



2020 Advanced Institute on Health Investigation  
and Air Sensing for Asian Pollution (AI on Hi-ASAP)  
On-line, October 5, 6, 8 & 15, 2020  
Academia Sinica, Taipei, Taiwan

# Introduction of Seed Grant

Shih-Chun Candice LUNG 龍世俊

- Research Center for Environmental Changes, Academia Sinica, Taiwan
- Center for Sustainability Science, Academia Sinica, Taiwan

# Seed Grant (1)

- a "call-for-proposal" will be announced no later than **3-6 months after this AI**
  - The participants will be invited to submit research proposals followed by a competitive reviewing process
  - Only limited numbers of proposals (four, based on previous experiences) will be granted for **one year**
  - IRDR ICoE-Taipei and the core collaborator will review and announce results no later than 3 months after the closing of the proposal submission
  - the grantees will be required to submit a report to IRDR ICoE-Taipei and the core collaborator no later than 2 months after the end of the executive period

# Seed Grant (2)

## ■ Qualification:

- Lead PI is belong to one of the participating research groups of Hi-ASAP and from a developing country

## ■ Award: up to USD 15,000 each project for one year

- Up to USD 12,000 in the beginning of the project
- Up to USD 3,000 after handing in the final report in the end of the project

# Expectation on Proposals (1)

- (1) A pilot study of Hi-ASAP
  - Conduct a **panel-type PM<sub>2.5</sub> epidemiological study** with methodologies and techniques taught in this AI (recruit subjects and carry out personal exposure-health evaluation with PM<sub>2.5</sub> sensors and Rooti RX)
  - Specify your research questions, studied area, targeted populations, detailed exposure and health monitoring strategies, and expected outcomes and social impacts
  - Emphasize multidisciplinary collaboration (atmospheric chemistry and public health), solution-oriented, and stakeholder engagement

## Expectation on Proposals (2)

- (2) Participating research groups **with higher scores in the final exam** of 2020 AI on Hi-ASAP will have higher ranking
  - Final exam will be given to the participants on the fourth days of the 2020 AI after the Q & A sessions (October 15, 2020)
  - Final exam are **sample files for the participants to run the Python, PyCharm, and R packages**
    - Please show your outputs and state the meanings of these output data
  - Participants will have one week to work and have to hand in answer sheets no later than October 22, 2020



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Any question?

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