

Influence of riverine suspended sediment carbon content and particle size on turbidity

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Conclusion

- Absolute errors estimated by global and local calibration are similar.
- Results are better at SSC < 100 mg/l.
- Global calibration should be tested at more sites covering larger SSC range.

Scope of work

 Use of spectrometer readings to infer SS Carbon and size.

Water Resources Research

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Inferring Suspended Sediment Carbon Content and Particle Size at High Frequency From the Optical Response of a Submerged Spectrometer

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