
**Proposal Preparatory Workshop for a Pilot Project on Climate Change Impact
Assessment on Rice in Southeast Asia using SEACLID/CORDEX
Southeast Asia Output Products
September 22 – 23, 2014, Ramkhamhaeng University
Bangkok, THAILAND**

1. Rationale

The Southeast Asia is one of the most vulnerable region to climate change. However, potential impacts/vulnerabilities in key sectors such as agriculture, food security and water resources, have not been assessed comprehensively. This is largely due to both lack of knowledge/understanding on future regional climate change and lack of availability of high-resolution future regional climate change scenarios. The SEACLID/CORDEX Southeast Asia project (<http://www.ukm.edu.my/seaclid-cortex>) is an ongoing project funded by the Asia Pacific Network (APN) that aims to downscaling multiple general circulation models and produce high-resolution regional future climate change scenarios data products. The products would eventually serve as input data requirement for climate change impact assessment studies on various sectors in the region. However, a study on impact assessment and adaptation of climate change, especially on agricultural sector such as rice production, requires a close collaboration between researchers from the community of regional climate modeling and scientists from impact study groups within the region. During the Second Workshop of SEACLID/CORDEX Southeast Asia, which was held at Ramkhamhaeng University, Bangkok, from June 9 – 10, 2014, it was decided that a Pilot Project on Climate Change Impact Assessment on Rice in the Southeast Asia region should be established and carried out using SEACLID/CORDEX Southeast Asia product outputs. This will provide a platform for scientists within the region to collaborate in assessing the impact of climate change on rice in the Southeast Asia region. A workshop aims to formulate a proposal, to identify potential collaborators as well as funders, is proposed to be held during September 22 – 23, 2014 at Ramkhamhaeng University, Bangkok, Thailand. This workshop is jointly organized by Ramkhamhaeng University, Chiang Mai University, Thailand Research Fund (TRF), Asia Pacific Network (APN), the National University of Malaysia, and WCRP CORDEX.

2. Objectives

- To establish an Impact, Adaptation and Vulnerability (IAV) collaborative research network in Southeast Asia focusing on the study of impacts and adaptation of climate change in agricultural sector, especially rice production in the region.
- To develop a draft proposal on the impacts and adaptation of climate change on rice production in Southeast Asia region.
- To discuss data requirement (format, variables, etc) for impacts and adaptation study from the SEACLID/CORDEX Southeast Asia outputs.

3. Target output

- IAV collaboration research network among participants from Southeast Asia countries, particularly on rice.
- Draft proposal of the pilot project.

- Structure and plan for the pilot project including data requirement from SEACLID /CORDEX Southeast Asia.

4. Participation

Participants invited to this workshop include 8 participants from 6 Southeast Asia countries, the SEACLID/CORDEX Southeast Asia coordinator, 2 from related institutes and 15 participants from Thailand. Tentative list of participants:

- Cambodia:** Dr. Ouk Makara*
Director CARDI
Email: ou.makara13@gmail.com
- Indonesia:** Prof. Rizaldi Boer*
Bogor Institute of Agriculture, Indonesia
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- Prof. Dr. Fredolin Tangang*
SEACLID/CORDEX Southeast Asia Project Coordinator
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- The Philippines:** Dr. Evangeline B. Sibayan*
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- Dr. Phan Thi Cong*
Institute of Agricultural Science for southern Vietnam (IAS)

Hochiminh City, Vietnam

IRRI:

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International Rice Research Institute (IRRI)
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Japan:

Dr. Kazuyuki Yagi
Agriculture, Forestry and Fisheries Research Council (AFFRC)
Email: kyagi@affrc.go.jp

Thailand:

Ms. Supranee Jongdeepaisarl,
Thailand Research Fund (TRF)

Assoc. Prof. Dr. Attachai Jintrawet*
Chiang Mai University (CMU)

Assoc. Prof. Dr. Sucharit Koontanakulvong
Chulalongkorn University (CU)

Dr. Chitnucha Buddhagoon*
SakonNakhon Rice Research Centre

Dr. Somkiat Apipattanavis
Royal Irrigation Department

Assoc. Prof. Dr. Amnat Chidthaisong
King Mongkut's University of Technology Thonburi (KMUTT)

Dr. Assamon Limsakul
Environmental Research and Training Centre (ERTC)

Assoc. Prof. Dr. Kansri Boonpragob
Asst. Prof. Dr. Jerasorn Santisirisomboon
Asst. Prof. Dr. Jaruthat Santisirisomboon
Dr. Waranyu Wongseree
Dr. Yod Sukamongkol
Ms. Siriwarin Petcharath
Dr. Kamphol Promjiraprawat
Mr. Prayat Lewan
Ramkhamhaeng University (RU)

5.0 Workshop Venue and Accommodation

The workshop will be held at the Faculty of Science, Ramkhamhaeng University. Participants will be accommodated at the 941 hotel (email: info@941hotel.com)

6.0 Tentative Schedule

Day	Session	Activities
1 (21 September 2014)		Participants arrival
2 (22 September 2014)	Morning session	Opening address
		Background idea of the project & Introduction to SEACLID / CORDEX Southeast Asia project
		Presentation of each country on impacts and other relevant study
	Afternoon session	Brainstorming of the scope of the study and methodologies
3 (23 September 2014)	Morning session	To discuss and formulate a draft proposal
	Afternoon session	To discuss and formulate a draft proposal
		Conclusion and closing
4 (24 September 2014)		Participants depart

7.0 Funding

Travel funding for some participants (*marked with asterisk in participant list*) from Southeast Asia countries will be supported using the SEACLID/CORDEX Southeast Asia APN funding [ARCP2013-17NMY-Tangang].