



## Surface energy balance on the northern of the Tibetan Plateau

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The energy exchange is key of land surface process on the Tibetan Plateau. Using observed data from Aug. 4 to Dec. 3, 2012 at NPCE\_BJ site, the different characteristics of the energy flux was analyzed during monsoon season and post-monsoon period. This study discloses the impact of the monsoon for the energy flux on the northern of the Tibetan Plateau. The surface energy balance is higher during monsoon season than it during post-monsoon. At last, the surface energy water balance (SEWAB) model was used to gapfilled the turbulence data missed due to unknown reason and corrected method. The simulation error was also explored in this study.