*[Water Resources Research]*

Supporting Information for

**Bankfull and Mean-flow Channel Geometry Estimation through a Hybrid Multi-Regression and Machine Learning Algorithms across the CONtiguous United States (CONUS)**

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**Contents of this file**

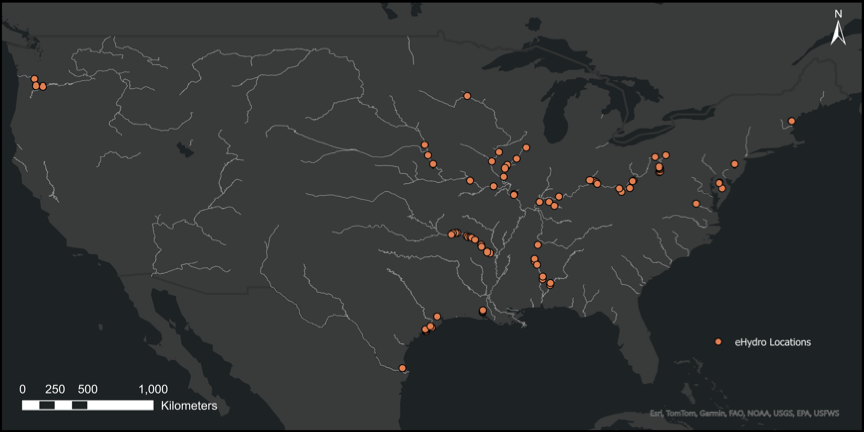
Figures S1 and S2

**Additional Supporting Information (Files uploaded separately)**

Captions for Figures S1 and S2

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| (a) | |
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| (b) | |
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| (c) | |

Figure S1. Visualization of within channel, overbank, bankfull, and mean-flow observations in 12 USGS sites for three recognized patterns in width/depth ratio versus discharge plots including a) No overbank observations b) Only one overbank observation c) Multiple overbank observations.



**Figure S2.** Spatial distribution map of streams extracted from eHydro surveys