



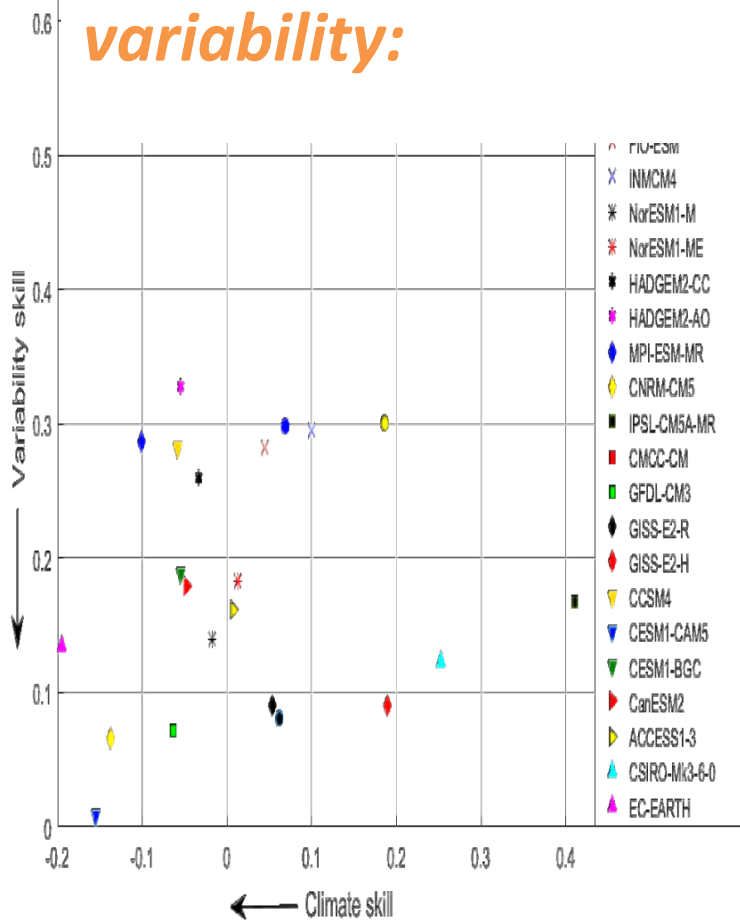
Climate  
Change

DECM

# The need for flexible selection of climate simulation sub-ensembles for impact assessment in a climate service

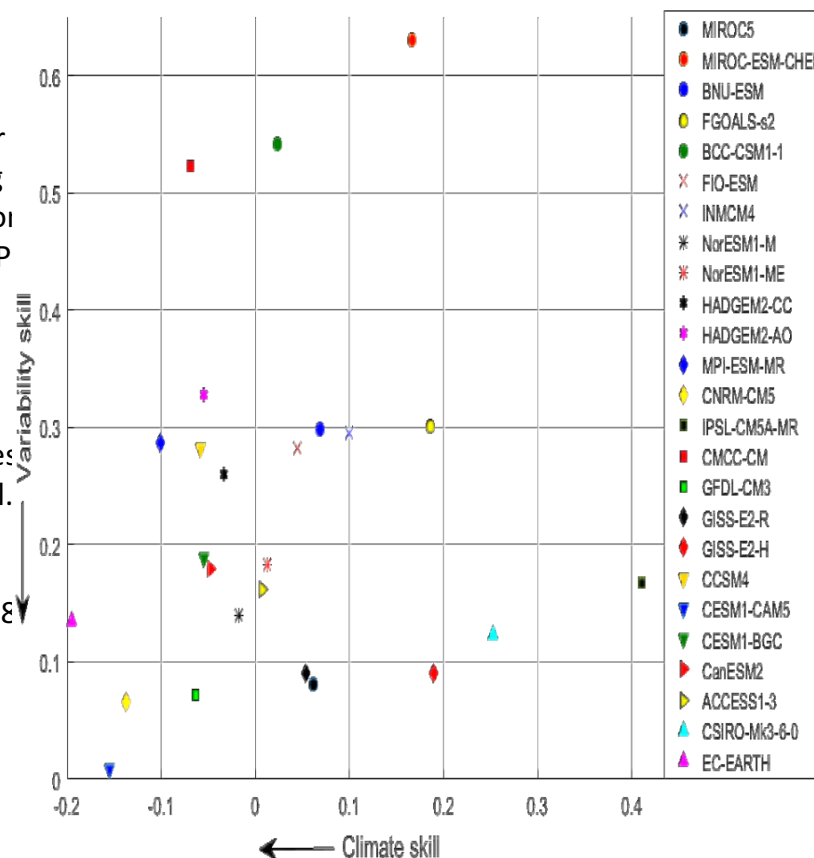
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**A skillful mean climate does not ensure a good temporal variability:**



CMIP5 model error measure according to a metric based on mean climate (MCP x-axis) versus a metric based on inter-annual variability (MVI, y-axis). Smaller values indicate better skill. The indices were calculated as in Gleckler et al. (2008) with a few modifications.

**Present-day bias does not correlate with climate change signal:**



CMIP5 model error measure according to a metric based on mean climate (MCPI, x-axis) versus a metric based on inter-annual variability (MVI, y-axis). Smaller values indicate better skill. The indices were calculated as in Gleckler et al. (2008) with a few modifications.