

CE 716 EROSION AND SEDIMENTATION

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Assignment # 4 - Chapters 8 and 9 due April 5, 2023

Problem # 1 (30 %) in SI units

Solve Problem 8.7 on p.192.

Problem # 2 (40 %) in English units

Solve Problems 9.1, 9.2 and 9.4 and compile the results in SI (kg/ms and m^2/s).

Repeat the calculations at a flow depth of 50 cm.

Problem #3 (30%)

Visit the Engineering Research Center and stop by the Hydraulics Laboratory. Study the posters from Dr. Kristin Bunte (ERC 2nd floor hallway of the West wing). Select two posters and write one page (per poster) describing what you learned about the experimental methods to measure sediment transport in gravel-bed streams.
