

**Second Workshop on Climate Change, Variability and Modeling over Central America and Mexico**  
**School of Physics and Center for Geophysical Research, University of Costa Rica, San José, Costa Rica, 14 -18 November 2016**

<b>Monday (14 November)</b>	<b>Tuesday (15 November)</b>	<b>Wednesday (16 November)</b>	<b>Thursday (17 November)</b>	<b>Friday (18 November)</b>
<b>Welcome and Introduction to RegCM model</b>	<b>North American Monsoon Session</b>		<b>Central America and Mexico Session</b>	<b>General Session</b>
07:45-08:15 Registration	08:15-09:00 Regional climate modeling in Central America, Mexico, and the Caribbean (T. Cavazos)	08:00-13:00 Visit to Irazú (or Poás) Volcán (the former depends on Turrialba Volcán activity)	08:15-09:00 Analysis of mid-summer drought over Mexico and Central America for a 34-year long (1979-2012) RegCM4 simulations. (M. Méndez)	08:15-09:00 Sensitivity of Tropical Cyclones to Resolution, Convection Scheme and Ocean Flux Parameterization over Eastern Tropical Pacific and Tropical North Atlantic Oceans in RegCM4 Model (R. Fuentes-Franco)
08:15-08:45 Welcome <b>Hugo Hidalgo</b> (CIGEFI-UCR) <b>Filippo Giorgi</b> (ICTP) <b>Fernando García</b> (Vice-President for Research, UCR)				
09:00-09:45 Theory and use of Regional Climate Models (F. Giorgi)	09:00-09:45 Evaluating changes in extreme events during the North American Monsoon using convective-permitting regional atmospheric modeling (C. Castro)		09:00-09:45 Sensitivity of precipitation and atmospheric low-level circulation patterns to domain size in RegCM.v.4.4 over Central America. (E. Rivera, J. A. Amador, F. Sáenz, and J. J. Vargas)	09:00-09:45 RecCM model applications to climate analysis, forecasting and future climate projections at University of Sao Paulo (T. Ambrizzi)
09:45-10:30 The ICTP's Regional Climate Model RegCM4 (F. Giorgi)	09:45-10:30 CORDEX and the North American Monsoon: Does domain size matter? (R. Cerezo-Mota)		09:45-10:30. The patterns of meteorological fields to identify intraseasonal precipitation variability in Central America (K. Lee)	09:45-10:30 <b>Presentations from participants</b>
10:30-11:00 <b>Coffee Break</b>	10:30-11:00 <b>Coffee Break</b>		10:30-11:00 <b>Coffee Break</b>	10:30-11:00 <b>Coffee Break</b>
11:00-12:30 Introduction to the RegCM4 system (G. Giuliani)	11:00-12:30 Regional Climate Model Evaluation System (RCMES) training session (K. Lee)		11:00-11:45 High resolution simulations of present and future climate over Central America and Mexico. (S. Rauscher)	10:30-12:30 <b>Presentations from participants</b>
			11:45-12:30 Land-atmosphere coupling in the Central America region. (R Arritt)	
12:30-13:45 <b>Lunch</b>	12:30-13:45 <b>Lunch</b>	13:00-13:45 <b>Lunch</b>	12:30-13:45 <b>Lunch</b>	12:30-13:45 <b>Lunch</b>
13:45-16:00 <b>Laboratory session</b>	13:45-16:00 <b>Laboratory session</b>	13:45-16:00 <b>Laboratory session</b>	13:45-16:00 <b>Laboratory session</b>	13:45-14:30 <b>Presentations from participants</b>
16:00-16:30 <b>Coffee break</b>	16:00-16:30 <b>Coffee break</b>	16:00-16:30 <b>Coffee break</b>	16:00-16:30 <b>Coffee break</b>	14:30-15:30 <b>Closing remarks</b>
16:30-17:30 <b>Laboratory session</b>	16:30-17:30 <b>Laboratory session</b>	16:30-17:30 <b>Laboratory session</b>	16:30-17:30 <b>Laboratory session</b>	