

Augsburg Meeting 21/05/14 - 22/05/14

Minutes WG4, 22/05/2014

Minute taker: Pedro Soares

Validation issues

- the selected indices were already chosen in the Prague meeting;
- it was consensual to divide in subsets for publications, but the discussion was dismissed;
- the computations should be done in the Portal

Experimental Setup

- Experiment 1: Perfect Predictor

a) gridded data

b) Station Data

c) Nested Station Data

d) Sub-daily data

- Experiment 2: Pseudo Reality

It was decided not to look to any event particularly

RCMs selection is an important issue, but problems due to the small number of models currently available

Extremes have to be addressed, but not of primary importance

A good ensemble has to take in account a good set of parameterisations to teach the models

- Spatial aspects of extremes

Madogram methods for extremes

Some research has to be done to find suitable methods (Douglas)

Computation of areas of extremes (Joanna)

- Inter-variable

SPI and SPEI (drought indices)

PDSI has been recognized to fail for climate change purposes

- About the presentation of results no issue was raised, besides the needs to end-users

- Shortcomings of methods for downscaling extremes

* Representation of spatial structure of extremes

* Gridbox to point values of extremes (to be addressed by Douglas, José and Pedro, maybe recurring to the Spanish grid)

* Alrun raised the question about local scales for end-users, from RCMs to local scales by probabilistic or stochastic methods

* Elke referred the issue of Stationary of Extremes and the difficulties for validation

* Sati mentioned the quantile mapping to bias correction, but was looked as out of scope here, and already well established