Supplemental Online Material for

" Role of Grain Size Distribution and Pier Aspect Ratio in Scouring and Sorting around Bridge Piers"

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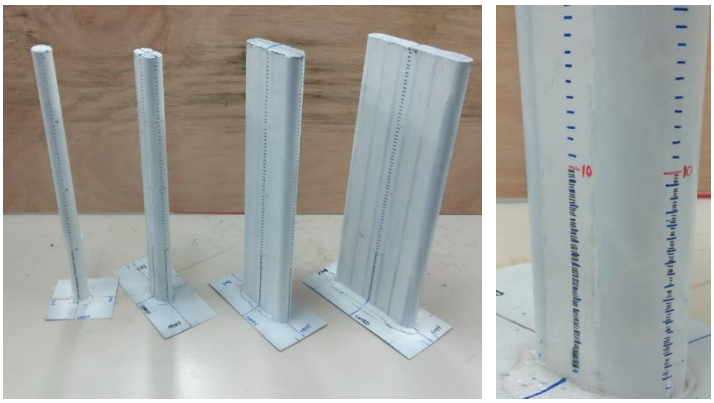
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(a) (b)

Figure S1. Four blunt-nosed cylindrical piers: (a) Graduated Piers of Varying Aspect Ratio; (b) Side Gradation

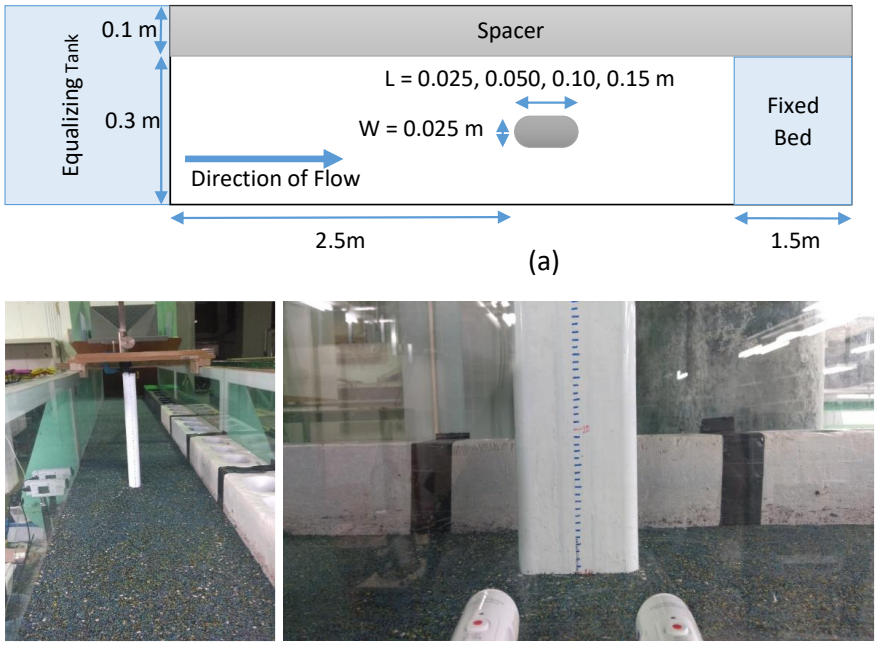


Figure S2. Set-up of the flume for Experiment: (a) Planar Design; (b) Actual Condition

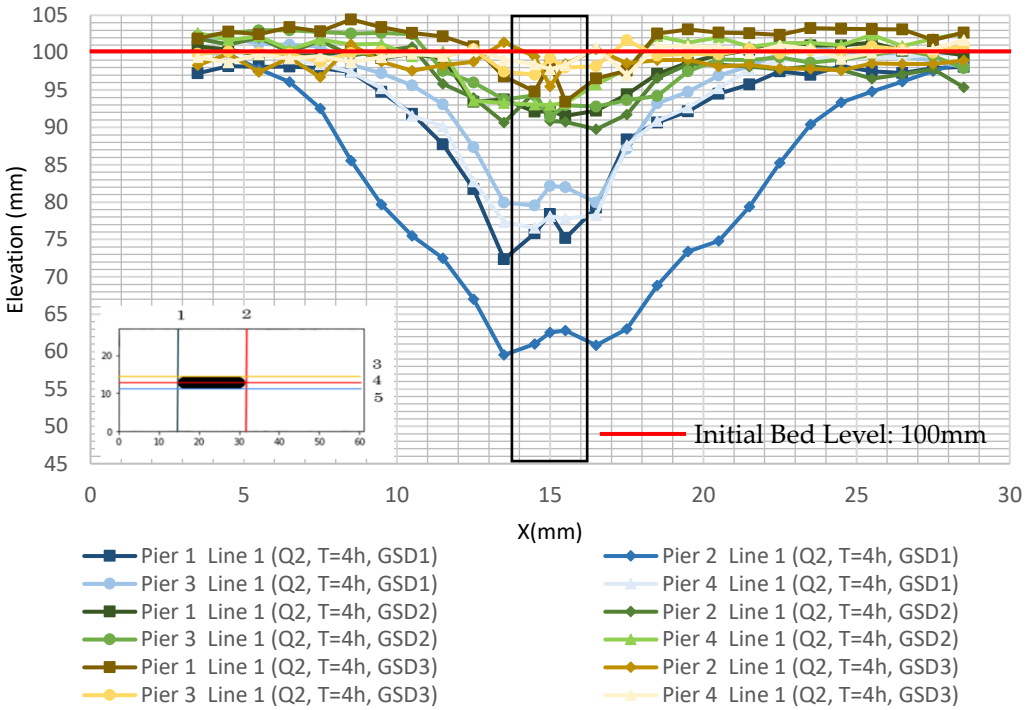


Figure S3. Cross-Section Profile along Line 1 for all Aspect Ratios and GSD (Q2, T=4h)

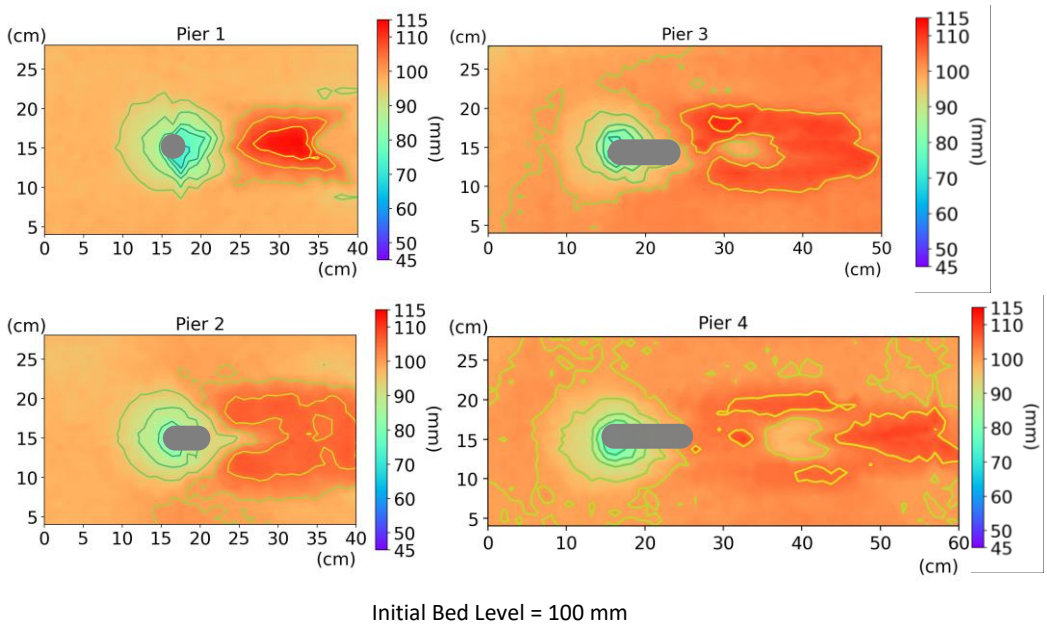


Figure S4. Bed Topology Around Piers on GSD1 (Q2, T=4h)

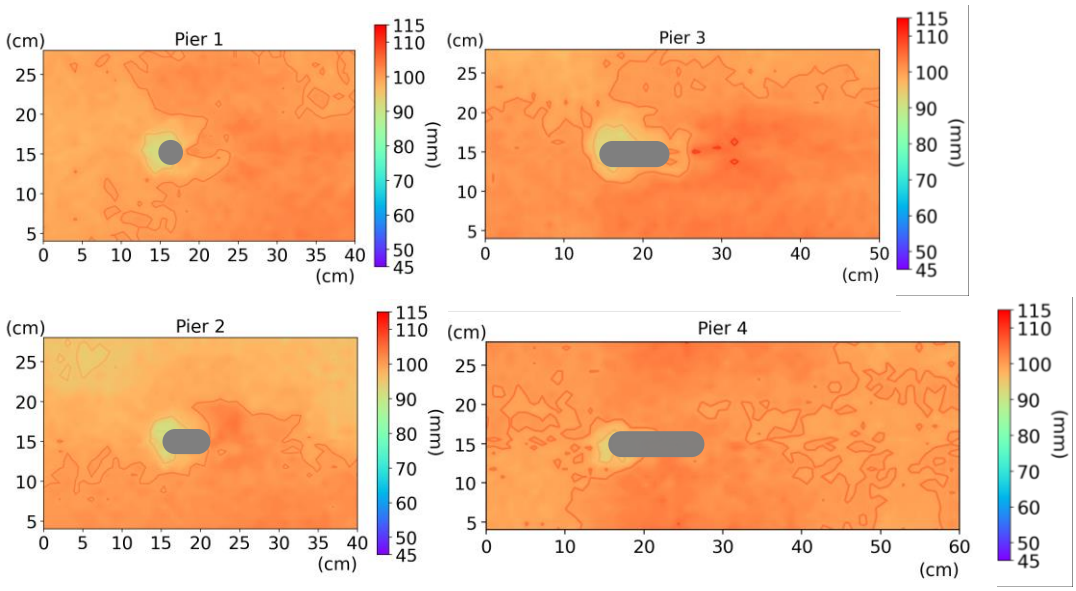


Figure S5. Bed Topology Around Piers on GSD2 (Q2, T=4h)

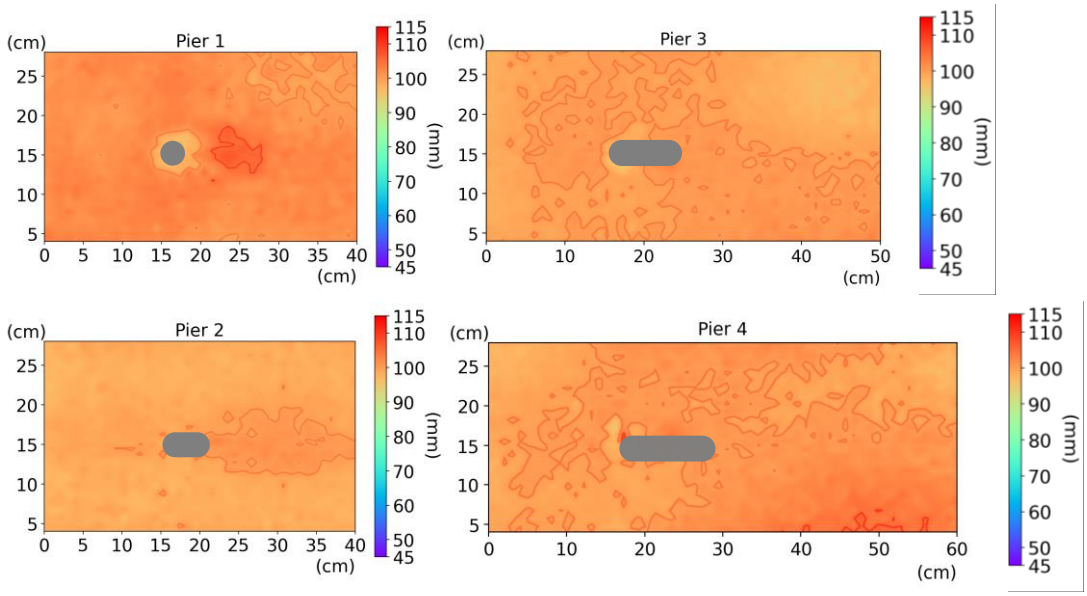


Figure S6. Bed Topology Around Piers on GSD3 (Q2, T=4h)