

Joint workshop of

**2022 International workshop on air quality, low-cost sensors, and  
USR across the PM2.5@Asia community**

*and*

**2022 7-SEAS Data/science workshop**

**Time:** [October 24-29, 2022](#)

**Venue:** [National Central University, Taoyuan, Taiwan \(also available via virtual meeting\)](#)

**Why hold the joint workshop?** The [PM2.5@Asia](#) and [7-SEAS](#) both are focusing on air quality and climate change issues in Southeast Asia (SEA) countries.



NCU university social responsibility project (USR) – **PM2.5@Asia**

**About:** As an education-oriented project, we collaborate with universities and local governments in establishing PM<sub>2.5</sub> and CO<sub>2</sub> monitoring networks and related data processing technologies to prompt important topics such as local air quality, transboundary air pollution, health impacts of air pollution, education of air quality, and climate actions. This project specifically fits into the SDG13 goal: climate change.

The first PM2.5@Asia workshop was held in 2021, with 5 universities participating and 18 talks given. For this year, the total is up to 9 universities and more than 20 presentations. The topics include, low-cost sensors, air quality research/outreach, and SDGs.

International cooperation program – **7-SEAS**

**About:** As a research-oriented program, the 7 SouthEast Asian Studies (7-SEAS) program conducts interdisciplinary research in the field of aerosol-environment-meteorology and climate interaction in Southeast Asia. A series of 7-SEAS studies since 2007 have been successfully completed. The main objectives of the workshop are (1) to discuss previous 7-SEAS experiments and campaigns, ground-based networks in SEA, and other related regional/local studies in SEA, and (2) to bring together experts who are interested in pursuing the 7-SEAS program and wish to make definitive plans for research and deployment in the coming years.

## Program at a Glance

	10/24 Mon	10/25 Tue	10/26 Wed	10/27 Thu	10/28 Fri	10/29 Sat
Morning	2022 International workshop on air quality, low-cost sensors, and USR across the PM2.5@Asia community	2022 7-SEAS Data/science workshop Opening and keynote		PM2.5@Asia hardware training	Technical tour (Day 1) National Taichung Theater, Dongpu Hot Springs	Technical tour (Day 2) Lulin Atmospheric Background Station
Lunch				7-SEAS Data/science session		
Afternoon		PM2.5@Asia Data training	Free time (lab technical training, or sightseeing)			
Dinner	Welcome party	Workshop banquet				Technical tour (Day 3) Sun-moon Lake

PM2.5@Asia
7-SEAS
PM2.5@Asia and 7-SEAS together

Detailed information about workshop agenda and technical tour will be updated shortly.

The meeting will be held in hybrid format. If you would like to participate in the on-site meeting, please contact Prof. Carlo Wang with any questions, including about travel plans and budget support.

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**Sponsors:** Ministry of Education, National Science and Technology Council,  
Environmental Protection Administration, National Central University



**Organized by:** Center for Environmental Monitoring and Technology, NCU;  
College of Earth Sciences, NCU