

Joint ICTP-Trieste/ICTP-SAIFR Advanced School on Regional Climate Modeling over South America

	Monday, Feb. 15	Tuesday, Feb. 16	Wednesday, Feb. 17	Thursday, Feb. 18	Friday, Feb. 19
8:30-9:30	Registration	-	-	-	-
9:30-10:00	Erika Coppola Regional Earth System Climate modelling at ICTP: current status and future prospective	Erika Coppola Added value of Regional climate modelling. Where to look for it and how: two examples from Med and EURO-CORDEX ensemble.	Tercio Ambrizzi General Circulation Patterns from Large to Regional Scale: Impacts on South America	Santiago Cuadra Assessment of Climate change impacts on grain crops for the Southern Brazil – projections from SA CORDEX and CMIP5	Lab Session G.Giuliani L. Mariotti M. Llopart
10:00- 10:30	Rosmeri da Rocha A review of applications by GreC-USP of RegCM model to climate analysis, forecasting, and future projections over South America	Laura Mariotti Seasonal and intraseasonal changes of African monsoon climates in 21st century CORDEX projections	Iracema Cavalcanti South America precipitation analysis using Regional Models	Maria Elisa Silva Local and remote climatic impacts due to land use degradation in the Amazon “Arc of Deforestation”	Lab Session G.Giuliani L. Mariotti M. Llopart
10:30-11:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:00-11:30	Silvina Solman Multiscale analysis of precipitation variability over South America: A preliminar analysis of the added value of RCMs.	Michelle Reboita Cyclones over Southwestern South Atlantic Ocean: downscale with RegCM4	Marcelo Barreiro Variability of summertime transient eddy propagation over South America	Participants presentations Francisco Junior - Regional Climate Simulations and impacts on Northern and Northeastern Brazil Pablo Borges - <i>tba</i> Romina Ruscica – Land surface – atmosphere interaction in southeastern South America	Chou Downscaling of climate change projections over Southeast Brazil.
11:30-12:00	Marta Llopart <u>Climate change impact on precipitation for the Amazon and La Plata basins</u>	Julio Pablo Fernandez Impact of global warming on the vegetation in South America from regional climate model simulations.	Laura Mariotti The Regional Earth System Model (RegESM) using RegCM4 coupled with the MITgcm ocean model		Lab Session G.Giuliani L. Mariotti M. Llopart
12:00-14:00	Lunch Time	Lunch Time	Lunch Time	Lunch Time	Lunch Time
14:00-19:00	RegCM4 Tutorial G.Giuliani L. Mariotti M. Llopart	RegCM4 Tutorial G.Giuliani L. Mariotti M. Llopart	Lab Session G.Giuliani L. Mariotti M. Llopart	Lab Session G.Giuliani L. Mariotti M. Llopart	Groups presentations
19:00-21:00		Ice break			