

Agenda
Eastern Regional Wetland Restoration Institute
(September 9-14, 2007)

Day/Time	Topic	Instructor
Sunday	September 9	
4:00 p.m.	Registration and check-begins at Four Seasons	Kandris Goodwin
6:00 p.m.	Supper & Introductions	
7:00 p.m.	Restoring Wetlands at Schools, in Fields, and Forests-Presentation	Tom Biebighauser
8:00 p.m.	Student Projects Discussion	Tom Biebighauser

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Eastern Regional Wetland Restoration Institute

Monday	September 10	
7:00 a.m.	Breakfast	
8:00 a.m.	Welcoming Remarks: Richard Thomas-Executive Director, Eastern Kentucky PRIDE George Bain-Deputy Forest Supervisor, Daniel Boone National Forest	
8:30 a.m.	Field examination of plants, herps, birds, and soils within wetlands: <ol style="list-style-type: none"> 1) Shooting Range, Bath County, wetlands built on a slope 2) Ratliff Creek, Menifee County, groundwater and surface water wetlands 3) Pretty Ridge, Rowan County-wetlands built on forested ridge-tops 4) Shallow Flats, Rowan County, wetlands built for interpretation and tourism 5) Licking River, Bath County, wetlands built in a mature bottomland forest Participants will visit various learning stations at several of the stops	Ron Jones Steve Bonney George Chalfant
6:00 p.m.	Supper	
7:00 p.m.	How They Pulled the Plug, a History of Wetland Drainage-Presentation	Tom Biebighauser

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Tuesday	September 11	
7:00 a.m.	Breakfast	
8:00 a.m.	Field identification of drained wetlands and changed creeks -Field Trip: <ul style="list-style-type: none"> • John D. Smith Farm-Menifee County • Merlin Spencer Farm-Menifee County 	Tom Biebighauser George Chalfant Wes Mattox Art Parola
1:30 p.m.	Stream Restoration Techniques-Presentation	Art Parola
3:00 p.m.	Practical Wetland Design-Field Exercise at Four Seasons	Tom Biebighauser
6:00 p.m.	Supper	
7:00 p.m.	Permitting and the Path to Wetland Restoration - Presentation	Mike Hardin
8:00 p.m.	The Wetland Reserve Program	Mason Howell

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Wednesday	September 12	
7:00 a.m.	Breakfast	
8:00 a.m.	<p>Wetland Establishment within a Timber Sale Unit</p> <ul style="list-style-type: none"> • Removing vegetation • Removing and storing topsoil • Preparing the core • Shaping and packing the dam • Building the spillway • Replacing topsoil • Landscaping techniques for reducing maintenance • Improving habitat for reptiles and amphibians (placing logs and branches) • Controlling erosion (seeding and mulching) • Establishing native plants 	<p>Tom Biebighauser Richard Hunter James Kiser Mary Carol Cooper</p>
5:00 p.m.	Bat Use of Constructed Ridge-top Wetlands-Presentation	James Kiser
6:00 p.m.	Supper	
7:00 - 11:00 p.m.	Field Activity: Sampling bat use of wetlands using mist-netting and Anabat techniques	James Kiser & Copperhead Environmental Consulting, Inc.

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Thursday	September 13	
7:00 a.m.	Breakfast	
8:00 a.m.	<p>Construction of an Ephemeral Wetland using a synthetic liner at Rodburn Elementary School</p> <ul style="list-style-type: none"> • Finding a suitable location • Practical design and layout • Contracting heavy equipment and hiring an operator • Obtaining necessary Permits • Removing and hiding vegetation • Removing and storing topsoil • Preparing the depression • Placing and anchoring the synthetic liner and geo-textile pads • Covering the liner with soil • Replacing topsoil • Landscaping techniques for reducing maintenance • Improving habitat for reptiles and amphibians (placing logs and branches) • Controlling erosion (seeding and mulching) • Establishing native plants • Improving habitat around the wetland (bat roosting boxes, bird nest boxes, dragonfly perches) 	<p>Tom Biebighauser Richard Hunter Mary Carol Cooper</p>
3:00 p.m.	Field Trip: Outdoor Classrooms featuring Wetlands, McBrayer Elementary School, Morehead, and Wetland Education Strategies and Wetland Curriculum Guides (WOW, Project Webfoot, Project Wet, Aquatic Wild)	<p>Jennifer Johnson Kandris Goodwin</p>
6:00 p.m.	Supper	
7:00 p.m.	Time to work on student projects	All Participants

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Friday	September 14	
7:00 a.m.	Breakfast	
8:00 a.m.	Waste-Water Wetlands, Household Systems-Field Trip to the Mattox Residence, Rowan County	Wes Mattox
11:00 a.m.	How to Reel-in Grants for Environmental Projects	Tony Burnett
12:00 p.m.	Lunch at Four Seasons	
12:30 p.m.	Repair of Failed Wetlands: Evaluation and identification of actions necessary for rebuilding wetlands, Four Seasons Center, Bath County	Tom Biebighauser Wes Mattox
2:30 p.m.	Course Evaluation and Presentation of Certificates	Kandris Goodwin
3:00 p.m.	Adjourn	
	<i>June 2, 2007</i>	