

Supplementary Information

Hydrodynamic impacts of wharf reconstruction aligned with channel expansion under urbanization

Xiaoe Zhao, Jie Cui, Xincheng Wang, Libo Liu, Jingjing Wang, Xianglong Wei, Fuxin Zhang

Figure S1

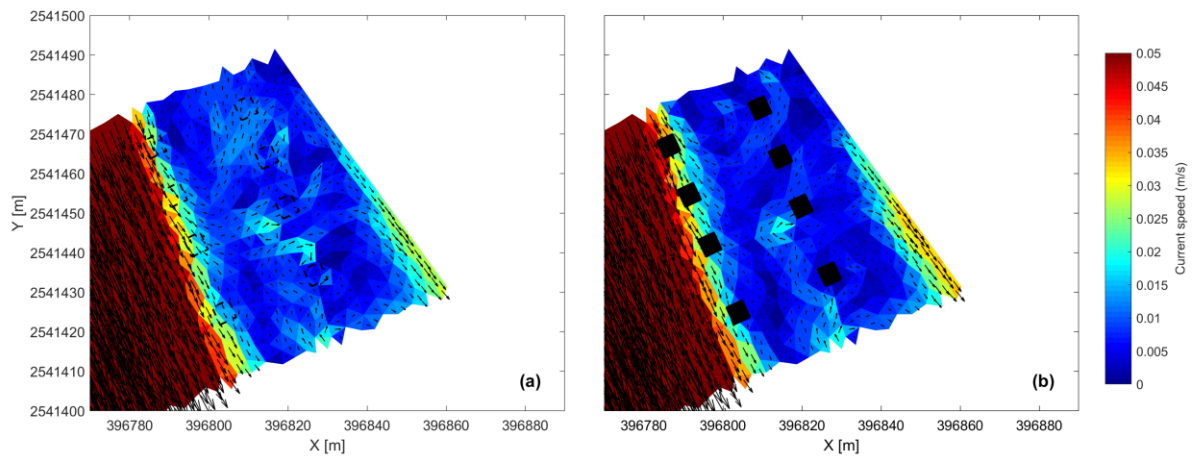


Figure S1. Surface current fields near the wharf under the 100-year flood condition: (a) no-pile case and (b) 8-square-pile case. The colour scale represents current speed, and the arrows indicate flow direction.

Figure S2

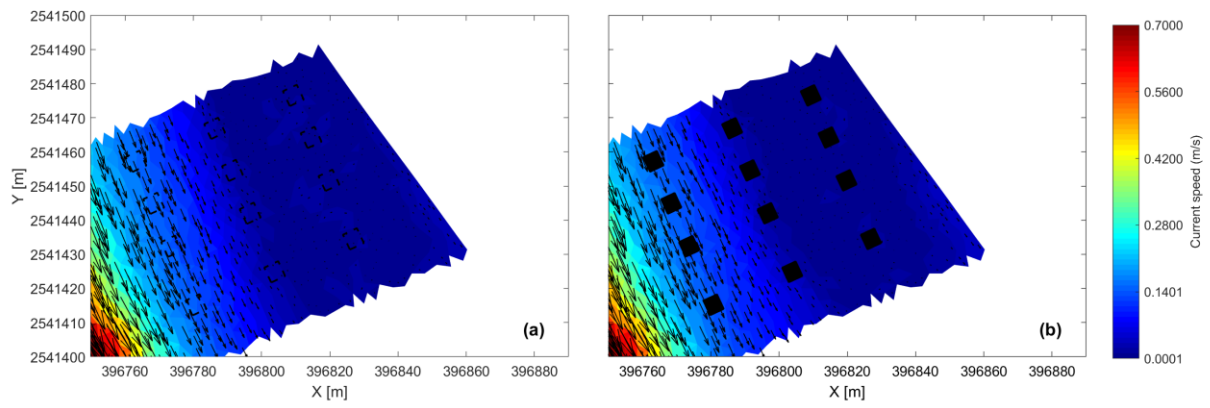


Figure S2. Surface current fields near the wharf under the 100-year flood condition: (a) no-pile case and (b) 12-square-pile case. The colour scale represents current speed, and the arrows indicate flow direction.