

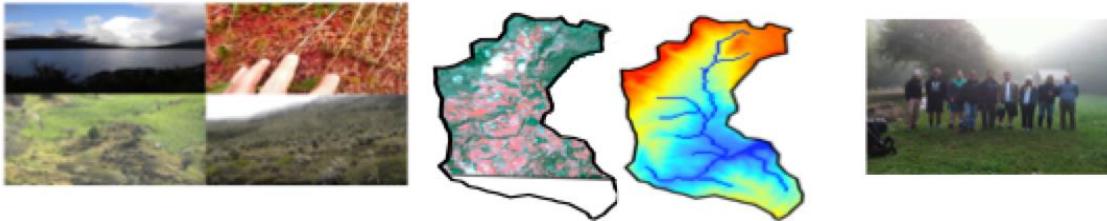


Spring 2019, TR 12:30-1:45 p.m. 204 Carolina Hall

GEOG441: Introduction to Watershed Systems

Professor Diego Riveros-Iregui, Department of Geography

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Description: (3 credit hours)

Introduction to the hydrologic and geomorphic processes and forms in watersheds as applied to water quality, the biophysical dimensions of water, and interactions and feedbacks between water, climate, landscape morphology, vegetation cover, and soil processes. Course will cover hydrological processes, the structure of drainage networks, nested catchments, and distribution and controls of precipitation, evaporation, runoff, soil moisture, and groundwater flow.

Course will include a two-day field trip to a long-term experimental watershed in western North Carolina.