



CORDEX general status

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The Coordinated Regional Climate Downscaling Experiment (CORDEX) Scientific Vision is to advance and coordinate the science and application of regional climate downscaling through global partnership, which includes to better understand regional phenomena, to evaluate and improve models and techniques, to produce coordinated results and to foster communication and knowledge exchange. This global framework has led to common protocols for the development and inter-comparison of high-resolution projections and for how to archive and make accessible the results.

The scientific challenges first identified to act as guidance for CORDEX, with the aim to target specific regional fine-scale features, have been further refined and pilot studies launched to address them. Furthermore, to meet the needs of the IPCC and to further streamline the work and sharing of information in the CORDEX community, CORDEX CORE (the Common Regional Experiment framework) consisting of a succinctly structured core set of regional simulations is being developed.

In this presentation, we will provide an update on the status of the CORDEX activities and in particular on the current Flagship Pilot Studies and the CORDEX-CORE initiative.