

*Supplementary Material*

# **Did the Construction of the Bhumibol Dam cause a Dramatic Reduction in Sediment Supply to the Chao Phraya River?**

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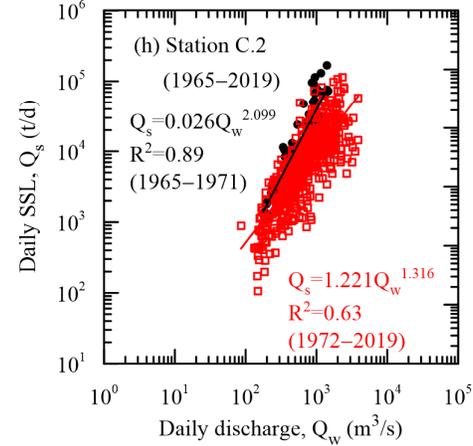
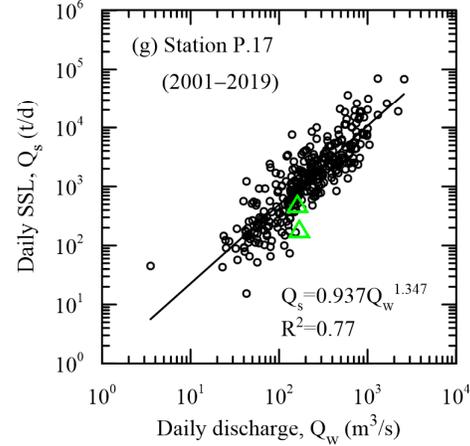
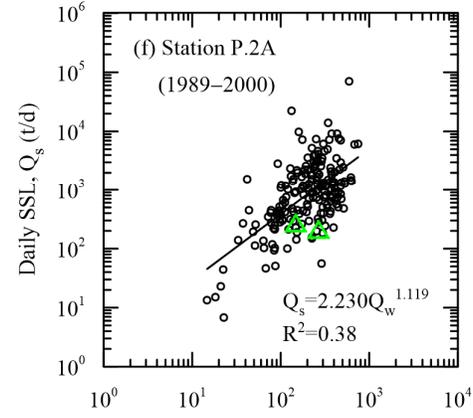
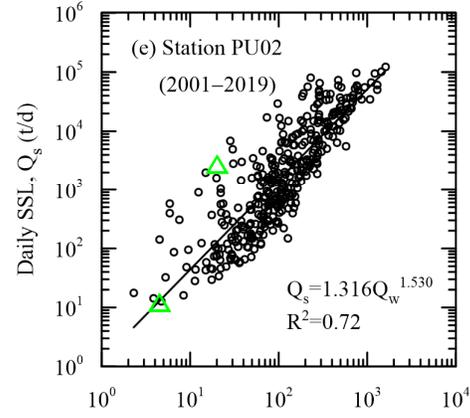
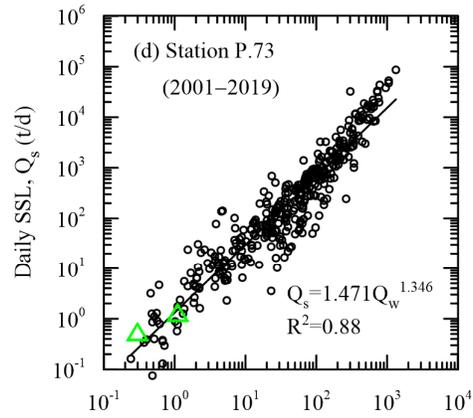
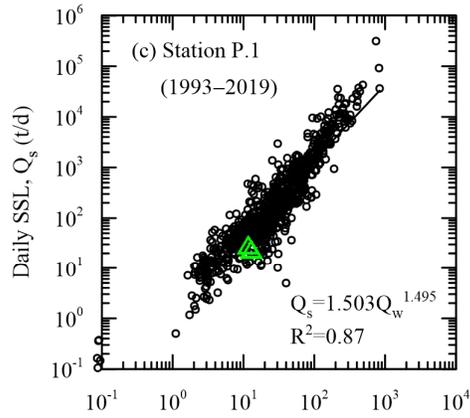
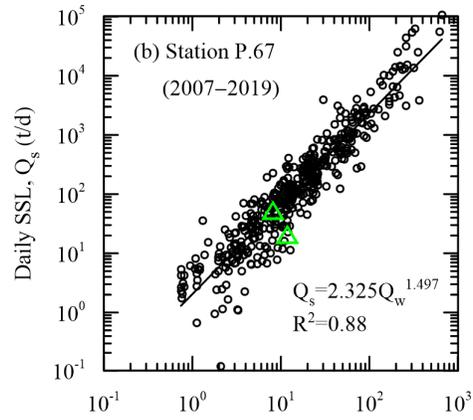
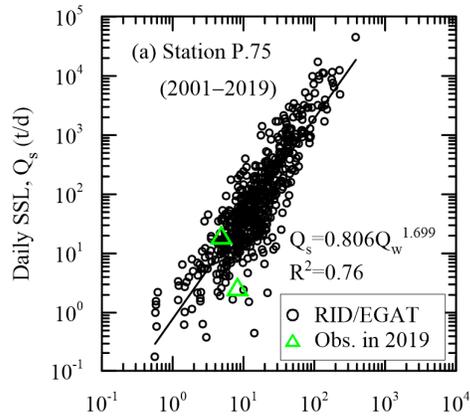
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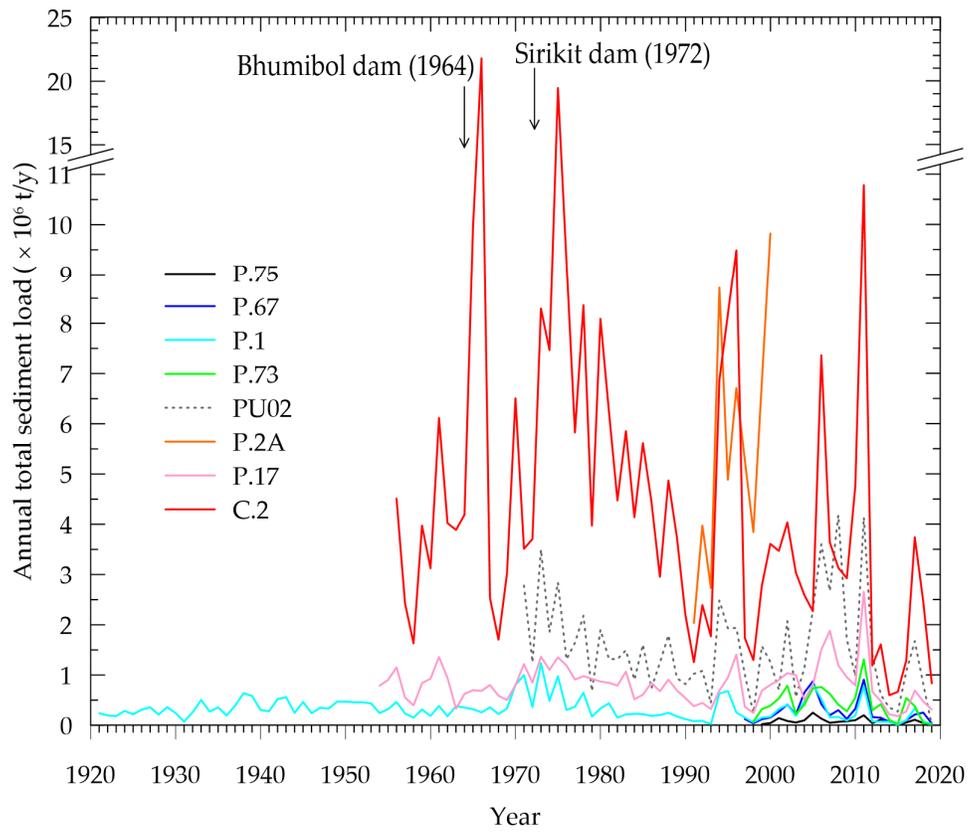
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**Figure S1.** Sediment rating curves at eight hydrological stations: (a) P.75; (b) P.67; (c) P.1; (d) P.73; (e) PU02; (f) P.2a; (g) P.17; (h) C.2.



**Figure S2.** Time series of total sediment load at RID stations along the Ping River.



**Figure S3.** Photographs illustrate turbidity degree of water observed downstream the Bhumibol Dam: (a) XP.13 taken on 23 Feb 2019 (dry season); (b) XP.13 taken on 9 July 2019 (wet season); (c) XP.16 taken on 25 Feb 2019 (dry season); (d) XP.16 taken on 11 July 2019 (wet season).