

### Day 01 – Monday, 5 November 2018

09h00 – 09h30	- Registration
09h30 – 10h00	- Speaker: <b>Erika Coppola</b> (ICTP, Trieste, Italy) - Workshop Objectives and Expected Outcomes
10h00 – 10h30	- Speaker: <b>Silvina Solman</b> (UBA, Argentina) "CORDEX SAM overview"
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	- Speaker: <b>Rosmeri Porfírio da Rocha</b> (USP, Brazil)
11h30 – 12h00	- Speaker: <b>Michelle Reboita</b> (UNIFEI, Brazil) "Synthesis of some climate studies in South America with RegCM4"
12h00 – 14h00	<i>Lunch break</i>
14h00 – 14h30	Speaker: <b>Graziano Giuliani</b> (ICTP, Trieste, Italy)
14h30- 18h00	<b>RegCM4 Tutorial</b> (computer room) Professors: <b>Graziano Giuliani</b> (ICTP/Trieste), <b>Rosmeri Porfírio da Rocha</b> (USP, Brazil), <b>Erika Coppola</b> (ICTP/Trieste), <b>Marta Llopart</b> (UNESP, Brazil)

### Day 02 – Tuesday, 6 November 2018

09h30 – 10h00	- Speaker: <b>Radan Huth</b> (Charles University in Prague) - "Statistical downscaling: a short excursion to history, current state, some challenges"
10h00 – 10h30	Speaker: <b>Maria Laura Bettolli</b> (UBA, Argentina) "CORDEX-ESD overview/Flagship Pilot Study" - "ESD in South America"
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	- Speaker: <b>Erika Coppola</b> (ICTP, Trieste, Italy) "Convection permitting climate studies: where we are and what we are doing - European FPS"
11h30 – 12h00	- Speaker: <b>Chou Sin Chan</b> (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: <b>Raffaele Francesca</b> (ICTP, Trieste, Italy) "Which is the best metric to use to answer my science question?"
14h30 – 18h00	<b>RegCM4 Tutorial</b> (computer room) Professors: <b>Graziano Giuliani</b> (ICTP/Trieste), <b>Rosmeri Porfírio da Rocha</b> (USP, Brazil), <b>Erika Coppola</b> (ICTP/Trieste), <b>Marta Llopart</b> (UNESP, Brazil)

### Day 03 – Wednesday, 7 November 2018

09h30 – 10h00	<ul style="list-style-type: none"> <li>- Speaker: <b>Tercio Ambrizzi</b> (USP, Brazil)</li> <li>- "Global Climate Change: Impacts and Projections for Sao Paulo"</li> </ul>
10h00 – 10h30	<ul style="list-style-type: none"> <li>- Speaker: <b>Marta Llopart</b> (UNESP, Brazil)</li> </ul>
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	<ul style="list-style-type: none"> <li>- Speaker: <b>Jan Stryhal</b> (Charles University in Prague) "Validation of Atmospheric Circulation in CMIP5 GCMs over Southern South America"</li> </ul>
11h30 – 12h00	<ul style="list-style-type: none"> <li>- Speaker: <b>Radan Huth</b> (Charles University in Prague) "Comparison between RCM and ESD with focus on validation of temporal and spatial behavior of downscaled variables"</li> </ul>
12h00 – 14h00	<i>Lunch break</i>
14h00 – 14h30	Speaker: <b>Graziano Giuliani</b> (ICTP, Trieste, Italy)
14h30 - 18h00	<b>RegCM4 Tutorial</b> (computer room) Professors: <b>Graziano Giuliani</b> (ICTP, Trieste, Italy), <b>Rosmeri Porfirio da Rocha</b> (USP, Brazil), <b>Marta Llopart</b> (UNESP, Brazil)

### Day 04 – Thursday, 8 November 2018

09h30 – 10h00	<ul style="list-style-type: none"> <li>- Speaker: <b>Maira Evelina Doyle</b> (UBA/CONICET, Argentina) "Using VIC model to estimate streamflow from downscaled data"</li> </ul>
10h00 – 10h30	<ul style="list-style-type: none"> <li>- Speaker: <b>Santiago Vianna Cuadra</b> (EMBRAPA, Brazil)</li> <li>- "Bias correction for applied projections - climate change's impacts on agriculture"</li> </ul>
10h30 – 11h00	<i>Coffee break</i>
11h00 – 11h30	<ul style="list-style-type: none"> <li>- Speaker: <b>Rita Ynoue</b> (USP, Brazil) "Modeling Air Quality in São Paulo with WRF-CHEM"</li> </ul>
11h30 – 12h00	<ul style="list-style-type: none"> <li>- Speaker: <b>Marcelo Barreiro</b> (UdelaR, Uruguay)</li> <li>- "Regional climate dynamics and air-sea interaction"</li> </ul>
12h00 – 14h00	<i>Lunch break</i>
14h00 – 18h00	<b>Statistical downscaling Tutorial</b> (computer room) Professors: <b>Maria Laura Bettolli</b> (UBA, Argentina), <b>Maira Evelina Doyle</b> (UBA/CONICET, Argentina)

### Day 05 – Friday, 9 November 2018

09h30 – 10h30	<b>Statistical downscaling Tutorial</b> (computer room) <ul style="list-style-type: none"> <li>- Professors: <b>Maria Laura Bettolli</b> (UBA, Argentina), <b>Maira Evelina Doyle</b> (UBA/CONICET, Argentina)</li> </ul>
10h30 – 11h00	<i>Coffee break</i>
11h00 – 12h00	- Computer Room
12h00 – 14h00	<i>Lunch break</i>
14h00 – 18h00	<b>Finalization and Presentation of participant projects from RegCM4 Tutorial and Statistical downscaling Tutorial</b> (computer room)

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

Institutions involved in the proposal:



UNIVERSIDAD  
DE LA REPÚBLICA  
URUGUAY



FACULTY OF SCIENCE  
Charles University

