Global Floods/Precipitation and Their Connections with the El Niño-Southern Oscillation During the TRMM Era

Huan Wu  School of Atmospheric Sciences, Sun Yat-sen University, China

- Global flood database and flood climatology based on TMPA (satellite + gauge) precip. Record and the DRIVE hydrological model (Wu et al., 2011, 2012a,b, 2014, water resources research)
- Differences in the ENSO responses between flood indices (duration, frequency and intensity) and precipitation, and in different river basins.