



Western State Workshop

Strengthening the Roles of Land Trusts and Local Governments in Protecting and Restoring Wetlands and Riparian Areas

June 2, 2007 Participate with Swaner Nature Festival

June 4-5, 2007 Workshop

June 6, 2007 Field Trip

Treasure Mountain Inn, Park City, Utah

Workshop Goals Include:

[Go to Agenda](#)

- Improve land trusts' and local governments' understanding of the need to protect and restore wetlands, riparian areas and other waters.
- Support land trust and local government wetland and riparian protection efforts.
- Identify priority activities (e.g., technical assistance) for federal and state agencies to undertake to assist land trusts and local governments.
- Familiarize land trusts and local governments with various techniques and options for protecting and restoring wetlands, riparian areas, and other waters at risk.
- Help land trusts and local governments apply the best available wetland and riparian area science such as improvements in wetland mapping, restoration techniques, monitoring and assessment methods, use of GIS technology, wetlands and watershed planning, and use of innovative regulations.
- Document case study examples of local science-related wetland and riparian protection and restoration efforts.
- Build and strengthen partnerships between land trusts and local governments, tribes, states and federal agencies.

Audience: This workshop will be for technical and semi-technical staff of land trusts, local governments, state agencies, and federal agencies. It will present "how to" information concerning the protection and restoration of wetlands and riparian areas.

Need for Workshop: In the last two decades, scientists in academic institutions, government agencies, and private consulting firms have made considerable progress in advancing wetland science. Examples include efforts to: scientifically document the hydrologic requirements of plant and animal species; identify wetland plants and soils; develop wetland mapping techniques; use GIS systems for wetland analysis and planning; improve monitoring and assessment procedures; and improve restoration and creation including compensatory mitigation practices. These scientific advances have been to some extent adopted by federal and state wetland regulatory and management agencies. Most of the education and technical assistance pertaining to these scientific advances has taken place at the federal and state levels.

- 1) training and technical assistance;
- 2) examples of successful local programs;
- 3) simplified approaches; and
- 4) partnerships with federal and state agencies

Land trusts and local governments can play increasingly important roles in applying wetland science in comprehensive community land use, watershed management, flood loss reduction, and other programs. They can help communities form "visions" for protection and restoration of wetland and riparian corridors. They can integrate wetlands and riparian areas into watershed management and comprehensive land use management programs.

This training workshop will help land trusts and local governments apply the best available wetland scientific advances in comprehensive protection and restoration programs. It will provide them with case-study examples of local efforts.

Sponsors:

- U.S. Environmental Protection Agency Division of Wetlands
- U.S. Environmental Protection Agency, Region 7
- U.S. Environmental Protection Agency, Region 8
- U.S. Environmental Protection Agency, Region 10
- U.S. Environmental Protection Agency, Headquarters
- Other sponsors may be added.

Cooperating Parties:

- U.S. Environmental Protection Agency
- Land Trust Alliance
- Trust for Public Lands
- The Nature Conservancy
- U.S. Fish and Wildlife Service
- Utah Open Lands
- Swancer Nature Preserve
- Association of State Floodplain Managers
- Utah Wetlands Interpretive Network
- National Association of Counties
- The Conservation Fund
- The Wallace Stegner Center for Land, Resources and the Environment at the University of Utah
- S.J. Quinney College of Law
- Treasure Mountain Inn
- Other cooperating parties to be added.

AGENDA

Saturday, June 2, SWANER NATURE FESTIVAL (Optional).

11:00a.m.-2:00p.m.

At the Swaner Nature Center. Speakers and participants at the ASWM workshop are encouraged to participate in the Swaner Nature Festival.



Sunday, June 3

7:00p.m.-8:30p.m.

At the Treasure Mountain Inn. Workshop Registration and Exhibit/Poster Session Set Up.


Day 1. Monday, June 4. At the Treasure Mountain Inn

7:00a.m.-8:30a.m.

Registration Continued. Set ups for Exhibits/Poster Session (Continued)

8:30a.m.-8:45a.m.

Welcome; Introductions; Goals. All participants will identify themselves. [Jon Kusler](#) and Jeanne Christie, Association of State Wetland Managers, Inc.

- 8:45a.m.-9:05a.m.** Overview: Options for Land Trusts and Local Governments in Protecting and Restoring Wetlands and Riparian Areas. [Jon Kusler, Association of State Wetland Managers, Inc.](#)
- 9:05a.m.-9:45a.m.** Case Studies: Strengthening the Protection and Restoration Roles of Land Trusts in Utah, Lessons Learned
- Colleen Rush, Swaner Nature Preserve
 - Wendy Fisher, Utah Open Lands
- 9:45a.m.-10:45a.m.** Special Needs and Options for Land Trusts, Case Study Examples
- Land Trusts Can Play a Unique Role in Multi Partner Wetland Conservation. Esther Lev, The Wetlands Conservancy
 - Teton Regional Land Trust: Conservation, Restoration and Management of Priority Wetland/Riparian Habitats in the Upper Snake River Watershed. Robert Cavallaro, Teton Regional Land Trust
- 10:45a.m.-11:05a.m.** Break
- 11:05a.m.-12:00p.m.** Keys to Success in Implementing Local Government Programs, Case Study Examples
- Lessons from Eugene, Oregon, “A Shining Star in Wetlands Protection”. [Steve Gordon, Lane Council of Governments](#)
 - Protecting Riparian Areas, Even “Dry Washes”, in Pima County, Arizona. [Julia Fonseca, Pima County Regional Flood Control District](#)
- 
- 12:00p.m.-1:30p.m.** **Lunch Discussion Tables:**
- Mapping. Jeanne Christie, Association of State Wetland Managers, Inc. and Erik Johnston, National Association of Counties
 - Establishing Local Government Programs. Steve Gordon, Lane Council of Governments
 - Establishing a Land Trust Wetland Program. Esther Lev, The Wetlands Conservancy
 - Future Directions for Land Programs in Utah. Wendy Fisher, Utah Open Lands
 - Working With Landowners. Andy Herb, AlpineEco; Karl Fleming, U.S. Fish and Wildlife Service, Utah Partners for Fish and Wildlife Program; and Jeremy Maestas, USDA Natural Resources Conservation Service
 - Assessment. Paul Adamus, Adamus Resource Assessment, Inc./Oregon State University
 - Smart Growth. Rebecca Dils, U.S. Environmental Protection Agency
 - Protection of Urban Wildlife. Mike Houck, Urban Greenspaces Institute
 - Legal Issues, Rapanos. Robert Adler, University of Utah S.J. Quinney College of Law

1:30p.m.-2:00p.m.

Assisting Local Governments and Land Trusts

- Wetland News from EPA Washington DC: Priorities, Partnerships and Opportunities for Success. [David Evans, Director, U.S. Environmental Protection Agency, Wetlands Division](#)



2:00p.m.-3:30p.m.

Mapping and Assessment of Wetlands and Riparian Areas

- The Need for Considering Relative Sensitivity of Wetland Types in Wetland Decisions. [Paul Adamus, Adamus Resource Assessment, Inc./Oregon State University](#)
- Integrated Mapping of Small Urban Wetlands Within the City of Seattle, Washington. [Robert Knable, City of Seattle, Department of Planning and Development](#) and [Justin Miner, U.S. Fish and Wildlife Service, National Wetland Inventory Program](#)
- How Local Governments Can Develop and Adopt Citizen-Crafted Plans that Safeguard Green Infrastructure. [Sumner Swaner, Swaner Nature Preserve, Center for Green Space Design](#)

3:30p.m.-3:50p.m.

Break

3:50p.m.-5:20p.m.

Management Planning for Wetlands or Riparian Areas

- Integrating Wetlands Protection into Regional Habitat Conservation Plans – the California Experience. Sylvia Quast, Resources Law Group and Tim Vendlinski, Sustainable Conservation
- In Livable Cities is Preservation of the Wild: Regional Growth Management and Watershed Planning in the Portland-Vancouver Metropolitan Region. [Mike Houck, Urban Greenspaces Institute](#)
- Conservation Easements in a Changing World. [Nancy A. McLaughlin, University of Utah, S.J. Quinney College of Law](#)



5:30p.m.-7:00p.m.

Mixer and Exhibit/Poster Session. This will focus upon but not be limited to restoration. Individuals and organizations with wetland restoration, stream restoration, and riparian restoration projects will provide exhibits.

Day 2. Tuesday, June 5. At the Treasure Mountain Inn

Breakout, Workshop Sessions. Each session will be one and one half hours in length. In most sessions there will be three 30 minute presentations. In some there will be two with a half hour for discussion.



8:30a.m.-10:00a.m. Breakout Workshop Sessions Set 1:

- Assessment and Monitoring: Moderator: Paul Adamus, Adamus Resource Assessment, Inc./Oregon State University
 - Science, Common Sense and Politics-Factors to Consider When Designing Regional Assessments for Wetlands. S. Diane Eckles, USDA Natural Resources Conservation Service
 - Constructing the Framework of a Reference Wetland Network in Utah. [Nancy Keate, Utah Division of Wildlife Resources](#) and [Heidi Hoven, The Institute for Watershed Sciences](#)
- Protection and Restoration Strategies: Moderator: John Olson, U.S. Environmental Protection Agency, Region 10
 - Riparian Conservation in the Southwest: The Applicability of Environmental Water Marketing Approaches. Dustin Garrick, Arizona Open Land Trust and Amy McCoy, Sonoran Institute
 - Voluntary, Incentive-Based Partnerships as a Complement to State Wetland Regulatory Protection in Montana. [Tom Hinz, Montana Wetlands Legacy](#)
 - Wild Fish Habitat Initiative Web-Accessible Information Database for Restoration Professionals. [Kristin Keith, Montana Water Center, Montana State University](#)
- Establishing Local Government and Land Trust Programs, Developing Local Support for Protecting and Restoring Wetlands. Moderator: Erik Johnston, National Association of Counties
 - Healthy Waters, Healthy Future: Cooperative Protection and Restoration of the Big Wood River and Its Wetland and Riparian Areas. Kathryn Goldman, Wood River Land Trust
 - San Pitch River Stream Restoration. Jay Olsen, San Pitch River Watershed Stewardship Group Chairman.

10:00a.m.-10:30a.m. Break

10:30a.m.-12:00p.m. Breakout Workshop Sessions, Set 2

- Drafting, Adopting, Implementing Local Government Wetland, Riparian Regulations, or Stream Setback Regulations. Moderator: Jon Kusler, Association of State Wetland Managers, Inc.
(Panel, 10 minutes each)
 - Jon Kusler, Association of State Wetland Managers, Inc.
 - Paul Adamus, Adamus Resource Assessment, Inc./Oregon State University
 - Steve Gordon, Lane Council of Governments
 - Jim Powell, Alaska Department of Environmental Conservation



- Mapping and GIS Systems for Wetlands and Riparian Areas. Moderator: Jeanne Christie, Association of State Wetland Managers, Inc.
 - Best Practices in Wetland Mapping and GIS by Local Governments. [Erik Johnston, National Association of Counties](#)
 - Geographic Information Systems for Managing Statewide Wetland Information. Courtney Frost, Montana Department of Environmental Quality
 - Monitoring a Statewide Riparian Restoration Program: Lessons Learned and Recommendations for Future Funding. [Lara Rozzell, North Carolina State University, BAE](#)
- Restoring Wetland and Riparian Areas. Moderator: Toney Ott, U.S. Environmental Protection Agency, Region 8
 - Long-term Invasive Species Management: Planning? No...Timing is Everything. [Ben Bloodworth, Utah Department of Natural Resources](#)
 - How to Seed a Wetland Restoration Site to Achieve a Highly Diverse Native Plant Community that is Resistant to Invasion by Non-Natives. [Eric Wold, City of Eugene, Parks and Open Space Division](#)
 - The Blackfoot Watershed: Three Decades of Cooperative Community-Based Conservation. Steven Kloetzel, The Nature Conservancy of Montana

12:00p.m.-1:30p.m.

Lunch. Discussion Tables:

- Identifying Priority Wetlands and Riparian Zones. Esther Lev, The Wetlands Conservancy and Robert Cavallaro, Teton Regional Land Trust
- Monitoring and Assessing. Paul Adamus, Adamus Resource Assessment, Inc./Oregon State University
- Riparian Conservation. Dustin Garrick, Arizona Open Land Trust and Amy McCoy, Sonoran Institute
- Incentive Based Partnerships. Tom Hinz, Montana Wetlands Legacy
- Use of GIS Systems and Mapping. Jeanne Christie, Association of State Wetland Managers, Inc. and Courtney Frost, Montana Department of Environmental Quality
- Land Trusts and Local Governments and Mitigation Banks. Dana Field, Oregon Department of State Lands and Rebecca Kihlsigner, Environmental Law Institute
- Federal Assistance. Karl Fleming, U.S. Fish and Wildlife Service, Utah Partners for Fish and Wildlife Program and Jeremy Maestas, USDA Natural Resources Conservation Service
- Legal Issues. Avoiding Legal Problems. Jon Kusler, Association of State Wetland Managers, Inc. and Bob Adler, University of Utah S.J. Quinney College of Law
- Invasive Species Management. Ben Bloodworth, Utah Department of Natural Resources
- Wetlands and Climate Change. Jim Powell, Alaska Department of Environmental Conservation



1:30p.m.-3:00p.m.

Breakout Workshop Sessions, Set 3.

- Working With Landowners, Partnerships. Moderator: Nell Larson, Swaner Nature Preserve
 - Working Together and Getting Along for Better Results— Saline Wetlands Conservation Partnership. Tom Malmstrom, City of Lincoln - Saline Wetlands Conservation Partnership
 - Balancing Wetland Protection With Landowner Interests in Utah County, Utah. [Andy Herb, AlpineEco](#)
 - Private Partners in Wetland Habitat Conservation: Maximizing Participation of Willing Landowners and Consultants. Jeffrey Klausmann, Intermountain Aquatics, Inc.
- State Assistance and Support for Land Trust and Local Government Programs in the West: Future Directions. Moderator: Jeanne Christie, Association of State Wetland Managers, Inc.

Strengthening the Role of Local Governments and Land Trusts in Alaska. Jim Powell, Alaska Department of Environmental Conservation

Panel, 10 minutes each.

- Tom Hinz, Montana Wetlands Legacy
 - Dana Field, Oregon Department of State Lands
 - Nancy Keate, Utah Division of Wildlife Resources
- Utilizing Greenprinting and Smart Growth Principles for Effective Wetlands Protection. Moderator: Rebecca Dils, U.S. Environmental Protection Agency. This will be a discussion session with several brief introductory remarks. How do wetlands and riparian areas fit into smart growth beyond constructed wetlands? What are the impediments? What is needed?
 - Sumner Swaner, Swaner Nature Preserve, Center for Green Space Design
 - Mike Houck, Urban Greenspaces Institute

3:00p.m.-3:30p.m.

Break

3:30p.m.-5:00p.m.

Breakout Workshop Sessions, Set 4

- Assistance and Support for Land Trust and Local Government Programs in the West. Moderator: Colleen Rush or Nell Larson, Swaner Nature Preserve



- The U.S. Fish and Wildlife Service's Partners Program and Private Landowners Working Together to Restore Wetland/Riparian Habitat. [Karl Fleming, U.S. Fish and Wildlife Service, Utah Partners for Fish and Wildlife Program](#)
- Using Farm Bill Programs to Protect and Restore Wetland and Riparian Areas: A Case Study from the Snyderville Basin, Utah. [Jeremy Maestas, USDA Natural Resources Conservation Service](#)

- Mitigation, Mitigation Banks, and Restoration. Moderator: Jeanne Christie, Association of State Wetland Managers, Inc.
 - Wetland Mitigation Banking—Logistics and Challenges. Dana Field, Oregon Department of State Lands
 - Improving the Capacity of Land Trusts: Taking on the Long-Term Stewardship Responsibilities of Wetland Mitigation Sites. [Rebecca Kihslinger, Environmental Law Institute](#)
- Legal Issues. Moderator: Jon Kusler, Association of State Wetland Managers, Inc.
 - Implications of Rapanos v. United States for State and Local Government Protection and Restoration of Wetlands. [Bob Adler, University of Utah, S.J. Quinney College of Law](#)
 - Avoiding the Taking Issue and Other Legal Problems in Implementing Wetland and Riparian Protection Ordinances. [Jon Kusler, Association of State Wetland Managers, Inc.](#)

5:00p.m.-5:15p.m. Concluding Remarks

5:15p.m.-6:30p.m. Mixer.

Day 3. Wednesday, June 6. Field Trip (optional).

8:30a.m.-4:30p.m. Great Salt Lake Wetlands. Visit Swaner Nature Preserve and Wetland Restoration Sites; the Nature Conservancy Great Salt Lake Shoreland Preserve; Antelope Island State Park in the Great Salt Lake.

