Talk on Wildlife Habitat and Flow
in the Sudbury, Assabet and Concord Rivers

The Wild and Scenic River Stewardship Council, SuAsCo Watershed Community Council, US Fish and Wildlife Service and Organization for the Assabet River are pleased to invite you to a talk by Peter Weiskel, Associate Director of the MA-RI Water Science Center of the US Geological Survey on the results of three recently completed studies concerning the Sudbury, Assabet and Concord Rivers.

Learn about the statewide ‘Fish and Flow’ study which assessed 750 fish sampling sites to determine the relationship between the strength and diversity of fish communities by watershed and the human influences, including impervious surfaces and changes in flow, that affect them. (Study at http://pubs.usgs.gov/of/2010/1139/)

Also to be discussed is the recent study on “Effects of Water Use and Land Use on Streamflow and Aquatic Habitat in the Upper Sudbury and Assabet River Basin.” (Study at http://pubs.usgs.gov/sir/2010/5042/)

And “Indicators of Streamflow Alteration, Habitat Fragmentation, Impervious Cover, and Water Quality for Massachusetts Stream Basins” (study at http://pubs.usgs.gov/sir/2009/5272/)

Results of these studies are already being used to help form state policy on streamflow and determinations of safe yield (water withdrawals) for municipal wells.

Date: Tuesday, December 14, 2010

Time: 7pm

Location: Assabet River National Wildlife Refuge, Visitor Center, 680 Hudson Rd., Sudbury