

# WATER, WETLANDS & WATERSHEDS SEMINAR

Fall 2008

**Wednesdays, 11:45 – 12:35 PM, Phelps Lab Seminar Room**

*Public is welcome & students may register for 1 credit: SOS 6932, sec.1506 or ENV 6935 sec.9041*

Aug 27	<b>Mark Brown</b> , Professor Environ. Engineering Sci. <b>Mark Clark</b> , Asst. professor, Soil & Water Sci.	<b><i>Introduction.....food for thought</i></b>
<b>September</b>		
3	<b>Jonathan Martin</b> Professor, Department of Geological Sciences, UF	<b><i>The subterranean estuary: What are the magnitudes of submarine groundwater discharge, what are sources of water, how much elemental cycling occurs, and are nutrient fluxes important?</i></b>
10	<b>Daniel McLaughlin</b> PhD candidate, Environ. Engineering Sciences, UF	<b><i>Ecohydrologic evaluation of wetlands on clay settling areas</i></b>
17	<b>John Burns</b> Principal scientist, MACTEC Engineering & Consulting	<b><i>Cyanobacteria - An international perspective on the world's need for water</i></b>
24	<b>Vicky Hoge</b> Environmental Scientist IV, St. John's River Water Management District	<b><i>The use of liquid alum and alum residual to reduce phosphorus loading in the Lake Apopka and Upper Ocklawaha River basins</i></b>
<b>October</b>		
1	<b>Bob Knight</b> President & Env. Scientist, Wetland Solutions, Inc.	<b><i>Engineered wetlands for mitigation of regional groundwater contamination by nitrate nitrogen</i></b>
8	<b>Mark Brown</b> Professor, Environmental Engineering Sciences	<b><i>The Value of Water: Environmental accounting for full cost recovery</i></b>
15	<b>Claire L. Schelske</b> Professor Emeritus, Fisheries & Aquatic Sci., UF	<b><i>A new look at the abrupt change in primary producers in Lake Apopka</i></b>
22	<b>Dean Dobberfuhl</b> PhD, Technical Program Manager, St. John's River Water Management District	<b><i>Effects of urban development on tributaries of the Lower St. Johns River, Florida</i></b>
29	<b>Mark Hostetler</b> Associate Professor, Department of Wildlife Ecology and Conservation, UF	<b><i>WHY THE HECK SHOULD I MOW MY LAWN? Thoughts, policies, and research on developing and maintaining sustainable communities</i></b>
<b>November</b>		
5	<b>Brian Katz</b> Research Hydrologist, USGS Tallahassee	<b><i>Estimating nitrogen loading to ground water and assessing vulnerability to nitrate contamination in the karstic Ichetucknee Springs Basin</i></b>
12	<b>Vic Engel</b> Hydrologist, Everglades National Park <b>Michael Sukop &amp; Shadab Anwar</b> , Department of Earth Sci., Florida Int'l University	<b><i>Surface water tracers and Lattice-Boltzmann simulations of sheetflow in the Everglades</i></b>
19	<b>Tom Frazer</b> Associate Professor, Fisheries & Aquatic Sciences	<b><i>Is increased nutrient delivery compromising the ecological integrity of Florida's spring-fed coastal rivers?</i></b>
<b>December</b>		
3	<b>Mark Rains</b> , Associate Professor, Department of Geology, University of South Florida	<b><i>Controls on physical and chemical hydrology and associated ecological structure and function in barrier island mangroves, Indian River Lagoon, FL</i></b>

Presented by:

**Howard T. Odum Center for Wetlands**

**The Water Institute**

**Dept. of Soil and Water Science**