The 1st Southeast Asia Regional Climate Downscaling (SEACLID) / CORDEX Southeast Asia Workshop

Jakarta – Indonesia, 18-20 November 2013

SEACLID/CORDEX-SEA Domain

Background

The IPCC in 2007 reported that mean temperature in the Southeast Asia (SEA) region is projected to increase 2 – 5°C while mean precipitation is likely change significantly by the end of the 21st century. Likewise the IPCC SREX 2010 Report indicated more frequent extreme events by the end of the 21st century over this region. Hence, with a population of more than half a billion and low adaptive capacity, SEA region is highly vulnerable to climate change impacts. With potential impacts and increasing risks to disasters due to climate change, high-resolution climate change projection scenarios are essential for the region to analyze the range of potential climatic impacts and range of adaptation measures. However, the general circulation models are too coarse to resolve the complexity of regional climate in the SEA region due to its complex landmasses distribution and regional scale processes with existence of many islands and strong air-sea-land interaction. The demand for such high-resolution climate change scenarios based on the latest CMIP5 GCMs is increasing over this region. Hence, there is an urgent need to construct such products through regional climate downscaling.

Despite the increasing number of organized regional climate downscaling activities in most regions of the globe under the CORDEX umbrella, the regional climate downscaling activity in the SEA region is minimal and uncoordinated. Realizing this, in August 2012, a group of scientists from five countries (i.e., Indonesia, Malaysia, the Philippines, Thailand, and Vietnam) assembled themselves at a workshop hosted by the VNU Hanoi University of Science and subsequently formed the Southeast Asia Regional Climate Initiative (SEARCI), a platform for regional cooperation on climate related research. Subsequently under this initiative, a proposal on regional climate downscaling for the Southeast Asia region, coined as the Southeast Asia Regional Climate Downscaling (SEACLID) Project and headed by Prof. Fredolin Tangang of the National University of Malaysia, was developed and submitted to APN. In addition to the five countries, two additional country members namely Cambodia and Lao PDR were added. The project has successfully secured an APN funding under the ACRP Programme for three years starting October 2013. Recently SEACLID has been incorporated into CORDEX and now known as the CORDEX Southeast Asia (CORDEX-SEA) with Prof. Tangang as its coordinator.
A number of workshops has been planned for SEACLID / CORDEX-SEA with the first is going to be held in Jakarta from 18-20 November 2013 and to be hosted by the Indonesian Meteorological and Geophysical Agency (BMKG). This is a project launching and preparatory workshop. Representatives from countries involved, CORDEX, CORDEX South Asia, CORDEX East Asia will be invited to this workshop. In addition, potential collaborators in CORDEX-SEA will also be invited. Potential end-users and policy makers are welcomed for their useful inputs.

Objectives

The objectives of the workshop:
1. To discuss preparatory details of the project including results of ongoing sensitivity runs and potential inputs from end-users
2. To provide a platform for coordination meeting and synergies among countries involved and CORDEX South Asia and CORDEX East Asia
3. To explore collaboration with potential partners within and outside the region particularly in issues related to availability of computing resources for additional runs

Participation & Registration

Interested participants will be required to fill up and submit the registration form by emailing it to dyahlukitasari@yahoo.com and ratna.satyaningsih@bmkg.go.id by 1 October 2013.

Further Information
Enquiries for further information may be sent by email to:
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3. Mrs. Dyah Lukitasari
4. Ms. Ratna Satyaningsih
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REGISTRATION FORM

The 1st Southeast Asia Regional Climate Downscaling (SEACLID) / CORDEX Southeast Asia Workshop

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