

River Science (Hydrology and Fluvial Geomorphology) for Non-engineers

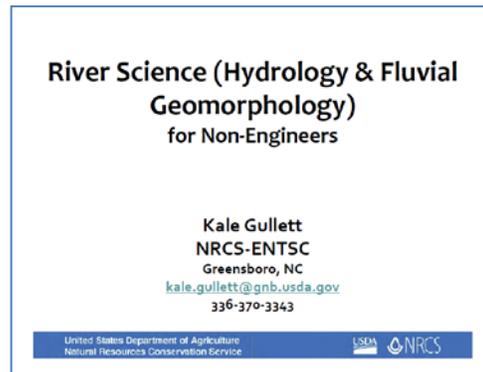
Training Objective: This webinar reviews concepts and provides resources related to hydrology and fluvial geomorphology to provide a technical foundation for conservation planners.

Training Description: Rivers integrate all that happens in a watershed, and deciphering the range of factors that affect how a system looks and functions is often accomplished by using tools and concepts of hydrology and fluvial geomorphology. However, not all NRCS conservation professionals are trained in these fairly specialized disciplines. Further, conservation and management activities in and around rivers can present a daunting set of buzzwords, models, and theories. Aimed at conservation planners who interact with landowners and partners in the field, this webinar provides an overview of the basics of watershed functions as they relate to rivers and streams. In addition, the influences of land use and management actions on stream condition are discussed, with examples from a number of different ecoregions. Resources are presented to aid conservation planners in landscape analysis, and links to primers on river science are provided. These primers, while short in length, provide useful information developed for conservation professionals without specialized backgrounds in hydrology and fluvial geomorphology. As a package, participation in this webinar and further reading of any or all of the suggested resources may help field planners better interact with landowners in considering river condition and identifying conservation actions.

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webinar

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Associated Documents:

- River Science for Non-engineers webinar.wmv (32MB)
- River Science for Non-engineers webinar captioned.wmv (32MB)
- River Science for Non-engineers presentation slides.pdf (18.6MB)
- River Science for Non-engineers presentation notes.pdf (8.9MB)
- River Science for Non-engineers resources.pdf (40KB)