

The Asian-Australian Monsoon: Diagnostics and metrics for evaluating GCM simulations

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This work is presented on behalf of the CLIVAR Asian-Australian Monsoon Panel, who have been prioritizing diagnostics and metrics for the validation of global climate model simulations of the Asian-Australian monsoon. Monsoon onset, as well as subseasonal through interannual time scales will be evaluated with respect to reanalysis and satellite-derived observations. The diagnostics and metrics will be applied to present-day simulations from the Coupled Model Intercomparison Project-3 (CMIP-3). Pending availability, the skill of the CMIP-3 model simulations will be compared with those in the CMIP-5 archive to assess if improved skill has resulted from the development of the newest generation of climate models.