



Merced River Plan – Spring 2011 Workshop Series

April 22, 2011: Hydrology, Biology, and Geology

Presenter Bios.

Greg Stock, Ph.D.: Dr. Stock is the first-ever Park Geologist at Yosemite. He has a Bachelor of Science degree in Geology from Humboldt State University, a Ph.D. in Earth Sciences from U.C. Santa Cruz, and is a licensed Professional Geologist in the state of California. Greg has worked as a geologist in the Sierra Nevada for more than ten years, and has experience in all aspects of geology, but his expertise is in geomorphology, the study of landscapes and the processes that shape them. Since arriving in Yosemite in 2006, Greg has focused on researching and mitigating geologic hazards such as rock falls and debris flows, mapping the park's bedrock and sedimentary geology, and assembling Yosemite's glacial history. He has authored or co-authored eighteen papers in peer-reviewed scientific journals, written more than 40 scientific abstracts, and recently completed a book on Yosemite's geology. He lives in Yosemite Valley with his wife Sarah and daughter Autumn.

Jim Roche: Park Hydrologist, Jim Roche, has been in his current position for four years. In this position, his primary role is protection and restoration of natural hydrologic processes that sustain healthy stream, lake and wetland habitat, and that maintain excellent water quality in these systems. He maintains an active relationship with water resource experts in the NPS, USGS, academia, and other water interests to provide the best available science for water-resource related issues. Jim has a B.S. in Chemistry from Louisiana State University and an M.S. in Geology from the University of Washington. Prior to coming to Yosemite, he worked in Death Valley, Yellowstone, Big Cypress, and Great Basin as well as 2 years in the Peace Corps in Gabon, Central Africa.

Lisa Acree: Lisa has worked in Yosemite for more than 20 years, spanning her expertise between Resources Management and Planning. Today she manages the Botany Program in the Division of Resources Management and Science. Her focal projects this year include assessments of high country meadow health, documenting impacts of climate change, and overseeing revegetation projects.