



**Managing Agricultural Landscapes
for Environmental Quality II**
Achieving More Effective Conservation
April 28-30, 2010 Denver, Colorado

Workshop Agenda

Day 1 – April 28			
8:15 a.m.	Keynote Address: <i>Managing Agricultural Landscapes for Environmental Quality: The Challenges Ahead</i>		<i>Peter Groffman, Cary Institute of Ecosystem Studies</i>
9:00 a.m.	Thematic Paper 1: <i>Assessing Landscape: Vulnerabilities and Values</i>		<i>Douglas Jackson-Smith, Utah State University</i>
	Perspective 1: <i>Quantitative valuation of environmental goods and services.</i>		<i>Frank Lupi, Michigan State University</i>
	Perspective 2: <i>Political And Social Lessons Learned From Managing Vulnerable Landscapes.</i>		<i>Laura Musacchio, University of Minnesota</i>
10:30 a.m.	Break/ View Poster Papers on Assessing Landscape Vulnerabilities and Values		
11:00 a.m.	Concurrent Sessions on Assessing Landscape Vulnerabilities and Values		
	Room 1	Room 2	Room 3
11:00	Cost-effective conservation when ecosystem services are multiple and spatially dependent: an iterative data envelopment analysis approach <i>Richard Iovanna, USDA</i>	Landscape-scale Conservation Projects: CEAP, A Case Study <i>Deanna Osmond, NC State University</i>	Increasing the effectiveness of conservation policy, design, and delivery <i>L. Wes Burger, Jr; Mississippi State University</i>
11:25	Identifying vulnerability using a hydrologic characterization tool <i>Jan Boll, University of Idaho</i>	Insights from the Conservation Effects Assessment Project (CEAP) Wildlife Component <i>Charles Rewa, USDA NRCS</i>	Probability mapping for the Alabama Beach Mouse <i>Dawn Lemke, Alabama A&M University</i>
11:50	Identifying Critical Areas for the Management of Goodwater Creek Experimental Watershed <i>Claire Baffaut, USDA-ARS</i>	Assessing Landscape Vulnerabilities Using the National Resources Inventory (NRI) <i>J. Jeffery Goebel, USDA-NRCS</i>	Effects of Conservation Reserve Program on priority short- and mixed-grass prairie birds <i>Anne Bartuszevige, Playa Lakes Joint Venture</i>
12:15 p.m.	Lunch		
1:15 p.m.	Thematic Paper 2: <i>Targeting Risky Behaviors on Vulnerable Landscapes</i>		<i>Andrew Sharpley, University of Arkansas</i>
	Perspective 1: <i>Making The Most Of CEAP, NRI And RCA For Targeting.</i>		<i>Jeff Zinn, Washington DC Lisa Duriancik, USDA-NRCS</i>
	Perspective 2: <i>Techniques For Changing Risky Behaviors On Vulnerable Landscapes.</i>		<i>Cathy Kling, Iowa State University</i>
2:45 p.m.	Break/Poster Papers on Targeting Risky Behaviors on Vulnerable Landscapes		

3:15 p.m.	Concurrent Sessions on Targeting Risky Behaviors on Vulnerable Landscapes		
	Room 1	Room 2	Room 3
3:15	Targeting Risky Management on Vulnerable Landscapes <i>Andrew Sharpley, University of Arkansas</i>	Use of a Regional Groundwater Model to Identify Optimum Distribution of Conservation Measures in the Alluvial Plain of Northwestern Mississippi <i>Jeannie R.B. Barlow, USGS</i>	- TO BE FILLED -
3:40	Disproportionality <i>Pete Nowak, University of Wisconsin-Madison</i>	Integrated Modeling for Examining Cost Effectiveness of Wetland Restoration Scenarios in the South Tobacco Creek Watershed <i>Wanhong Yang, University of Guelph</i>	Impacts of varying agricultural operation intensities on surface water quality in the Little River Watershed area, New Brunswick, Canada <i>Zisheng Xing, AAFC</i>
4:05	Evaluating Beneficial Management Practices in Southern Alberta Watersheds <i>Barry M. Olson, Alberta Agriculture and Rural Development</i>	Motivating Producers to Take the Most Cost-effective Actions to Reduce NPS Pollution <i>Jon Winsten, Winrock International</i>	Assessing the impact of agricultural cropping and tillage practices on aquatic biodiversity, in-stream water quality, and habitat parameters using USGS NAWQA and USEPA WSA data. <i>Eric Cummings, University of Arkansas</i>
5:30 p.m.	Reception/Poster Papers		
6:00 p.m.	Dinner on your own		
8:00 p.m.	Roundtable discussions on assessing vulnerable landscapes and targeting risky behaviors.		

Day 2 – April 29			
9:00 a.m.	Thematic Paper 3: <i>Institutional Challenges to Managing Environmental Quality on Agricultural Landscapes.</i>	<i>Craig Cox, Environmental Working Group</i>	
	Perspective 1: <i>Is It Time To Transform Conservation Districts Into Watershed Or Agroecological Districts?</i>	<i>Neil Sampson, The Sampson Group, Inc.</i>	
	Perspective 2: <i>Our Conservation Legacies: What Do We Need To Remember As We Look To The Future Of Managing Agricultural Landscapes?</i>	<i>Richard Knight, Colorado State University</i>	
10:30 a.m.	Break/Poster Papers on Institutional Challenges to Managing Environmental Quality on Agricultural Landscapes		
11:00 a.m.	Concurrent Sessions on Institutional Challenges to Managing Environmental Quality on Agricultural Landscapes		
	Room 1	Room 2	Room 3
11:00	Agriculture as a Provider of Public Goods: Identifying Positive Externalities of Rice Production Landscapes <i>Kuatbay Bektemirov, University of Arkansas</i>	Unintended Effects of the Use of Water for Irrigation from the Alluvial Aquifer in Northwestern Mississippi <i>Claire E. Rose, U.S. Geological Survey</i>	RPM Urban Agroforestry <i>Leslie Carrere, RPM Ecosystems</i>
11:25	A Landscape Vision for Sustainable Bioenergy Feedstock Production <i>Douglas L. Karlen, USDA-ARS, NLAE</i>	Tile-drainage wetlands in the agricultural Midwest to reduce Gulf Hypoxia: a potential market solution <i>David A. Kovacic, University of Illinois</i>	Precision Conservation: Using Precision Agriculture Technology to Optimize Conservation and Profitability in Agricultural Landscapes <i>Mark D. McConnell, Department of Wildlife and Fisheries, Mississippi State University</i>

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11:50	Development of an International Impacted Agricultural Areas Standard for Ecological Services <i>Sally L. Benjamin, Northern Prairie WRC, USGS</i>	Valuation Techniques and Applications: Small-Scale Vegetable Production at Home and Abroad <i>Brad Roberson, Texas A&M University</i>	Evaluating Programmatic Effectiveness of Conservation: The Case of Upland Habitat Buffers <i>Kristine O. Evans, Dept. of Wildlife, Fisheries, & Aquaculture, Mississippi State University</i>
12:15 p.m.	Lunch		
1:15 p.m.	Thematic Paper 4: <i>Measuring Conservation Effectiveness Across Agricultural Landscapes</i>		<i>Gretchen F. Sassenrath, USDA-ARS CPSRU</i>
	Perspective 1: <i>Lessons learned from measuring landscape processes in Canada</i>		<i>Brook Harker, Agriculture and Agri-Food Canada</i>
	Perspective 2: <i>The Role of Bioenergy in Sustainable Landscapes</i>		<i>Matt Liebman, Iowa State University</i>
2:45 p.m.	Break/Poster Papers on Measuring Conservation Effectiveness Across Agricultural Landscapes		
3:15 p.m.	Concurrent Session on Measuring Conservation Effectiveness Across Agricultural Landscapes		
	Room 1	Room 2	Room 3
3:15	Examination of Nutrient and Herbicide Fate and Landscape Features in 15 Sub-Basins of the Choptank River Watershed: Implications for Management <i>Cathleen J. Hapeman, USDA-ARS</i>	Economics of Long Term Land Management Practices in the South Tobacco Creek Watershed in Manitoba <i>Mohammad Khakbazan, Agriculture and Agri-Food Canada (AAFC)</i>	Wood River Conservation Effects Assessment Project <i>Jim Regan-Vienop, USDA NRCS</i>
3:40	Formation, Dissipation and Chemical Contributions of a Drained Temporary Pond within an Agricultural Field <i>Paul D. Capel, US Geological</i>	Identification, Targeting, and Treatment Options for Vulnerable Components Within Complex Landscapes to Improve Watershed Health: A Case Study of GIS Assisted Watershed Modeling <i>Paul T. Dyke, Blackland Research Center/Texas AgriLife Research/ Texas A&M System</i>	Evaluation of Streambank Fencing and Off-Stream Watering Systems in the WEBS Lower Little Bow River Watershed <i>Jim Miller, Agriculture & Agri-Food Canada</i>
4:05	Lincoln University Rain Gardens for Effective Storm Water Runoff Management <i>Hwei-Yiing Johnson, Lincoln University</i>	Wetlands in an Agricultural Landscape--Potential for Mitigation of Nitrate in Groundwater and Streams, Upper choptank River Watershed, Maryland <i>Judith M. Denver, U.S. Geological Survey</i>	Assessing Trade-offs Between Crop Production and Ecological Services in the Willamette Valley, Oregon - the Calapooia CEAP Study <i>Alan Herlihy, Oregon State University</i>
5:00 p.m.	Reception/Poster Papers		
6:00 p.m.	Dinner on Your Own		
8:00 p.m.	Roundtable discussions on institutional challenges and measuring effectiveness.		

DAY 3 – April 30

8:30 a.m.	Plenary Presentations, Reports and Discussion		
9:45 a.m.	Break		
10:15 a.m.	Reports of Roundtable Discussions		
	Keynote Address #2: <i>Achieving Effective Landscape Conservation: A Vision for the Future</i>		<i>Sandra Batie, Michigan State University</i>
11:45 a.m.	Adjourn		

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