



Downscaling - perspectives and challenges

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Downscaling provides end users with a means to assess the likely regional impacts of climate change. Although downscaling adds considerable value to projections from general circulation models, crucial gaps are the representation of extreme summer precipitation, sub-daily processes, full precipitation fields and small scale processes and feedbacks. The session "Geophysical downscaling methods" aims to integrate perspectives from meteorologists, climatologists, statisticians and hydrologists to address these gaps. This presentation is intended to highlight these gaps and give an outline of how the research presented in the session tackles them.