

CE 857

SEDIMENT TRANSPORT

A study of sediment transport processes in turbulent rivers.

Specific topics include derivation of flow equations, time-averaged turbulence, properties of sediment, particle entrainment, modeling of suspended load and bed load, design of stable channels, and sedimentation of reservoirs.

Information

Instructor

Dr. Admin Husic

Lecture

Fall 2018: Wednesdays 6 – 8:50 PM

Room: LEA 3151

Credit Hours

3.0

Prerequisite

CE 755 (Free Surface Flow I).

Consent of instructor will be considered for students who have completed course(s) in fluid mechanics and/or hydrology.

Contact

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Connecticut River

NASA 2011