3rd VALUE Training School: Spatial and Temporal Variability in Statistical and Dynamical Downscaling
Start Time: 3 November 2014
Ends on: 8 November 2014
Location: Trieste - Italy
Venue: Eklund computer lab

PLEASE NOTE:
- Participants are requested to present their own research in a short presentation (3 slides, 5 minutes) on Monday afternoon.

- Participants have to download the accompanying material:

Instructions: Download both files to your own computer, and follow the instructions in Rglimclim_Preparatory.pdf. Even if you are already familiar with R and RStudio, you must ensure that you have installed the necessary libraries (Sections 4 and 7 in the PDF file).
Any participants who are not familiar with R (or RStudio) must work through Sections 5 and 6 of the PDF file.

L: Lectures
T: Training

Monday, 3.11.:
8:30 - 9:00 REGISTRATION
9:00 - 10:30 L: Introduction to the Training School (Martin Widmann) Introduction to Downscaling, spatial and temporal variability in statistical and dynamical Downscaling (Martin Widmann)
10:30 - 11:00 coffee break
11:00 - 12:30 Introduction to RCMs (Erika Coppola)
12:30 - 14:00 Lunch
14:00 - 15:30 T: Presentation of own research by the participants
15:30 - 16:00 coffee break
16:00 - 17:30 T: Presentation of own research by the participants
19:00 - 21:00 Ice Breaker reception dinner

Tuesday, 4.11.:
9:00 - 10:30 L: PCA and coupled patterns (Martin Widmann)
10:30 - 11:00 coffee break
11:00 - 12:30 Spatial representation of RCMs and non-local MOS (Martin Widmann)
12:30 - 14:00 Lunch
14:00 - 15:30 T: RegCM training lab (Erika Coppola, ICTP)
15:30 - 16:00 coffee break
16:00 - 17:30 T: RegCM training lab (Erika Coppola, ICTP)

Wednesday, 5.11.:
9:00 - 10:30 L: Introduction to weather generators (Richard Chandler)
10:30 - 11:00 coffee break
11:00 - 12:30 Introduction to multisite, multivariate weather generators (Richard Chandler)
12:30 - 14:00 Lunch
14:00 - 15:30 T: Training with Rglimclim (Richard Chandler)
15:30 - 16:00 coffee break
16:00 - 17:30 T: Training with Rglimclim (Richard Chandler)

Thursday, 6.11.:
9:00 - 10:30 L: Asessing performance of weather generators (Richard Chandler)
10:30 - 11:00 coffee break
11:00 - 12:30 Assessing spatial variability in multisite weather generator (Richard Chandler)
12:30 - 14:00 Lunch
14:00 - 15:30 T: Training with Rglimclim (Richard Chandler)
15:30 - 16:00 coffee break
16:00 - 17:30 T: Training with Rglimclim (Richard Chandler)

Friday, 7.11.:
9:00 - 10:30 L: Validation of Regional Climate Models (Sven Kotlarski)
10:30 - 11:00 coffee break
11:00 - 12:30 L: Validation of Regional Climate Models (Sven Kotlarski)
12:30 - 14:00 Lunch
14:00 - 15:30 L: Validation of spatial aspects (Radan Huth)
15:30 - 16:00 coffee break
16:00 - 17:30 L: Validation of spatial aspects (Radan Huth)

Saturday, 8.11.:
9:00 - 10:30 L: Validation of temporal aspects (Radan Huth)
10:30 - 11:00 coffee break
11:00 - 12:30 L: Validation of temporal aspects (Radan Huth
12:30 - 14:00 Lunch
14:00 - 16:00 L: Wrap-up session (Sven Kotlarski and Radan Huth)