



*We conducted in-depth evaluation of the differences between four gridded precipitation products [i.e. Asian Precipitation – Highly-Resolved Observational Data Integration Towards Evaluation of Water Resources (APHRODITE), Tropical Rainfall Measuring Mission (TRMM), CPC MORPHing technique (CMORPH), and Climatic Research Unit (CRU)] over the Greater Mekong Subregion. We also developed a new restructuring algorithm to utilize the higher accuracy of APHRODITE and the finer spatial and temporal footprints of CMORPH. This figure shows selected daily precipitation maps for APHRODITE (left), raw CMORPH (middle), and restructured CMORPH (right) on 22 August, 2000 (see Chen et al. 2017 for more information)*