

**John T. Hickey** is a Senior Hydraulic Engineer at the Hydrologic Engineering Center (HEC) of the U.S. Army Corps of Engineers. At HEC, he leads development of the Regime Prescription Tool (HEC-RPT), which is a tool designed to help groups of people reach agreements about how to manage river flows, as well as the Ecosystem Functions Model (HEC-EFM) and its spatial component HEC-GeoEFM, which are software tools for analyzing ecological effects of changes in flow regimes. Additionally, John has begun work on a new version of EFM called EFMSim that will be able to simulate ecological communities spatially and temporally. RPT and EFM are available online. The initial release of GeoEFM is anticipated in 2011 with EFMSim to follow in 2012.

While at HEC and in past positions as a biohydrologist, water manager, limnologist, and fisheries biologist, John has studied river, lake, and reservoir systems across the United States. He is a registered professional engineer and received a M.S. in hydrologic science and engineering from Colorado State University - Fort Collins, and a B.S. in environmental and forest engineering from the SUNY College of Environmental Science and Forestry - Syracuse. John is currently pursuing a PhD in ecosystem and water resource management from the University of California - Davis.

John also serves as National Technical Advisor for the Sustainable Rivers Project, which is an ongoing partnership between the Corps and The Nature Conservancy, and as a member of the Corps Committee on Water Quality.

