

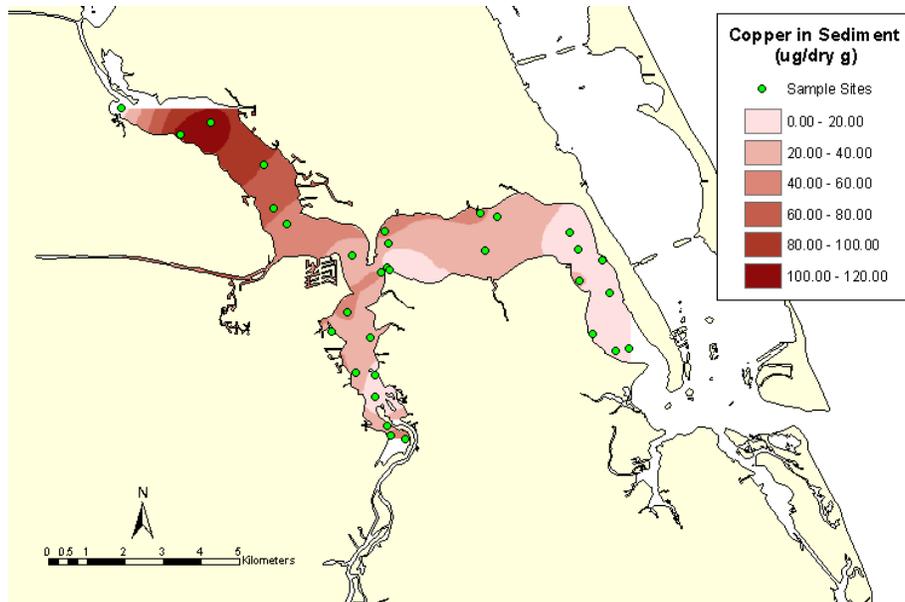
*The Delta Science Program and the U.S. Geological Survey
Jointly Present a Delta Lead Scientist Candidate Brown Bag Seminar:*

Managing Environmental Degradation Issues: St. Lucie Estuary Story

Dr. Jawed Hameedi
Lead Research Scientist, U.S. Department of Commerce, NOAA

Wednesday, March 11, 2015
12:00 – 1:00 p.m.

The Holiday Inn, El Dorado and Diablo Rooms
300 J St., Sacramento, CA 95814



The presentation will highlight a NOAA study on sediment toxicity that was one of several environmental studies that were funded in the aftermath of the 1997-98 El Niño-Southern Oscillation event, which caused heavy rainfall and an extremely large release of water from Florida's Lake Okeechobee. This high release coincided with observation of fish deformities and pathology, incidence of harmful algal blooms, and excessive amounts of "muck" sediment; and it raised concerns about aggravated population losses of native oysters leading toward extirpation. Since the St. Lucie Estuary is hydrologically connected to the Everglades, this study also contributed to the larger ecosystem restoration and freshwater management efforts in South Florida.