



## Water and Energy Balances in the Colombian Caribbean Catchment Basin

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The climatology of the Caribbean Catchment Basin in Colombia, South America, is analized in terms of the water and energy balances, with focus on temperature, precipitation and climate change signal. This is done by using several information sources such as observations, reconstructed data, NCEP/NCAR and ERA reanalyses and data from the regional model REMO, developed at the Max-Planck Institute for Meteorology. Some systematic errors are identified, they are related with the way datasets are generated. Additionally, the datasets that better describe the climatology on the Catchment are identified.