#### **CE 717 RIVER MECHANICS**

Pierre Y. Julien -Spring 2022

## Homework #3 - Chapters 8-12 due April 12

# Problem # 3 (20%) Riprap Design

Solve Problem 8.3.

Problem # 2 (10%) Downstream Hydraulic Geometry

Solve Problem 10.2.

## Problem # 3 (30%) River Meandering

Access the Google Earth photos of the Red River LA in Figure P10.7. The location is ESE of Texarkana near Garland. Answer the questions from Problem 10.9.

## Problem # 4 (20%) River Braiding

Solve Problem 11.6.

Problem # 5 (20%) Physical Modeling Scales

Solve Problem 12.3.