**Evaluation of satellite-based precipitation estimates over the tropical oceans**

Accurate estimates of precipitation are crucial for a wide range of applications from hydrology to climatology. Following the launch of the Earth-observation satellites, precipitation estimation techniques advanced tremendously and more than a dozen of multi-satellite precipitation products are available nowadays. A comprehensive evaluation of these high-resolution multi-satellite precipitation products are very important for their integration to any specific application. The global oceans play a key role in the hydrological cycle and receive a substantial part of the global precipitation. The aim of this project is to evaluate high-resolution multi-satellite precipitation estimates at multiple spatiotemporal scales over the data-sparse tropical oceanic regions against available buoy observations.