



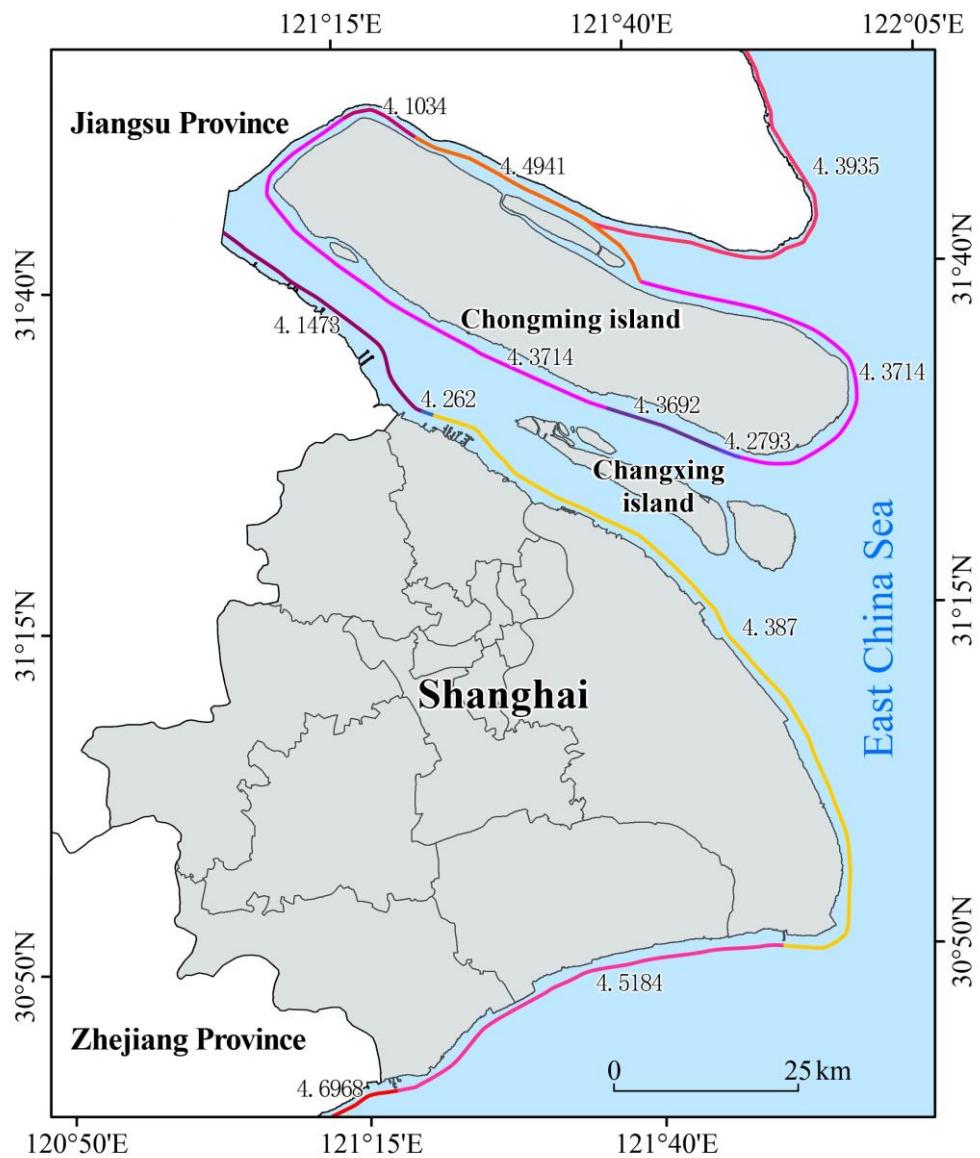
Supplement of

Multi-scenario urban flood risk assessment by integrating future land use change models and hydrodynamic models

Qinke Sun et al.

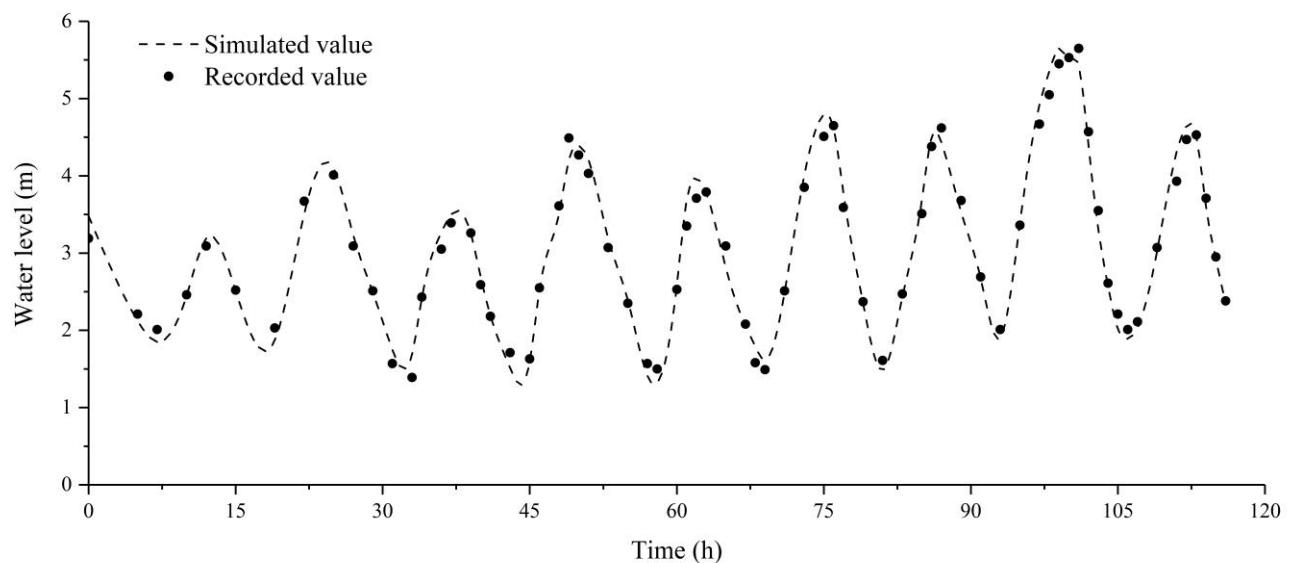
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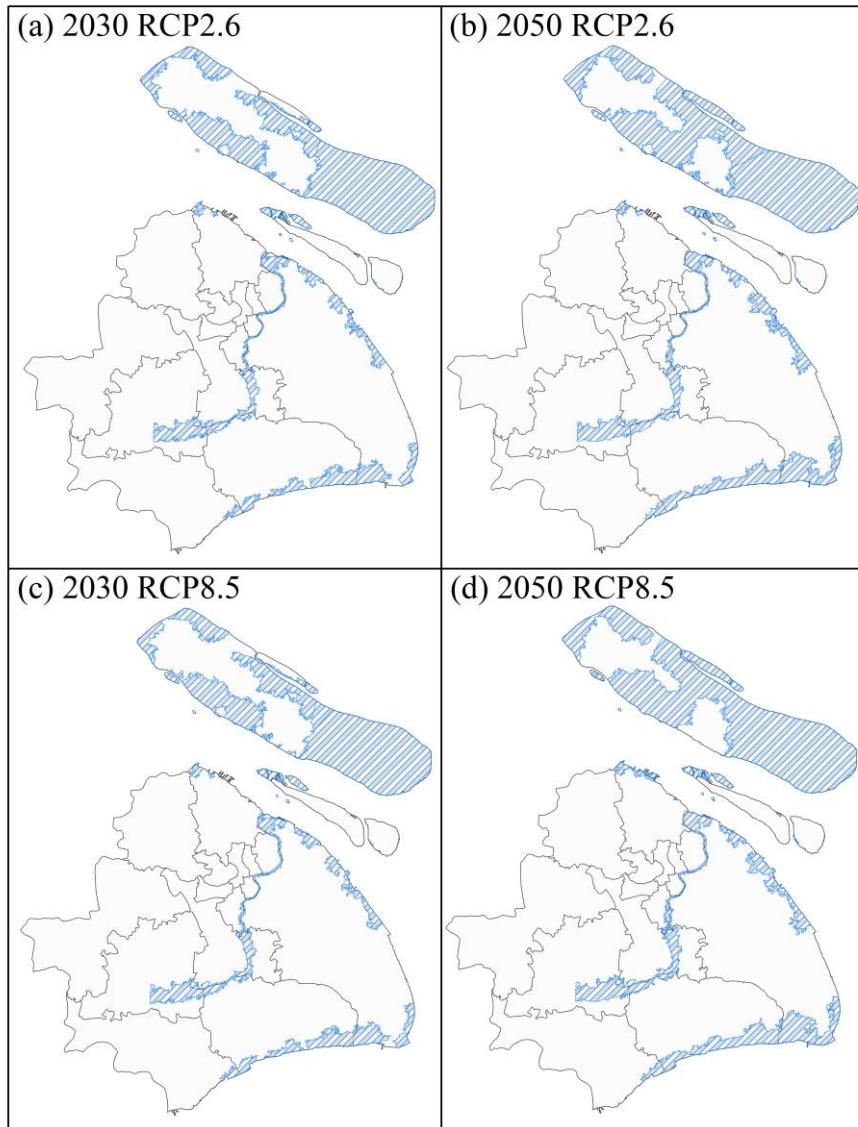
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15 **Figure S1: Visualization of GTSR data in Shanghai.**



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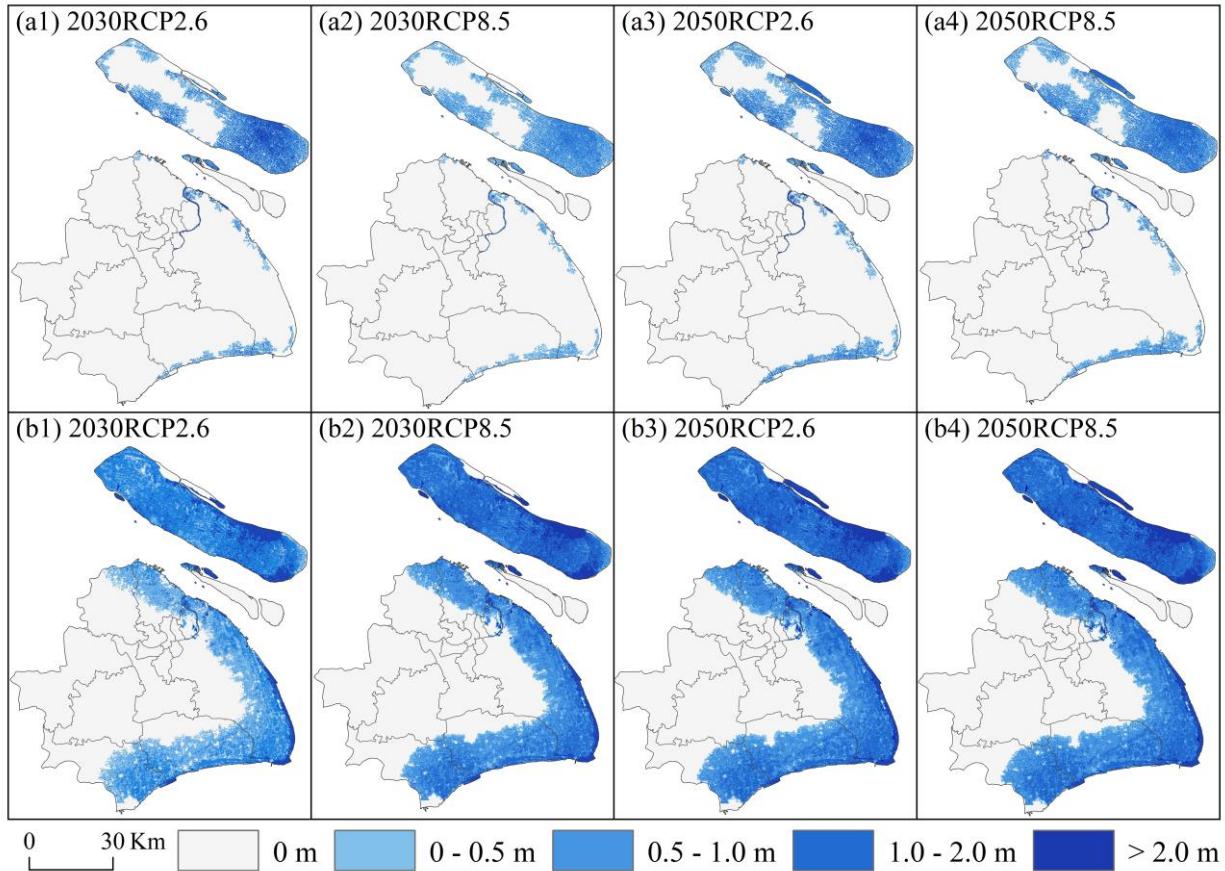
17 **Figure S2: Comparison between the recorded and simulated values at the Huangpu Park tidal station.**



0 40 Km Flooding areas Boundary of study

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19 **Figure S3: The flood inundation in RCP2.6 and RCP8.5 scenarios.**



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21 **Figure S4: Inundation effects of coastal flooding in Shanghai.** (a) presents the inundation results under the protection of flood wall,
 22 (b) presents the inundation results without flood wall.