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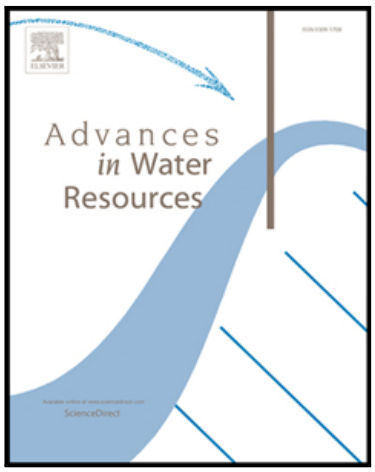

Stochastic modeling of suspended sediment load in alluvial rivers

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Highlights

- We present a stochastic model to predict SSL given discharge volume using copulas
- Proposed model quantifies likelihood of SSL levels at any given discharge volume
- Suspended sediment load (SSL) and discharge volume are non-linearly dependent

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