

**Supplemental Material for “Statistical and Numerical Assessments of Groundwater Resource Subject to Excessive Pumping: Case Study in Southwest Taiwan”
by Shih et al. (2019)**

1. Land Subsidence Survey

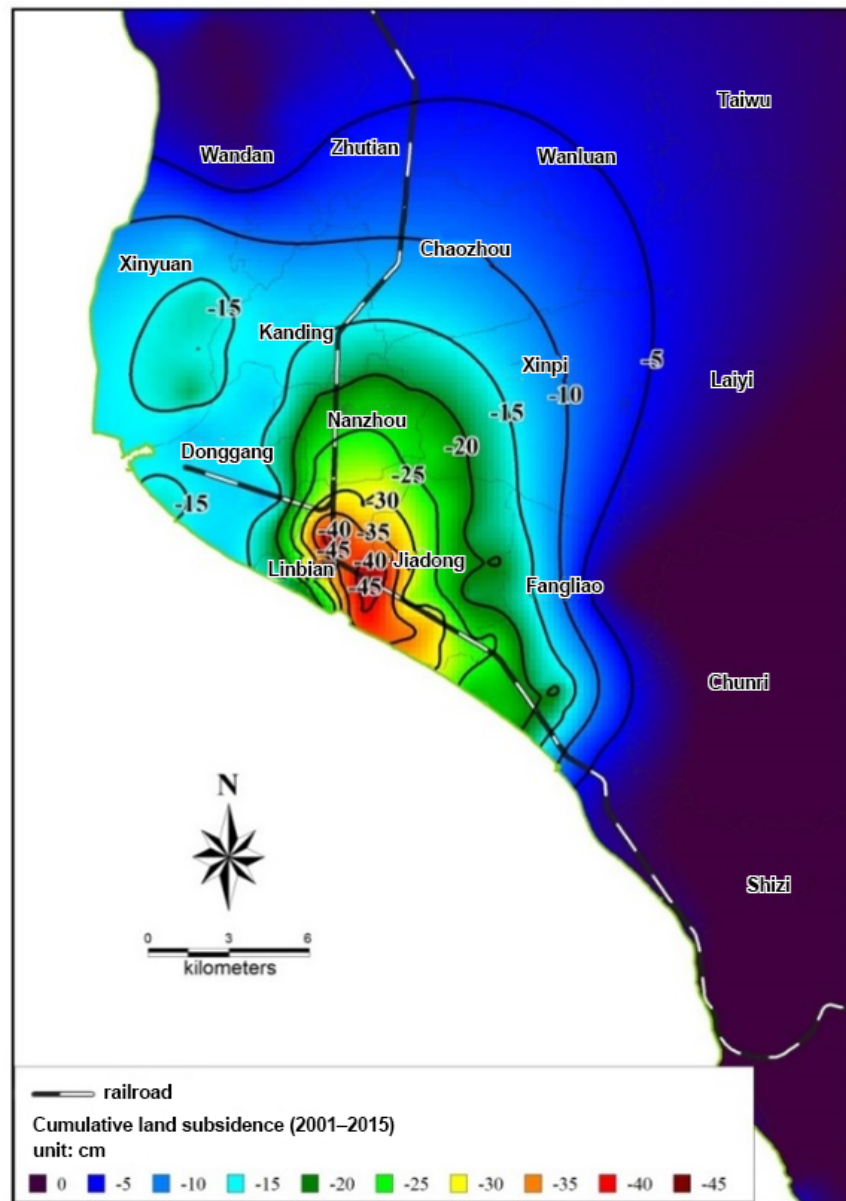


Fig. S1. Map of cumulative land subsidence from 2001 to 2015 (source: Land-Subsidence Prevention and Reclamation Corp, NCKU & WRA, Ministry of Economic Affairs).

2. Calibration Results of WASH123D from August 5th to September 5th of 2009

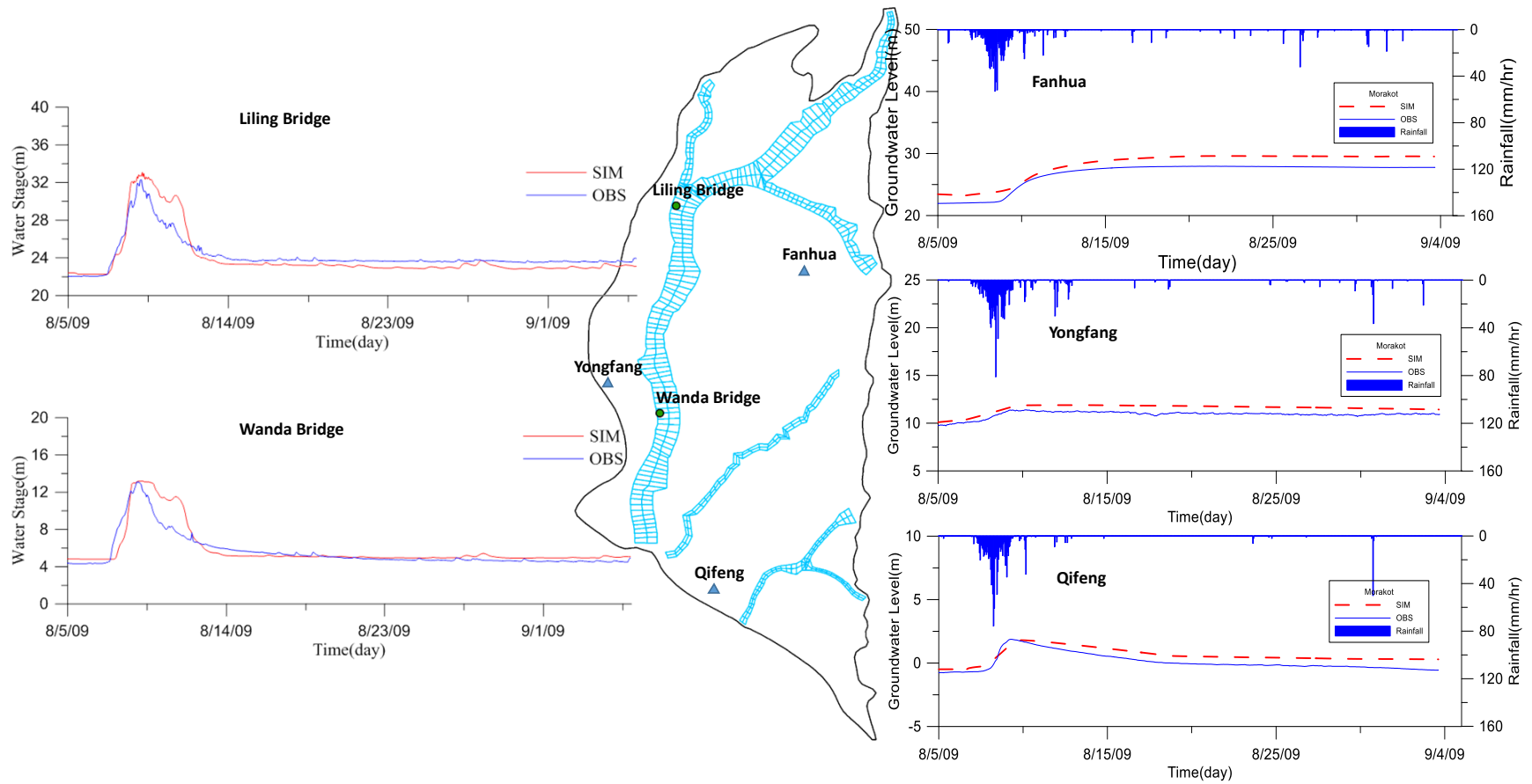


Fig. S2. Calibration results of river stages in the Gaoping River (left) and groundwater levels (right) from August 5th to September 5th of 2009.