



# Hub of Talents on Air Pollution and Climate





**Faculty of Public Health  
Thammasat University**



Collaborating Center for Clean Air and Climate Change  
Faculty of Public Health, Thammasat University



**HTAPC**

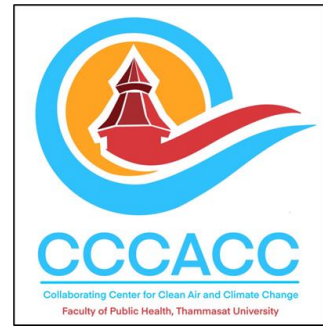
Hub of Talents on Air Pollution and Climate



# คณะสาธารณสุขฯ ธรรมศาสตร์ เปิดศูนย์ด้านอากาศสะอาด "CCCACC" ส่งเสริมสุขภาพที่ดีของประชาชน

เปิดศูนย์ความร่วมมือด้านอากาศสะอาดและการเปลี่ยนแปลงสภาพภูมิอากาศ (CCCACC) สิ่งแวดล้อมที่มีอากาศบริสุทธิ์คือ  
สิทธิขั้นพื้นฐานของประชาชน

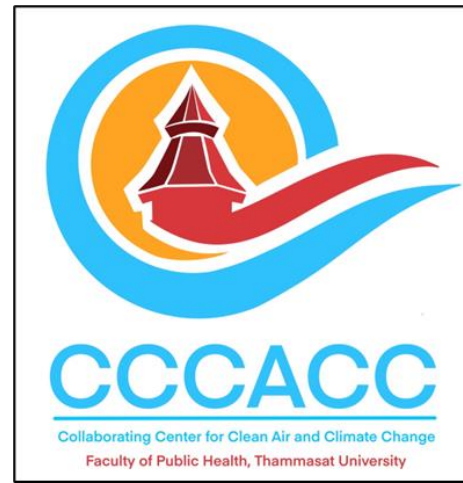
วันพฤหัสบดีที่ 8 กันยายน พ.ศ.2565



## เปิดศูนย์ด้านอากาศสะอาด "CCCACC"

คณะสาธารณสุขฯ ธรรมศาสตร์ ส่งเสริมสุขภาพที่ดีของประชาชน

# Vision



# Goals



## CCCACC

Developing and sharing a robust science-to-policy framework through conducting advanced experimental atmospheric research for local and regional policy implications



## Collaborating Center

Connecting and expanding multidisciplinary research partners and various socio-economic stakeholders for better improving clean air and strengthening local to regional climate actions



## Clean Air

Promoting the right to breathe clean air by reducing air pollutant emissions at their origins and preventing community exposure as a whole through multidisciplinary research



## Climate Change

Scientifically understanding climate change feedback on local air quality with the integration of climate change coping and adaptation for promoting good health and well-being

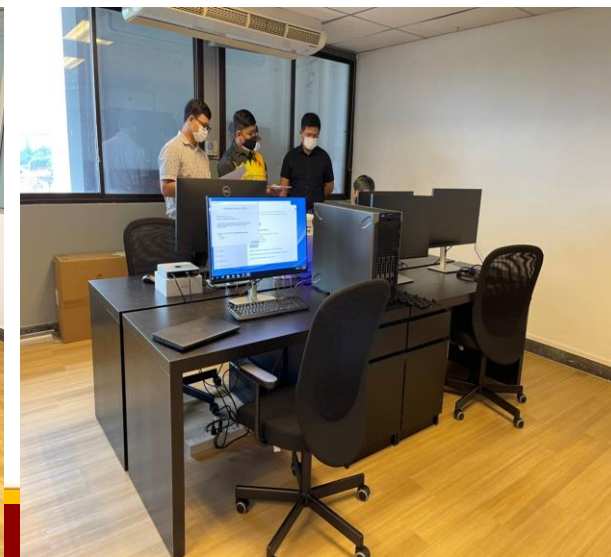
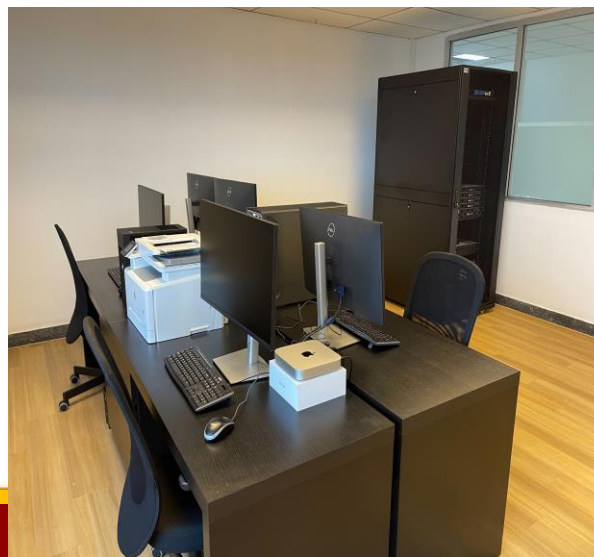
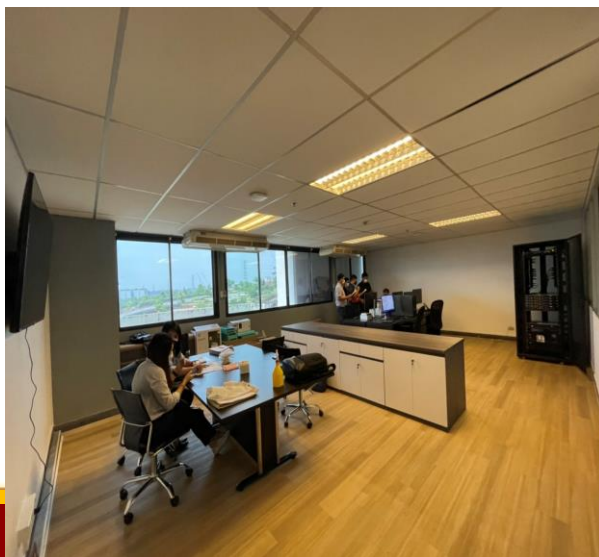




**Faculty of Public Health  
Thammasat University**

# **Collaborating Center for Clean Air and Climate Change (CCCACC)**

<http://www.cccacc-fph-tu.org>



# Collaborating Center for Clean Air and Climate Change (CCCACC)

## Faculty of Public Health, Thammasat University-Rangsit Campus



### High Performance Computation Server

Core: 128C/256T + 24C/24T, RAM: 256GB + 32GB,  
STORAGE: 4TB SSD + 32TB HDD, OS: **CentOS 7 mpirun**  
(cluster), RAID 1,

**T440 Windows Server (2022):** 20C/40T, 32GBRAM, 2TB SSD

**Windows Workstation (Windows11):** i7 11700K, 8C, 32GB  
RAM, 1 TB M.2 SSD, Nvidia GeForce RTX 3070 8GB

**Mac OS:** Apple Silicon M1, 8C, 16GB RAM, 1TB SSD

**Applications:** WRF-Chem, GEOS-Chem, CAMx, CMAQ,  
AERMOD, GIS, Remote Sensing, AI & ML





# Research Partners



**BMA**  
กรุงเทพมหานคร  
BANGKOK METROPOLITAN ADMINISTRATION





## Faculty of Public Health Thammasat University



**HTAPC**  
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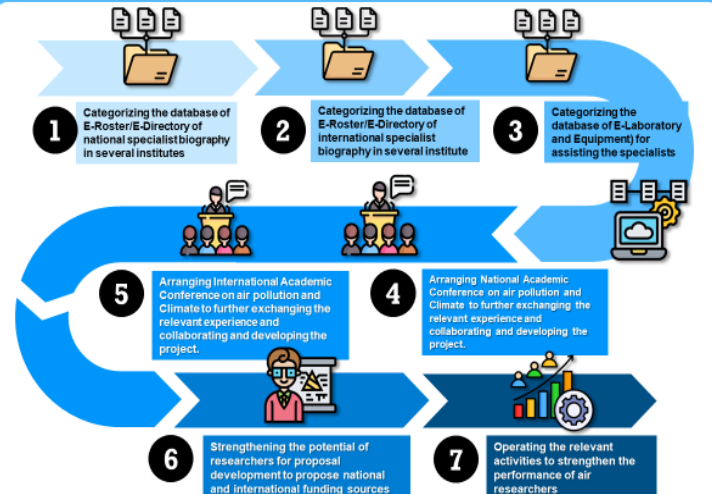
#### The purpose

- To establish the Thailand national specialist center on air pollution and climate
- To strengthen the collaboration among national and internationally related academic agencies
- To develop and strengthen the potential of international researchers on Atmospheric Science, Air Pollution and Climate

Funding source : National Research Council of Thailand (NRCT)



Joining  
"HTAPC"  
Please Scan



Network and Roaster of National Experts and Organizations on Air Pollution and Climate (SLCPs) (Who is who)

Network and Roaster of International Experts and Organizations on Air Pollution and Climate (SLCPs) (Who is who)

Roaster of Laboratory and Equipment for Air Sampling and Analysis

Annual National and International Conferences on Air Pollution and Climate (SLCPs)

Capacity Development of National Researchers in Atmospheric Science, Air Pollution, and Climate (SLCPs)





## Contact Information

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