

CARE for SEA Megacities and CORDEX-SEA: A Special Session

Following the training workshop on empirical statistical downscaling (ESD) and urban climate downscaling in Kuala Lumpur, Malaysia last May 2024, there will be a special session for CARE for SEA megacities and CORDEX-SEA on 26-28 November 2024, as part of "The 4th International Vietnam Conference on Earth and Environmental Sciences (IVCEES-2024)" to be held in Quy Nhon, Vietnam. Read more about the session, how to submit an abstract and how to register [here](#)

[Read more about the session and how to register here.](#)



This workshop aims:
to coordinate and discuss updates on the empirical statistical downscaling (ESD), and land surface physics-based downscaling (LSP-DS) activities under the CARE for SEA megacities project;
to coordinate and discuss updates on the CMIP6 downscaling activities of CORDEX-SEA and identify opportunities for collaboration with similar initiatives in Southeast Asia; and to provide a platform for engagement between climate researchers and stakeholders.

CORDEX MAIRS-Future Earth joint workshop on Science-Impacts-Society and Multi-scale Climate-Air-Water Nexus for Sustainable Health, Food, and Energy

CORDEX and Monsoon Asia Integrated Research for Sustainability-Future Earth (MAIRS-FE) have earlier jointly co-organized workshops to enhance the information exchange, learning and collaboration across science disciplines in the Asia region. The next step in this collaborative effort is to organize a workshop which will take place in Beijing at PKU on 17-18 October.

The overall topic for the collaboration is on Science-Impacts-Society and Multi-scale Climate-Air-Water Nexus for Sustainable Health, Food, and Energy. For this particular workshop we will have specific emphasis on how climate change is related to air quality and water scarcity/abundance, which would consequently pose threats to public health and food and energy security. More information and a link for online attendance will be provide at our [website](#) before the workshop.

Prior to this workshop the **Scientific Forum for Numerical Simulation of Asian Regional Climate Change and Earth System Process** will be held at the Suzhou Campus of Nanjing University. 14-16 October. CORDEX is co-hosting and several representatives from CORDEX will be attending the event. [Read more here.](#)

Polar CORDEX includes both Arctic and Antarctic domains and is coordinated jointly with [WCRP Climate and Cryosphere \(CliC\)](#). Its primary goal is to organize an international coordinated framework to produce an improved generation of regional climate change projections for input into impact and adaptation studies.

The Polar CORDEX community organized itself in 2013. The first meeting was held as a side event during the [International Conference on Regional Climate \(CORDEX 2013\)](#) in Brussels in November 2013.

Since then CORDEX Polar has met almost every year to discuss the progress and the planned activities. This year the meeting will be held in Potsdam, Germany 23-25 October 2024 with the possibility to attend online.

Reports from the annual meetings can be found [here](#).

Recently, new coordinated multi-model research activities were started. Those use the unique observations from the year-long [MOSAIC expedition](#) to evaluate a multi-model ensemble. The initiated studies include an evaluation of:

- (i) Arctic atmospheric boundary layer stability regimes, their frequency and radiative and mechanical forcing, and
- (ii) aerosol-cloud-radiation processes during a warm airmass intrusion. Other research activities cover improved polar process understanding and parameterizations, high-resolution future projections for the Arctic and Antarctic, and more.

The CORDEX Polar community is a well-organized group and to help facilitate communication between people interested in regional downscaling of climate models in the polar regions, CORDEX Polar has an email list for anyone to join. It is meant to be a discussion platform to share ideas, progress updates, ask questions, and more. You can find information on how to join on the [CORDEX Polar website](#).

The current Points of Contact in these domains are:

John Cassano, Annette Rinke, Andrew Orr, Chris Kittel

More information on activities can be found at the CORDEX website under [Domain activities](#)



The WCRP Regional Information for Society (RIfS) Core Project is looking to fill two vacancies in their Scientific Steering Group (SSG) and therefore invites the community to nominate candidates (including self-nomination) who are based in countries not currently represented by the Scientific Steering Group (SSG) and particularly encourages applications from Asia, "Least Developed Countries", "Landlocked Developing Countries", and "Small Island Developing States", to join the RIfS SSG.



Please read the information about the call carefully before nominating. Deadline for nominations is: 12:00 UTC on Thursday 31 October 2024.

[Read more and nominate here.](#)



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