
The 1st WCRP CORDEX Science and Training Workshop in Southeast Asia 17-20 November 2014, Citeko Bogor, Indonesia (First announcement, August 2014)

The Coordinated Regional Downscaling Experiment (CORDEX) is a WCRP (World Climate Research Programme) initiative to provide global coordination of regional climate downscaling for improved regional climate change adaptation and impact assessment. In CORDEX Phase I, the CORDEX South Asia and East Asia groups are preparing 50-km products for each area. Through the efforts of and requests from local scientists, CORDEX Southeast Asia was established in 2013. The 1st WCRP CORDEX science and training workshop in Southeast Asia will be held during 17-21 November 2014 in BMKG Training Center, Citeko Bogor, Indonesia, jointly supported and organized by the Indonesian Agency for Meteorology, Climatology and Geophysics (BMKG), WCRP, APN (Asia-Pacific Network for Global Change Research), MAIRS (Monsoon Asia Integrated Regional Study), Institute of Atmospheric Physics (IAP), Chinese Academy of Sciences and the National University of Malaysia (UKM). The training workshop is aimed at young scientists who conduct research in regional climate downscaling and climate change impact assessment. Scientific papers on various topics listed below are solicited from scientists within and outside the region.

Workshop Topics:

1. Evaluation of climate simulations in Southeast Asia region from multiple climate models (seasonal and intra-seasonal variability, Typhoon and tropical cyclone, ENSO, drought, heat wave etc.).
2. Assessment of downscaling techniques and their products in Southeast Asia to understand uncertainties accompanying the regional climate projections and to determine the utility of climate model results.
3. Meeting the requests of end-users (hydrology, agriculture, water resources, land cover and ecosystem etc.) on downscaled products, with definition of data types, formats and resolutions, for vulnerability, impacts and adaptation analysis.
4. Training on RCMs modeling, data analysis and applications for young scientists from Southeast Asia.

Tentative Program:

Day 1: Training Workshop (Part 1)

- **Morning Session:** Introduction to Dynamical Regional Climate Downscaling & Analysis, evaluation, interpretation and application of CORDEX model outputs (Lectures)
- **Afternoon Session:** Introduction to Statistical Regional Climate Downscaling (Lectures)
- **Evening Session:** Hands-on Training

Day 2: Training Workshop (Part 2)

- **Morning Session:** Training on using CORDEX model outputs on hydrology and water resources models (Lectures)
- **Afternoon Session:** Training on using CORDEX model outputs on Agriculture & Ecosystems)
- **Evening Session:** Hands-on Training

Day 3: Scientific Workshop (Part 1)

- **Morning Session 1:** Southeast Asia / Maritime Monsoon
- **Morning Session 2:** Climate change & Intra-seasonal to inter-annual climate variability in the Southeast Asia
- **Afternoon Session 1:** Diurnal cycle
- **Afternoon Session 2:** Extremes
- **Evening Session:** Hands-on Training Part 1 & 2

Day 4: Scientific Workshop Part 2

- **Morning Session 1:** Dynamical Regional Climate Downscaling
- **Morning Session 2:** Statistical Regional Climate Downscaling
- **Afternoon Session 1:** Application of Regional Climate Downscaling Products in Hydrology & Water Resources
- **Afternoon Session 2:** Application of Regional Climate Downscaling Products in Agriculture & Ecosystem
- **Evening Session:** Hands-on Training Part 1 & 2

Important Dates :

Application and registration starts: 20 August 2014

Deadline for workshop application and registration: 1 Oct 2013

Confirmation of participation: 8 Oct 2013

Workshop: 17-20 Nov. 2014

Online application and registration: Please visit: <http://plus.allforms.mailjol.net/u/30bebfbb.php>

Workshop website: http://www.ukm.edu.my/seaclid-cordex/wcrp_cordexsea_bogor.html

Selection Criteria:

The selection will be based on a range of criteria, including expertise, scientific, geographical and gender balance, and constraints such as the budget and space limitation for the format of the workshop and the venue. For the Training Workshop, priority is given to young scientists from the Southeast Asia region.

Financial Sponsors:

APN (Asia-Pacific Network for Global Change Research)

MAIRS (Monsoon Asia Integrated Regional Study)

WCRP (World Climate Research Programme)

BMKG (Indonesian Agency for Meteorology, Climatology and Geophysics)

IAP/CAS (Institute of Atmospheric Physics, Chinese Academy of Sciences)

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Please visit the Southeast Asia Regional Climate Downscaling (SEACLID) / CORDEX
Southeast Asia Project Website for more information (<http://www.ukm.edu.my/seaclid-cordex>).