



UMI-IFAECI



CORDEX Central America and South America Training Workshop on Downscaling Techniques

La Paz, Bolivia, June 25-27 2018

INFORMATION

Please find below relevant information for the **poster session** and for the **training activities**.

1. Poster guidelines

- **Poster display:** Posters should be on display from Tuesday 26th 8:30 am until Wednesday 27th 3:00 pm.

Participants are encouraged to put up the posters on the poster-display area on Tuesday 26th before the beginning of Session 3 (8:30 AM to 9:00 AM). Posters should be taken off on Wednesday 27th before Session 8 (3:00pm to 3:15 pm).

The posters that will be not removed during the appropriate time will be recycled.

- **Poster format:** Maximum poster dimensions are 120 cm (height) x 90 cm (width) = A0 in PORTRAIT. Poster areas will be equipped with poster boards and material to hang your poster.
- **TIPS for your poster:**

Posters should be readable by viewers two meters away. The message should be clear and understandable even without oral explanation. The following guidelines have been prepared to help improve the effectiveness of poster communication.

 - **The abstract:** The presentation must cover the material as cited in the corresponding submitted abstract and use the official abstract title as submitted and make it easy to read.

Complement the title with a short abstract that conveys your main message and attracts people passing by.

- **Organize your material** into sections; give each section a sentence heading summarizing it.
- Create an **attractive design** with lots of white space.
- Use the **same artistic style** throughout your poster.
- **Limit details** that don't contribute directly to your main message.
- **Eye Movement:** The movement (pathway) of the eye over the poster should be natural, down the columns from left to right. Size attracts attention. Arrows, pointing hands, numbers, and letters can help clarify the sequence.
- **Place the title on top** of your poster together with the author's names.
- Highlight the **author's names, e-mails, and address information** in case the viewer is interested in contacting you for more information and/or provide a card or handout with your contact information (name, phone, email)
- **Topography:** Avoid abbreviations, acronyms, and jargon. Use a consistent font throughout. Use type size that is readable from 2 m away. Title text should be at least 54pt, headings at least 36pt, and body text at least 28pt. If several people gather around your poster, they should all be able to read the text simultaneously.
- **Use graphics** as much as possible to get your message across. Prepare all diagrams or charts neatly and legibly.
- **Simplicity:** Resist the temptation to overload the poster. More material may mean less communication.

➤ **Poster Prize**

Participants presenting posters will be eligible to be recognized for outstanding poster awards. A distinguished review committee integrated by the invited speakers will review and identify outstanding posters. This competition will provide a great opportunity to advocate the research among the community. Awards will be presented to the best posters during the closing session of the workshop on the **27th of June**. The presentations of the highest quality posters will be awarded with a CORDEX certificate and the awarded posters will be displayed in the CORDEX web site (www.cordex.org).

2. Preparation for the Training sessions

As indicated in the notification letters, the organizers of the Training Workshop strongly request participants to bring their own laptops for the activities planned for the training sessions.

Here you will find some recommendations to prepare your laptops before the meeting in order to follow the training activities. This is a preliminary list of software recommendation. Please check the Workshop web page regularly for updated information.

Recommended software:

- Linux operating system
- Climate Diagnostics operator tool (cdo)
- GrADS

Instructions to prepare your notebook for Session 2: Training Part 1 - Monday June 25th

In order to perform the training session, the following tools should be already installed in your laptops: R, RStudio and the package Climate4R. You can find the installation files and all necessary information regarding installation according to your operating system at the following links:

- 1) Installing R: follow the instructions at <https://cran.r-project.org/>
- 2) Installing RStudio: follow the instructions at <https://www.rstudio.com/products/rstudio/download/>
- 3) Installing climate4R: <https://www.meteo.unican.es/en/climate4R> climate4R is a bundle of four R packages developed by the Santander Meteorology Group: loaderR, transformerR, downscaleR and visualizeR. In order to install the four packages, please follow the instructions given at: Installing loaderR: <https://github.com/SantanderMetGroup/loaderR/wiki/Installation> Installing transformerR: <https://github.com/SantanderMetGroup/transformerR/wiki/Installation> Installing downscaleR: <https://github.com/SantanderMetGroup/downscaleR/wiki/Installation> Installing visualizeR: <https://github.com/SantanderMetGroup/visualizeR/wiki/Requirements-and-Installation>

In case you have any problems please contact Maria Laura Bettolli at bettolli@at.fcen.uba.ar

Instructions to prepare your notebook for Session 5: Training Part 2 - Tuesday June 26th

Prior to workshop students are asked to:

- 1) Download and install SDSM version 4.2.9 from:
<https://sdsml.org.uk/software.html>
- 2) Carry station data such as daily maximum temperature, minimum temperature and rainfall. Select two stations if possible. Data should be from 1961 and be at least 30 years in length.
- 3) Download predictors from:
<http://climate-scenarios.canada.ca/?page=pred-canesm2>
Enter your station Latitude and Longitude on the above link and retrieve data. Extract data to suitable file location.

Getting started:

- Ensure model is installed and for ease, create a shortcut on desktop.
- Ensure Grid box is downloaded and extracted to suitable file location.
- SDSM File format:
Predictand (i.e. station data for e.g. Tmax) should be

single column daily data starting from 1961.
Use -999 for any missing data.
Ensure predictand (station data) is .txt file.

In case you have any problem please contact Roxann STENNETT-BROWN at
roxann.stennett02@uwimona.edu.jm

Instructions to prepare your notebook for Session 6: Training Part 3 - Wednesday June 27th

The information will be provided during the training session.

Instructions to prepare your notebook for Session 7: Training Part 4 - Wednesday June 27th

Participants are requested to install the following software, preferably under Linux environment:

-Climate Diagnostics operator tool (cdo)

-GrADS

Should you have any question please send an email the Local Organizers .

In case you cannot bring your laptop with you, we appreciate if you could let us know sending an email to the Local Organizers .

Local Organizers:

Valeria Mardonez vmardonez@chacaltaya.edu.bo

Laura Ticona lticona@chacaltaya.edu.bo).
