

WG4: ACAM Working Group on Capacity Building

<https://www2.acom.ucar.edu/acam/acam-working-group-training>

Goals

- To develop training opportunities for young Asian scientists on the use of models and satellite observations
- To create a network of ACAM scientists through the ACAM workshops, ACAM training schools, and this web page
- To provide resources for improving science and communication skills

Activities

1. ACAM Training Schools
 - 2015 Asian Institute of Technology, Bangkok
 - **2017 Jinan University, Guangzhou**
2. Disseminate information via ACAM web page
3. Future plans of forming an ACAM mentoring program, continue capacity building focused on ACAM-relevant science and communication, enhanced training resources dissemination via ACAM web, collaborate with other training networks

Contacts: Ritesh Gautam rgautam.iitb@gmail.com,

Mary Barth barthm@ucar.edu, Federico Fierli f.fierli@isac.cnr.it

BANGKOK 2015 TRAINING SCHOOL

2015 ACAM TRAINING SCHOOL SATELLITE AND MODEL DATA USE FOR AEROSOLS AND AIR QUALITY 11-12 JUNE 2015, ASIAN INSTITUTE OF TECHNOLOGY (AIT), BANGKOK THAILAND

First Training School:

- 2 days of training
- Lecture/activity format
- Science Café post-dinner activity

Recommendations for next school:

- Longer training school,
- Getting more deeper into fundamentals
- Lectures on atmospheric instrumentation





2nd ACAM Training School

Observations & Modeling of Atmospheric Chemistry & Aerosols in the Asian Monsoon region

10-12 June 2017, Jinan University, Guangzhou, China

Second Training School:

- 3 days of training
- Lecture/activity format
- Science Communications Café post-dinner activity

Lecturers:

Tianjun Zhou	Atmosphere-Ocean coupling as part of the Asian Monsoon
Jessica Neu	Intro to CCMI and satellite remote sensing of atmospheric chemistry
Elliott Atlas	Atmospheric instrumentation
Mian Chin	Chemical Transport Modeling
Chiara Cagnazzo	General Circulation Models and How to Evaluate Them
Sachin Ghude	Emissions and atmospheric instrumentation
Federico Fierli	Transport/Dynamics-Chemistry
Mary Barth	Regional Climate Chemistry Modeling
Ritesh Gautam	Aerosol/Cloud/Radiation Remote Sensing



2nd ACAM Training School

Observations & Modeling of Atmospheric Chemistry & Aerosols in the Asian Monsoon region

10-12 June 2017, Jinan University, Guangzhou, China

35 Participants from 10 Countries

- Thailand
- China
- Pakistan
- Bangladesh
- India
- Vietnam
- United Kingdom
- Switzerland
- Nepal
- Norway



ACAM WG4 on Training Web Page

<https://www2.acom.ucar.edu/acam/acam-working-group-training>

ACAM WORKING GROUP ON TRAINING

WORKING GROUP GOALS

- To develop training opportunities for young Asian scientists on the use of models and satellite observations
- To create a network of ACAM scientists through the ACAM workshops, ACAM training schools, and this web page
- To provide resources for improving science skills and communication skills via this web site

ACAM TRAINING SCHOOLS

2nd ACAM Training School, 10–12 June 2017, Jinan University, Guangzhou, China

1st ACAM Training School, 11–12 June 2017, Asian Institute of Technology, Bangkok, Thailand

LINKS TO OTHER TRAINING PROGRAMS

[NASA Applied Remote Sensing Training](#)

Please let us know of other training programs. Contact barthm at ucar.edu

RESOURCES

Please let us know of other resources for ACAM scientists. Contact barthm at ucar.edu

- General Comments?
- If you have a specific item to provide, let's talk after the plenary session

ACAM Mentoring Program

- Connect students/postdocs with seasoned scientists internationally, allowing one-on-one sustained research interactions.
- Go beyond meeting at ACAM workshops.
- Ask about interest from potential mentors (senior/experienced scientists) and mentees (students/postdocs) along with area of research interests, and have them sign up to the mentoring program.
- Students will be paired with mentors where no more than 1-2 mentees are connected with a mentor. We will encourage mentor-mentee pairs to be established internationally (its a wide open field of students/scientists from Asia, Europe, USA, etc.)

Existing networks

- <http://www.futureearth.org/early-career-researchers-network-networks>
- <http://www.igacproject.org/igac-early-career-program>

Other Questions

- How can we bring in more experts to WG-4?
- Should we organize training webinars once/twice a year to maintain WG-4 continuity?
- Should we also include science communication as part of WG-4 ?
- How can we better interface with other ACAM working groups and get their support for WG-4 ?