

Summary of session A3

- Dynamical downscaling (Deque):
 - Improve physics parameterizations for high resolution, and move to NH frameworks
 - Double nesting
 - Correction of LBC
- Statistical downscaling
 - Still very diverse methods so need of intercomparison
 - Transferability of the approaches to different contexts
 - Combining numbers with knowledge, increase dialogue with end users
- Uncertainty
 - Access to observations and combination with models
 - Critical evaluation of simulations to assess level of confidence
 - Evaluation of baseline and future climates for application to impacts
- Observations
 - Enhance model evaluation and development in a more visible context (need of funding)
 - Availability of model evaluation framework RCMES
- Metrics
 - Universal (transferable) metrics as well as Tailored metrics
 - PAN-CORDEX view of metrics
 - Emphasis on succinctness
- Archives
 - ESGF framework available, please use it and provide data
- Application talks on added value, extreme event attribution, overlapping regions, 3rd US assessment, statistical downscaling applications and portals