



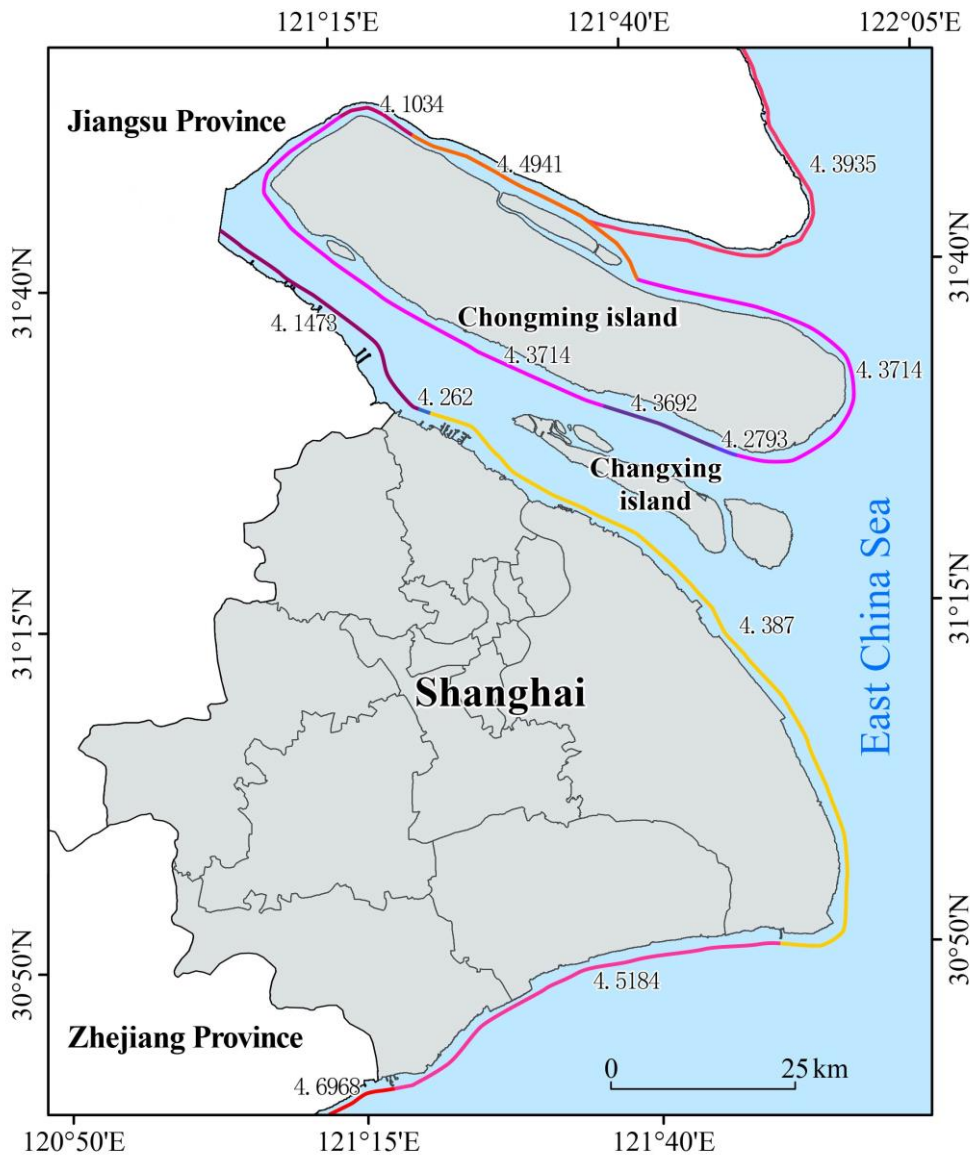
*Supplement of*

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

**Qinke Sun et al.**

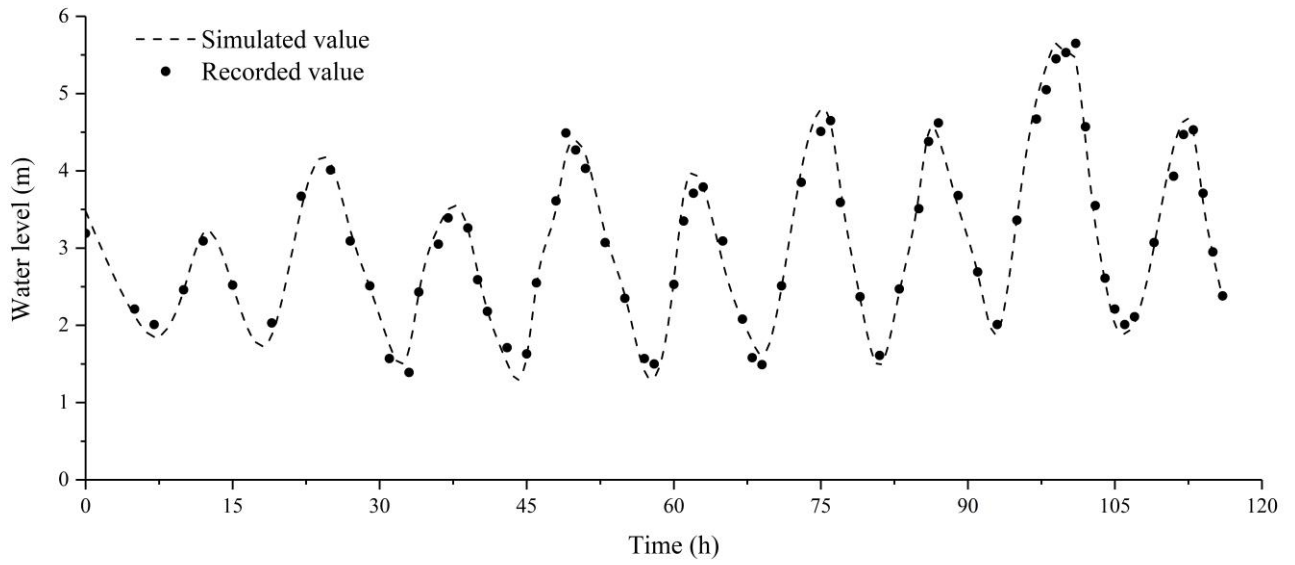
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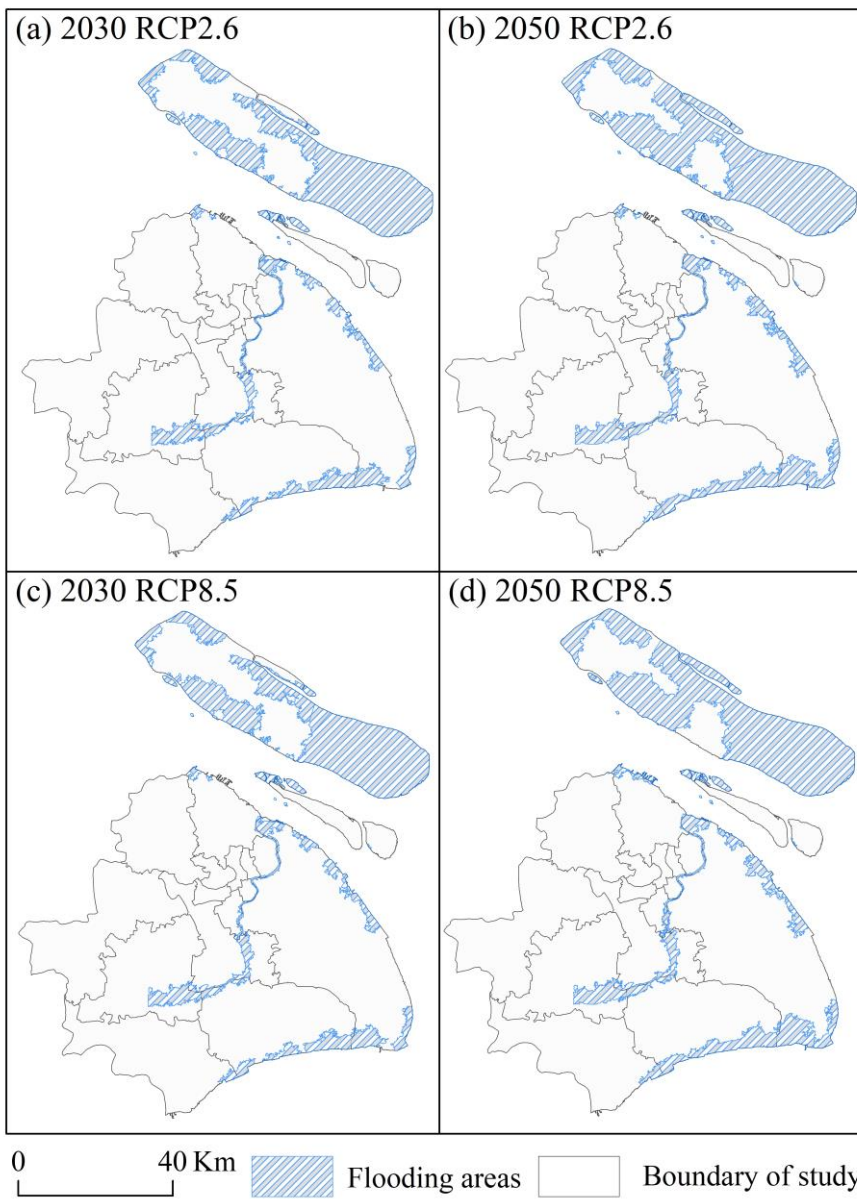
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15 **Figure S1: Visualization of GTSR data in Shanghai.**



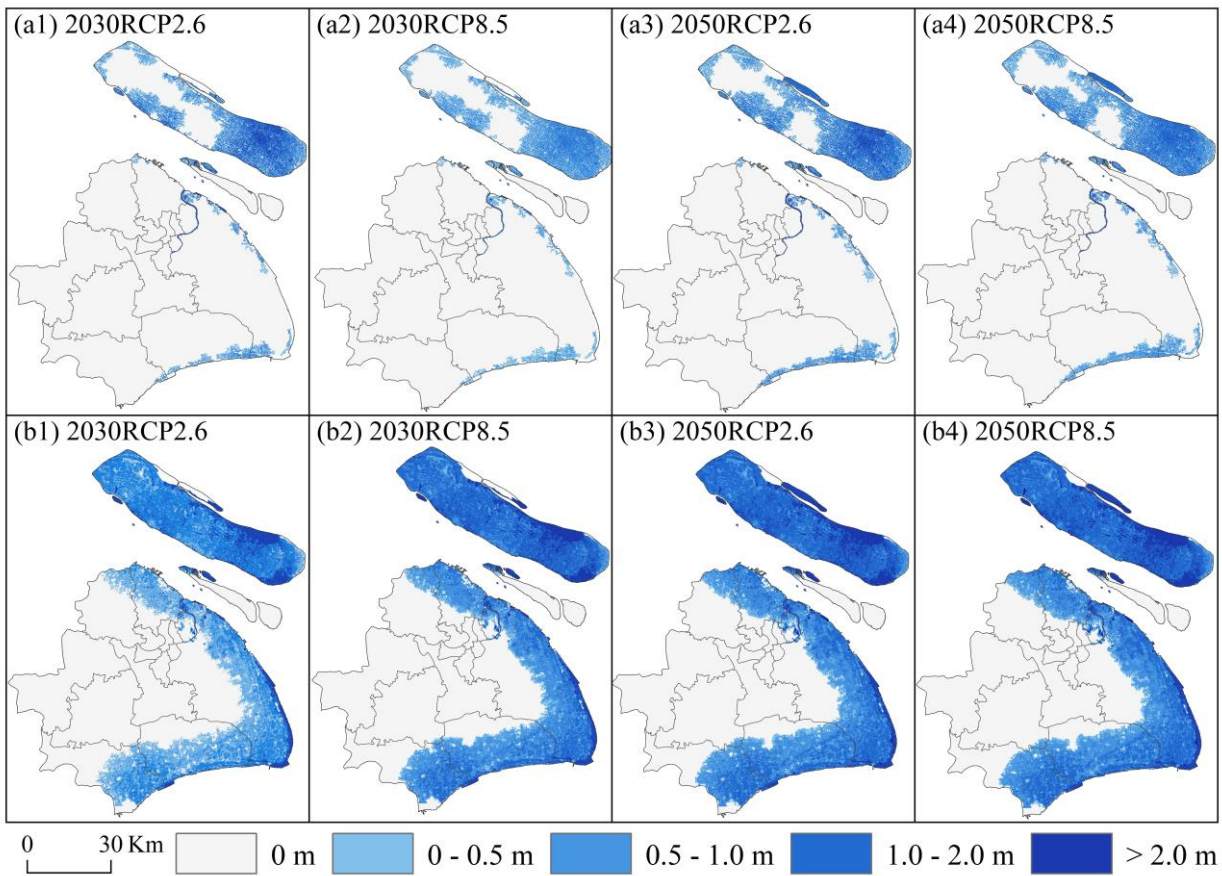
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17 **Figure S2: Comparison between the recorded and simulated values at the Huangpu Park tidal station.**



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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.**