2012 FMCS WORKSHOP AGENDA

Wednesday, April 18, 2012

3:00 pm – 6:00 pm
FMCS Board Meeting
Holiday Inn, Athena Room

5:00 pm – 7:00 pm
Registration
Holiday Inn, Hallway outside the Georgian Ballroom

5:30 pm – 8:00 pm
Informal Social
The Melting Point, 295 East Dougherty Street

Thursday, April 19, 2012

All talks are in the Georgian Ballroom

8:00 am – 5:00 pm
Registration
Holiday Inn, Hallway outside the Georgian Ballroom

8:15 am – 8:30 am
Welcome/Call to Order and Introduction to the Workshop
Caryn Vaughn, FMCS President, Oklahoma Biological Survey, University of Oklahoma

8:30 am – 9:00 am
How Much Water Does a Healthy River Mollusk Need? Considerations for Developing Environmental Flows for Mollusk Conservation
Andrew Caspar, EPA Gulf Ecology Division

9:00 am – 9:30 am
The Environmental Flow Management Conundrum
Mary Freeman, USGS Patuxent Wildlife Research Center

9:30 am – 10:00 am
Developing the Framework for a Multi-Jurisdictional Authority to Manage Environmental Flows
Laurie Fowler, Odum School of Ecology, University of Georgia

10:00 am – 10:30 am
Break

10:30 am – 11:00 am
Establishing Environmental Flows in Texas
Clint Robertson, Texas Parks and Wildlife

11:00 am – 11:30 am
Managing River Flows for Mussels (and Everything Else)
Darran Crabtree, The Nature Conservancy
11:30 – 12:00  *In Search of Environmental Flows for Endangered Species: the Apalachicola River Experience.*
Karen Herrington, U.S. Fish and Wildlife Service

12:00 pm – 1:15 pm  Lunch (provided)
Holiday Inn, New College Room

1:30 pm – 2:00 pm  *Estimation of Mussel Population Response to Hydrologic Alteration in the Apalachicola, Chattahoochee, and Flint River Basin*
Colin Shea, Tennessee Technological University

2:00 pm – 2:30 pm  *Habitat Constraints Controlling Population Persistence of Freshwater Mussels: A Case Study on the Upper Delaware River*
Heather Galbraith, USGS Northern Appalachian Research Laboratory

2:30 pm – 3:00 pm  *Non-lethal Assessment of Drought-relate Stress in Mussels*
Robert Bringolf, Warnell School of Forestry and Natural Resources, University of Georgia

3:00 pm – 3:30 pm  Break

3:30 pm – 5:00 pm  Panel Discussion
All speakers and audience

Dinner on your own

7:00 pm – 9:00 pm  Social with student posters
Holiday Inn, New College Room

**Friday, April 20, 2012**

8:00 am – 5:00 pm  Registration
Holiday Inn, Hallway outside the Georgian Ballroom

9:00 am – 10:00 am  *DOI Climate Science Centers: Adapting to Climate Change Impacts*
Damian Shea, Biology Department, North Carolina State University

10:00 am – 10:30 am  *Hydrologic Modeling to Understand Climate Change Impacts on Stream Flow*
Jerad Bales, USGS
10:30 am – 11:00 am  
*Breaking Traditional Barriers to Model Climate Change and Land Use Impacts on Freshwater Mussels*
Thomas Kwak, North Carolina Cooperative Research Unit, North Carolina State University

11:00 am – 12:00 pm  
Panel Discussion  
All speakers and audience  
Lunch on your own

1:30 pm – 2:00 pm  
*A Framework for Ecological and Economic Valuation of Ecosystem Services: Challenges, Progress and Renewed Case for Conservation*  
Daniel Spooner, USGS Northern Appalachian Research Laboratory

2:00 pm – 2:30 pm  
*Ecosystem Service Valuations in Aquatic Systems: Not So Cut and Dry*  
Adam Riggsbee, Riverbank Ecosystems

2:30 pm – 3:00 pm  
*Marine Bivalves and Ecosystem Services: A Review of The Nature Conservancy's Role in Coastal Restoration in the US*  
Jennifer Greene, The Nature Conservancy

3:00 pm – 3:30 pm  
*Drought Reduces Ecosystem Services Provided by Freshwater Mussels*  
Caryn Vaughn, Oklahoma Biological Survey, University of Oklahoma

3:30 pm – 5:00 pm  
Panel Discussion  
All speakers and audience