



**Second Workshop on Regional Climate Modeling and Extreme Events over
South America
November 5-9, 2018, São Paulo**

Day 01 – Monday, 5 November 2018

09h00 – 09h30	- Registration
09h30 – 10h00	- Speaker: Erika Coppola (ICTP, Trieste, Italy) Workshop Objectives and Expected Outcomes
10h00 – 10h30	- Speaker: Silvina Solman (UBA, Argentina) “At which scales can added value be expected in Regional Climate Models?” – “CORDEX overview”
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	- Speaker: Maria Laura Bettolli (UBA, Argentina) “Statistical Downscaling in La Plata Basin”
11h30 – 12h00	- Speaker: Michelle Reboita (UNIFEI, Brazil) "Synthesis of some climate studies in South America with RegCM4"
12h00 – 14h00	<i>Lunch break</i>
14h00 – 14h30	Speaker: Graziano Giuliani (ICTP, Trieste, Italy)
14h30- 18h00	RegCM4 Tutorial (computer room) Professors: Graziano Giuliani (ICTP/Trieste), Rosmeri Porfirio da Rocha (USP, Brazil), Erika Coppola (ICTP/Trieste), Marta Llopart (UNESP, Brazil)

Day 02 – Tuesday, 6 November 2018

09h30 – 10h00	- Speaker: Radan Huth (Charles University in Prague) - “Statistical downscaling: a short excursion to history, current state, some challenges”
10h00 – 10h30	- Speaker: Rosmeri Porfirio da Rocha (USP, Brazil) "RegCM applications in South America: from regional to local features of climate "
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	- Speaker: Erika Coppola (ICTP, Trieste, Italy) “Convection permitting climate studies: where we are and what we are doing - European FPS”
11h30 – 12h00	- Speaker: Chou Sin Chan (INPE, Brazil) "Downscaling projections of climate change over South America and Central America under RCP4.5 and RCP8.5 emission scenarios"
12h00 – 14h00	<i>Lunch break</i>
14h00 – 14h30	Speaker: Raffaele Francesca (ICTP, Trieste, Italy) "Which is the best metric to use to answer my science question?"
14h30 – 18h00	RegCM4 Tutorial (computer room)

	Professors: Graziano Giuliani (ICTP/Trieste), Rosmeri Porfirio da Rocha (USP, Brazil), Erika Coppola (ICTP/Trieste), Marta Llopart (UNESP, Brazil)
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Day 03 – Wednesday, 7 November 2018

09h30 – 10h00	- Speaker: Tercio Ambrizzi (USP, Brazil) "Global Climate Change: Impacts and Projections for Sao Paulo"
10h00 – 10h30	- Speaker: Marta Llopart (UNESP, Brazil) "Evaluation of RegCM4 simulations over South America CORDEX domain – focusing on the AMZ and LPB Basins"
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	- Speaker: Jan Stryhal (Charles University in Prague) "Validation of Atmospheric Circulation in CMIP5 GCMs over Southern South America"
11h30 – 12h00	- Speaker: Radan Huth (Charles University in Prague) "Comparison between RCM and ESD with focus on validation of temporal and spatial behavior of downscaled variables"
12h00 – 14h00	<i>Lunch break</i>
14h00 – 14h30	Speaker: Graziano Giuliani (ICTP, Trieste, Italy)
14h30 - 18h00	RegCM4 Tutorial (computer room) Professors: Graziano Giuliani (ICTP, Trieste, Italy), Rosmeri Porfirio da Rocha (USP, Brazil), Marta Llopart (UNESP, Brazil)

Day 04 – Thursday, 8 November 2018

09h30 – 10h00	- Speaker: Moira Evelina Doyle (UBA/CONICET, Argentina) "Using VIC model to estimate streamflow from downscaled data"
10h00 – 10h30	- Speaker: Santiago Vianna Cuadra (EMBRAPA, Brazil) - "Bias correction for applied projections - climate change's impacts on agriculture"
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	- Speaker: Rita Ynoue (USP, Brazil) "Modeling Air Quality in São Paulo with WRF-CHEM"
11h30 – 12h00	Speaker: Marcelo Barreiro (UdelaR, Uruguay) - "Regional climate dynamics and air-sea interaction"
12h00 – 14h00	<i>Lunch break</i>
14h00 – 18h00	Statistical downscaling Tutorial (computer room) Professors: Maria Laura Bettolli (UBA, Argentina), Moira Evelina Doyle (UBA/CONICET, Argentina)

Day 05 – Friday, 9 November 2018

09h30 – 10h30	Statistical downscaling Tutorial (computer room) - Professors: Maria Laura Bettolli (UBA, Argentina), Moira Evelina Doyle (UBA/CONICET, Argentina) -
10h30 – 11h00	<i>Coffee break</i>
11h00 – 12h00	- Computer Room
12h00 – 14h00	<i>Lunch break</i>

14h00 – 18h00	Finalization and Presentation of participant projects from RegCM4 Tutorial and Statistical downscaling Tutorial (computer room)

2 coffee breaks per day: 10h30 – 11h00 and 15h30 – 16h00

Institutions involved in the proposal:



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FACULTY OF SCIENCE
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