

Intra-Seasonal Climate Predictions for Sri Lanka and Maldives for Water Resources Management

Duration: April 2014 – March 2015

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Summary:

During this period, we continued with our operational work in weather observations, harnessing satellite data, undertaking climate monitoring and predictions, undertaking climate services, research into Intra-Seasonal oscillations and vulnerability to water scarcity and preparing documents for publications and consultations with partners in Sri Lanka and Maldives.

Publications:

- Prabodha Agalawatte, Lareef Zubair, Climate Change Projections for Sri Lanka under a high emissions scenario, Presented Annual Congress of the Post-Graduate Institute for Science, University of Peradeniya, 2014.
- Zubair, L et al., Climate Change Impacts on Rice Farming Systems in North-West Sri Lanka, Annual Meeting of the Agronomy Society of America, Long-Beach, CA, USA Nov 2014.
- Zubair, L. and P. Agalawatte, Climate Change Assessments for Sri Lanka in the Mid-Twenty First Century from CMIP5, Fall Meeting of the American Geophysical Union, San Francisco, December 2014.
- Zubair L. & et al. (2015). Climate Change Impacts on Rice Farming Systems in Northwestern Sri Lanka. Handbook of Climate Change and Agro ecosystems: The Agricultural Model Intercomparison and Improvement Project (AGMIP). Joint publication with ASA, CSSA, and SSSA. Imperial College Press. In Press.
- McDermid, S., Agalawatte, P., Wijekoon, E, Zubair L. et al. (2015). The AgMIP Coordinated Climate-Crop Modeling (C3MP): Methods and Protocols. Handbook of Climate Change and Agro ecosystems: The Agricultural Model Intercomparison and Improvement Project (AGMIP). Joint publication with ASA, CSSA, and SSSA. Imperial College Press. In Press.

Work shop and training:

Prabodha Agalawatte participated at the training workshop on Climate Change Downscaling Approaches and Applications (CCDAA) organized by the United Nations University- Institute for the Advanced Study of Sustainability (UNU- IAS), Japan in collaboration with the Sri Lanka Institute of Information Technology (SLIIT), Sri Lanka, held from the at SLIIT Metro campus, Colombo. 30th of March to 3rd of April 2015.

Presentations :

Lareef Zubair was invited by USAID Sri Lanka/Maldives Environmental Officer Jeanette Normand to conduct a colloquium on the occasion of World Water Day. He presented on 'Environmental Threats for Kandy, the Mahaweli River Basins and Sri Lanka' at the American Corner Kandy, to Commemorate and celebrate World Water Day' organized by the American Corner, on 22nd March, 2015.