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GEWEX Precipitation Activities within the Context of Extremes

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The Global Energy and Water cycle Experiment (GEWEX) is the core project in the World Climate Research Programme (WCRP) concerned with studying the dynamics and thermodynamics of the atmosphere and interactions with the Earth's surface. Many activities are currently undertaken regarding precipitation. Within the framework of GEWEX there is currently a strong focus shift towards monsoons and extremes as part of the WCRP Cross-Cuts. In particular the activities with respect to precipitation and how they fit within the extreme cross-cut is of importance. Therefore this presentation will focus on the current and planned activities, the available data sets and the plans for the near future with respect to precipitation and extremes within GEWEX context.