



CLIVAR/Commission for Climatology ETCCDMI contributions to studies of climate extremes

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The Joint CLIVAR/Commission for Climatology Expert Team on Climate Change Detection, Monitoring and Indices (ETCCDMI) has been coordinating an international effort to develop, calculate, and analyse a suite of indices using standardised software so that individuals, countries, and regions can calculate the indices in exactly the same way so that their analyses can fit seamlessly into the global picture. The Expert Team's focus has been threefold:

1. To develop and publicize indices and indicators of climate change and variability, with emphasis on the creation of indices of daily to seasonal extremes covering the global land surface using standardized software packages.
2. To compare modeled and observed indices, and report on the comparisons, with some emphasis on changing extremes.
3. To maintain plans for capacity building in developing countries, particularly through Workshops. In particular, to work closely with START on capacity building.

Workshops and the development of user-friendly analysis software have been key features of the work of the Expert Team. The Team have organized a number of capacity-building workshops in South America, Africa and Asia. These have analysed regional changes in extremes, contributed to a global extremes indices and other papers and were completed in time to provide input to IPCC AR4. Much of the work of ETCCDMI focused on indices of extremes, with a view toward detection of external influences on extremes, evidence for which is now becoming clear,

This poster will summarise the work of the team in relation to extreme events and its future foci.