likable, cool, and pleasant. The annual average temperature is 25°C(77°F)and 29°C(84°F) in August. Nearly 87% of the annual average rainfall of 2,123mm(84in) occurs between May and November.

## SUBJECTS

The symposium will focus on the following subjects and keywords for one health one world. The conference subjects and keywords:

### 1. CCGR. Climate Change and Green Recovery

- Climate change and water resources
- Biodiversity, wildlife, and terrestrial ecosystems
- Carbon emissions

### 2. IPHRA. International Public Health Research in Asia

- Climate change and public health
- Natural disasters and infectious diseases
- Pandemic and public health issues

### 3. IMSBE. Infrastructure Management and Sustainable Built Environment

- Innovative systems for a sustainable built environment
- Smart buildings and intelligent infrastructures
- Innovations in civil engineering materials for sustainability
- Developments and practices in infrastructure management
- Modernization and automation in the construction industry

### 4. USDM. Urban Safety & Disaster Mitigation

- Political practices and innovations for disaster mitigation
- Preparedness against the multi-disaster environment
- Structural vulnerability assessment and retrofitting
- Structural health monitoring
- Post-disaster emergency response
- Smart cities & advanced transportation and lifeline systems
- Numerical simulation techniques & tools
- Pollution and environmental risk management for urban resiliency
- Geotechnical engineering for a better-built environment

## ABSTRACT SUBMISSION PROCEDURE

Authors are invited to submit an abstract of 300 words to the secretariat by October 6, 2023. Authors must submit an extended abstract by using the OHOW2023 format and choose their subject number template can be downloaded from the symposium website <https://sciforum.net/event/OHOW2023>

All the extended abstracts will be open to the public after the symposium.

## YOUNG SCHOLAR AWARD

Awards will be granted to students and young researchers under 35 years.