

Session report D7

Theme: Training on how to compare bias-corrected Regional Climate Models (RCMs) with Empirical Statistical Downscaling (ESD) for robust future climate change projections, exploring tools/products

Day and time: Sep 28, 2023, 14:30-17.00

Conveners: Hugo Lee, Rasmus Benestad, Abdelkader Mazghani, Kajsa Parding, Ian Brosnan, Alexander Goodman

Top Highlights

1. For the most part, session participants were able to follow along easily with the provided instructions and demonstration. The user interface was made simple enough and participants were familiar enough with general coding principles to be able to run the scripts.
2. Once participants reached the interactive part of the session, they were able to play along with the code and play around/explore with the data, simulations etc. on their own to further understand empirical statistical downscaling.
3. Data accessibility and code usage was not a barrier for this session, and, upon request, participants were able to retain their user accounts beyond the conference dates to be able to independently explore and examine the data/code for their own scientific purposes.
4. Hands-on workshops can be a great tool to demonstrate new models, code, etc. since participants can play around with the simulations to their own interests to a degree.
5. Making data more accessible allows for more creativity and greater scientific possibilities since scientists are not limited in the data they can use.