Precipitation annual climatology and bias (1981-2014) versus orography Model: IPSL-CM6A-LR (143x142) / Observation: APHRODITE V1101 (0.5°) / NOAA NGDC GLOBE topo (1km) Mean elevation Std of elevation Bias of mean elevation 5000 400 1500 Mean elevation (m) 0000 0000 0000 0000 1250 Std of elevation (m) Elevation bias (m) 200 1000 **Precipitation** • 750 -200 500 1000 250 -400 2.5 7.5 10 2.5 7.5 10 2.5 7.5 10 Total precipitation [mm/day] Total precipitation [mm/day] Total precipitation [mm/day] 5000 400 1500 4000 1250 Std of elevation (m) Elevation bias (m) 200 1000 3000 **Precip bias** 750 2000 -200 500 1000 250 -400 Total precipitation bias [mm/day] Total precipitation bias [mm/day] Total precipitation bias [mm/day] All domain HK НМ TB