

Association of State Wetland Managers, Inc.

Annual Report 2014



Our Mission...

The Association of State Wetland Managers (ASWM) is a nonprofit organization established in 1983 to promote and enhance protection and management of wetland resources, to promote application of sound science to wetland management efforts and to provide training and education for our members and the public. Membership is open to all.



*It is not enough to understand the natural world;
the point is to defend and preserve it.*

- Edward Abbey

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In 2014, ASWM projects were supported by the McKnight Foundation, the Robert and Patricia Switzer Foundation, the Horne Family Foundation and the U.S. Environmental Protection Agency, along with members and private donors. The Association would like to express its gratitude to those who have supported its efforts to protect the nation’s wetlands through the application of sound science, training and education.

Thank you.

Special Projects

State Wetland Program Summaries: Status & Trends

Use of Wetland Monitoring and Assessment: Considerations for State & Tribal Programs

Identifying Best Management Practices for Wetland Restoration



State Wetland Program Summaries: Status & Trends

In 2014, ASWM continued its work on a project to update a previous project from 2010 on State Wetland Program Summaries. ASWM developed a set of customizable questions that were used to collect data from targeted state staff through telephone conversations. The goal of the project is to collect information about state wetland programs and their use of the U.S. EPA's Core Elements framework.

ASWM also established and met with a national work group of federal, state and nonprofit stakeholders comprised of wetland program managers from seven states, EPA headquarters, the Association of Clean Water Administrators, the National Congress of State Legislators, the National Wildlife Federation, the Wisconsin Wetlands Association, and The River Network. The goals of this group were to ensure that the information being gathered for the state summaries is relevant, questions are appropriately targeted to collect the correct information, and provide input of ASWM's new "measure of completeness", which has been designed to capture the progress made by each state/tribe on EPA's four wetland program Core Elements.

ASWM used a range of existing data sources to compile an initial Draft State Wetland Program Summary for each state (based on existing information) which is being reviewed with each state during

phone conversations. Any information required to complete the template not found in advance will also be collected during the phone conversations.

Data sources being used to develop draft State Wetland Program Summary Documents:

- Existing ASWM State Summaries
- Environmental Law Institute State Summaries
- Data on the Wetland Resource Locator Website
- State Wetland Program Webpages
- US EPA information on Wetland Program Plan Components
- University of North Carolina Wetland Permitting Study Data
- Other federal and state government sources

A draft report of findings from this project will be made available in the spring of 2015.



Use of Wetland Monitoring and Assessment: Considerations for State & Tribal Programs

ASWM has been developing materials to assist the states in communicating results and information regarding National Wetland Condition Assessment reports and data. During 2014, staff developed template briefing documents for adaptation by states; a draft factsheet; and a draft social media toolkit. Staff are continuing to define state needs, and to participate in meetings or conference calls with the National Wetland Monitoring and Assessment Work Group or other state groups to support development of communication strategies.

ASWM also participated in several climate change initiatives to better understand how a changing climate might impact monitoring and assessment of wetlands. Staff continued participation on the Advisory Committee on Water Information (ACWI) – Water Resources Adaptation to Climate Change Workgroup and attended a two day meeting of the Workgroup near Washington, D.C.

ASWM staff prepared two questionnaires to gather information regarding current state wetland monitoring and assessment programs, as well as input on program gaps and needs for future support of monitoring and assessment efforts. ASWM is in the process of working with states to gather information on a variety of wetland program activities. This



information gathering includes questions on monitoring assessment activities, quality and quantity, which will also be used to support development of best practices for monitoring and assessment (see project description on Page 4).

ASWM staff assisted in organizing a statewide meeting of the Michigan Wetlands Association held August 27-29 in Grand Rapids, MI. Additional perspective regarding the scope and use of monitoring information was garnered from this conference. ASWM staff moderated a session on monitoring and assessment, and also made a presentation during the closing plenary on the anticipated direction of state and federal wetland policy.

ASWM staff also attended a fall meeting of the National Wetland Monitoring and Assessment Workgroup (NAMAWG) in Denver, CO and presented the draft outreach materials for NWCA to the states and tribes at that meeting.



Identifying Best Management Practices for Wetland Restoration

ASWM continued its work on identifying best management practices for wetland restoration throughout 2014. As part of this project, ASWM completed a report on “Ecosystem Valuation for Wetland Restoration: What It Is, How to Do It, and Best Practice Recommendations.” The report’s findings were shared at the ASWM annual State/Tribal/Federal Coordination Meeting at the National Conservation Training Center, at the CEER/SER conference in New Orleans, LA and through a Members’ Webinar. ASWM also co-led a half-day workshop at the CEER/SER conference with the EPA and Dr. Robert Brooks on “Restoring the Natural Functions of Wetlands: Identifying Common Goals for Advancing Wetland Restoration Success.”

ASWM also convened a 25 member Wetland Restoration Work Group consisting of federal and state agency representatives, wetland scientists, restoration practitioners, engineers and landscape architects to participate in the remainder of the grant. The Work Group developed a new Improving Wetland Restoration Success webinar series that was launched in September and will continue through September of 2015 - and possibly longer. The webinar series has been very well received with an average of 300 participants per webinar.

The Work Group has also developed Wetland Restoration Bibliography and has begun work on a white paper on “Wetlands Restoration: Contemporary Issues & Lessons Learned.” This paper

will be based on the expertise of the Work Group as well as insights and recommendations offered in each webinar and will be completed in 2015.

ASWM began to outline new sections on its website for information wetland restoration and continued to update its webpages on climate change. Climate change has been a continuing theme throughout this project and will be given specific attention in the forthcoming white paper.

In an effort to continue developing new partnerships, ASWM also joined two members of the American Society for Landscape Architects to present on the role of the landscape architect in wetland restoration at their national conference in Denver, CO in November.



And finally, ASWM has identified key information that it plans to collect from each state on volunteer restoration activities managed and/or funded by the state. Documentation of this information will be included in ASWM’s state summaries and a future status and trends report about state wetland activities (see project description on Page 4).

2014 Outreach & Education

Working with federal, state, tribal and nongovernmental partners, ASWM has continued to foster collaborative relationships to further its mission to promote the inclusion of sound science into public policy. The organization's major outreach and education efforts in 2014 are described below. Ongoing information on ASWM's activities can be found on its website, which is updated weekly at <http://aswm.org>.

Website: In 2014, ASWM upgraded its website to a newer version of Joomla. This was a major undertaking which will enable a series of website updates to be done beginning in 2015. ASWM is very grateful for the assistance of Laurie Anderson who donated her time to assist with the upgrade.

Improving Wetland Restoration Success

Webinar Series: ASWM launched its newest webinar series as part of its efforts to tackle some of the biggest challenges for wetland restoration and share insights and lessons learned from experts in the field. Twenty-five experts including restoration practitioners, regulators, policy makers and academics have formed a working group to develop a series of 13 informational webinars. This project is part of a larger ASWM effort to examine the underlying reasons for restoration failure and provide solutions. Monthly webinars started in September 2014 and will run through September 2015. They are recorded and posted on ASWM's website.

Members' Webinar Series – A Valuable Series of Training & Presentations: ASWM continues its members' webinar series. Members may participate and access recordings of past webinars. Listen and engage with wetland science, policy and legal experts, and learn from the experience of other wetland professionals throughout the nation. Monthly webinars cover science, legal and policy issues.

Natural Floodplain Functions Alliance (NFFA):

The NFFA held six webinars in 2014 on modeling floodplains, the European Flood Directive, restoration in the Mississippi River Delta, lessons learned from Colorado's epic flood in 2013, the American Society of Civil Engineers report on how to address systemic flooding, and the impact of wetland drainage on the hydrology of a northern prairie watershed. In alternate months, the NFFA held conference calls to discuss legislative activities in Washington DC and across the nation.



Wetland Mapping Consortium (WMC): In 2014, the WMC held ten webinars on the National Wetlands Inventory (NWI), mapping forested wetland inundation with Landsat, the Minnesota NWI update, using land cover change data to understand wetlands, techniques for spatial definition and ecological assessment, NWI's Surface Water and Wetlands Inventory, using gSURGO to find wetland soil landscapes, mapping standards and requirements, variable width riparian areas mapping, and state offsite methods for wetland determinations.

Communications: ASWM's Communications Team fine tuned their communications strategy and increased its outreach efforts resulting in greater participation in ASWM webinars and social media including Facebook and LinkedIn. Please join us!

Blogs: ASWM's Program Staff produced weekly blogs on a rotating basis. They consist of **The Compleat Wetlander** by Jeanne Christie, **Salameander** by Peg Bostwick, **For Peat's Sake** by Marla Stelk and **The Wetland Wanderer** by Brenda Zollitsch.

Workshops: ASWM partnered with the U.S. EPA and Penn State's Riparia to provide a workshop at the Conference on Ecosystem Restoration in New Orleans. Workshop topics included an approach to using wetland monitoring data for wetland restoration planning and design as well as a facilitated discussion on how to improve wetland restoration practice.

Collaborations

Wetland Mapping Consortium

ASWM is a founding member of the Wetland Mapping Consortium (WMC). The WMC is an interdisciplinary group of wetland scientists and managers interested in mapping and monitoring wetlands using remote sensing and/or using the resultant products to better manage wetland resources. The consortium fosters collaborations and disseminates data and findings for the purpose of enhanced wetland mapping and monitoring. Cooperative, synergistic, interdisciplinary research funding proposals and projects may be initiated that overcome limitations at a single institution or agency. ASWM hosted monthly webinars on a variety of wetland mapping and analysis techniques and strategies during 2014 which were recorded and are posted on the ASWM website.



Natural Floodplain Functions Alliance

Natural Floodplain Function Alliance (NFFA). The Association of State Wetland Managers is a founding member of the Natural Floodplain Function Alliance (NFFA). The Alliance is an affiliation of federal agencies, professional and nonprofit organizations, and individuals who are dedicated to the protection and preservation of the natural functions of floodplains, which includes coastal areas. It was established to “promote, protect, and enhance the protection, restoration, and management of natural floodplain resources.”



ASWM maintains an NFFA webpage on its website devoted to NFFA activities, including forthcoming and past webinars and conference calls. ASWM records webinars hosted by NFFA and they are available to the general public. Participation in the alliance is open to organizations that support natural floodplain functions.

Partnerships

The Association of State Wetland Managers works with other organizations on education, training, clean water advocacy and other wetlands-related issues. ASWM has worked with its partners in recent years toward a common goal of protecting wetlands and water resources through sound science and sensible public policy. ASWM is a membership organization; membership is open to anyone.

State Wetland Managers

ASWM has members who are State Wetland Managers from 33 states.

State Associations & Organizations

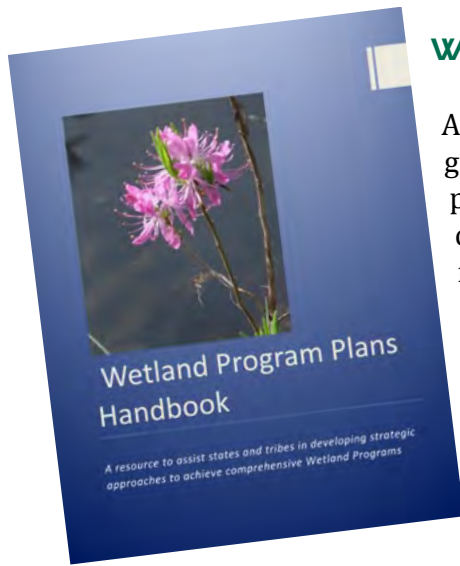
Association of Clean Water Administrators (ACWA)
Association of Fish & Wildlife Agencies (AFWA)
Association of State Floodplain Managers (ASFPM)
Coastal States Organization (CSO)
Environmental Council of the States (ECOS)
Groundwater Protection Council (GPC)
National Association of State Foresters (NASF)



Non-profits, Academic Institutions & Foundations

American Rivers
Center for Wetlands & Stream Restoration
Ducks Unlimited
Environmental Law Institute
Horne Family Foundation
Maine NEMO
McKnight Foundation
Michigan Wetlands Association
Milwaukee Metropolitan Sewerage District
Mississippi River Delta Restoration Team
Muskie School of Public Service
(University of Southern Maine)
National Caucus of Environmental Legislators
National Oceanic and Atmospheric Administration
National Wildlife Federation
Orchard Foundation
Oregon State University
Ramsar U.S.
River Network
Society of Wetland Scientists
St. Mary's University of Minnesota
Robert and Patricia Switzer Foundation
The Wetland Conservancy
Theodore Roosevelt Conservation Partnership
University of California - Berkeley
University of North Carolina
Environmental Finance Center
University of Saskatchewan
U.S. Army Corps of Engineers
U.S. Environmental Protection Agency
U.S. Fish & Wildlife Service
National Wetlands Inventory
USDA
Natural Resources Conservation Service
Forest Service
Virginia Tech

New Publications in 2014



Wetland Program Plans Handbook

ASWM's Wetland Program Plans Handbook provides states and tribes with guidance and resource materials to support the development of wetland program plans. This handbook is the culmination of a two-year project carried out by the Association of State Wetland Managers through a grant from the U.S. Environmental Protection Agency with additional support from the McKnight Foundation and The Orchard Foundation.

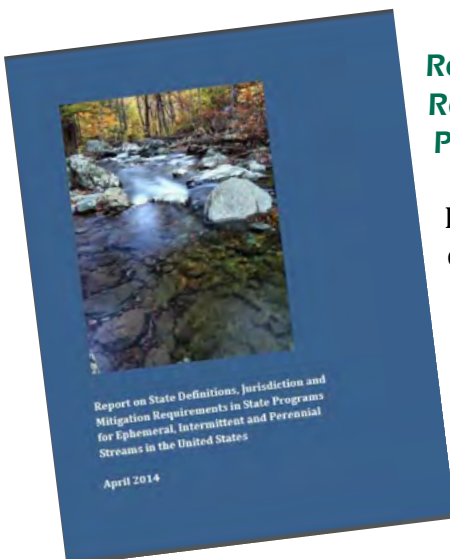
Ecosystem Service Valuation for Wetland Restoration: What It Is, How To Do It and Best Practice Recommendations

This report is intended to assist those interested in using ecosystem service valuation to promote wetland restoration by: explaining what ecosystem service valuation is; framing it within the history of wetland science and policy; identifying available methods and tools; offering examples of use through case studies of watershed and/or wetland restoration projects that have utilized ecosystem service valuation; and providing recommendations for using ecosystem service valuation within the context of wetland restoration. Five case studies are summarized to provide examples of the use of ecosystem service valuation and the various methods and techniques that can be applied in a variety of settings. A glossary of terms, references, links, and a list of available tools for ecosystem service valuation are provided at the end of the report. [The Ecosystem Service Valuation report can be viewed here.](#)



Report on State Definitions, Jurisdiction and Mitigation Requirements in State Programs for Ephemeral, Intermittent and Perennial Streams in the United States

In 2014, ASWM completed a national study on stream identification, delineation and mitigation in the United States. The project interviewed state staff from 47 states and provides both a comparative analysis and information on individual states. Funding was provided by the U.S. Environmental Protection Agency and The McKnight Foundation.



Workshops/Conferences

State/Federal Coordination Workshop

The Association of State Wetland Managers held a three-day workshop March 4-6, 2014 at the National Conservation Training Center near Shepherdstown, WV. The topic of the annual State/Tribal/Federal Coordination Workshop was “Connectivity, Collaboration and the Application of Sound Science.” There were 106 attendees onsite and 69 remote participants.

During this three day workshop there was discussion on: the status and trends of the nation’s wetlands; Federal legislation such the new Farm Bill and next steps for the Clean Water Act; stream delineation, identification and mitigation; wetland restoration challenges and opportunities; floodplains, flooding and stormwater; wetland restoration for the Mississippi River; clarifying assumable waters; major projects and permits; ecosystem service valuation; transportation planning; and the National Wetland Condition Assessment. The workshop also provided a concurrent session Wednesday afternoon on wetland mapping techniques and technology.

Following the workshop, the agenda and PowerPoints from the workshop were made available to participants [here](#).



Webinars

The Association of State Wetland Managers hosted a number of webinars in 2014 as part of ongoing projects to improve state wetland programs and to further the efforts of two collaborations: the Natural Floodplain Function Alliance and the Wetland Mapping Consortium. ASWM utilizes webinars as a tool for communication and for reaching an audience that would not otherwise be able to travel to conferences or seminars. ASWM also hosts a monthly webinar series for members only. Topics alternate between science, policy and legal issues each month. ASWM also records all webinars and they are available to view on the ASWM website. The 2014 webinar series are listed below.

Members' Wetland Webinar Series

This monthly series continued through 2014. The webinar topics are provided below.

- Wetlands Supplement: Incorporating Wetlands into Watershed Planning – Kerry Ann Weaver, Life Scientist, US EPA Region 5
- ELI and The Nature Conservancy's Watershed Approach Handbook: Improving Outcomes and Increasing Benefits Associated with Wetland and Stream Restoration and Protection Projects – Nicholas Miller, Science Director, The Nature Conservancy in Wisconsin; Mark Smith, Deputy Director of the North America Freshwater Program, The Nature Conservancy; Jessica Wilkinson, Senior Policy Advisor for Mitigation, The Nature Conservancy
- Ecosystem Service Valuation for Wetland Restoration: What it is, How to do it and Best Practice Recommendations – Marla Stelk, Policy Analyst, Association of State Wetland Managers
- Wetland Link International North America Webinar II: Best Practice in Designing, Building and Operation of Wetland Education Centers – Chris Rostron, WLI/Nathalie Bays, Oak Hammock Marsh; Marie Banks, WWT Consulting; Katelin Frase, Environmental Concern; Nathalie Bays, Oak Hammock Marsh
- American Wetlands Month Webinar Stormwater, Wetlands and Low Impact Development; Putting the Landscape to Work For Clean Water – LaMarr Clannon: Maine NEMO (Nonpoint Education for Municipal Officials) Director
- Key Findings from ASWM's National Report on State Definitions, Jurisdiction and Mitigation Requirements in State Programs for Ephemeral, Intermittent and Perennial Streams in the United States – Brenda Zollitsch, PhD, Policy Analyst, ASWM
- Arid Land Restoration, Blue Lake Wetlands Project – Tom R. Biebighauser, Center for Wetlands and Stream Restoration
- Living Shorelines – Kevin Du Bois, Environmental Engineer, City of Norfolk, VA
- Nested Financing – Amanda Punton, Oregon Department of Land Conservation and Development
- Options for Financing Environmental Enhancement at the Local Level in Oregon – Glenn Barnes Environmental Finance Center at the University of North Carolina School of Government



Stream Identification/Delineation/Mitigation

ASWM completed this series of webinars in 2014. The webinar topics are provided below.

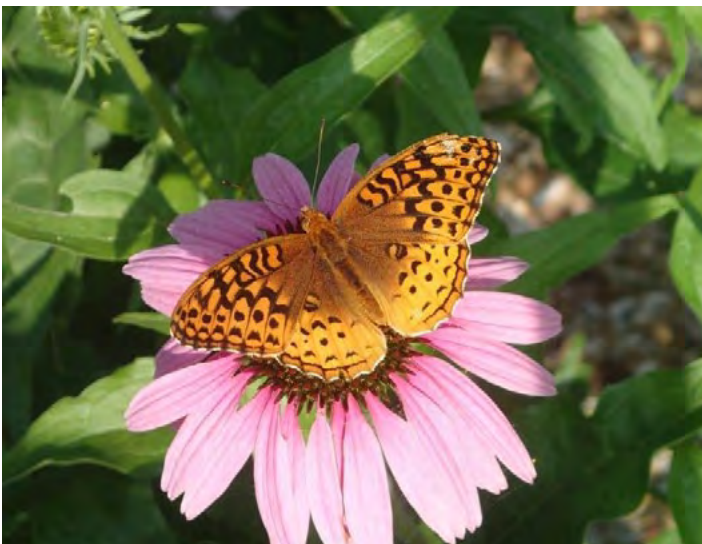
- Key Findings from ASWM's National Report on State Definitions, Jurisdiction and Mitigation Requirements in State Programs for Ephemeral, Intermittent and Perennial Streams in the United States – Brenda Zollitsch, PhD, Policy Analyst, ASWM
- Mitigating for Ditches and Altered/Modified Streams – Susan Lockwood & Vincent Mazzei, New Jersey Department of Environmental Protection; Bettina Sullivan, Virginia Department of Environmental Quality; Vena Jones, Tennessee Department of Environment and Conservation
- Mitigating For Impoundments: Presentation of research on the impacts of impoundments on water quality - Followed by panel presentations by: Robby Baker, Tennessee Department of Environment and Conservation; David Goerman, Pennsylvania Department of Environmental Protection; Stacia Bax, Missouri Department of Natural Resources; Rusty Wenerick, South Carolina Department of Health and Environmental Control
- Learning to “SWVM” (Stream and Wetland Valuation Metric) – Danny Bennett, West Virginia Department of Natural Resources

Wetland Mapping Consortium Series

Webinar topics included:

- State Offsite Methods for wetland determinations in the Prairie Pothole Region of IA, MN, ND and SD – Jason Outlaw, USDA Natural Resources Conservation Service

- Variable Width Riparian Areas Mapping: a Robust GIS Approach – Sinan A. Abood, USDA Forest Service
- Mapping Standards & Requirements – Rusty Griffin, U.S. Fish & Wildlife Service
- Part 1: A Help Guide for Using gSSURGO to Find Potential Wetland Soil Landscapes – John Galbraith, Virginia Tech
- Part 2: Applications of SSURGO soil attributes to potentially restorable wetlands – Kevin Stark, Saint Mary's University
- Surface Waters and Wetlands Inventory: A More Comprehensive Dataset of the Nation's Water Resources – Mitch Bergeson, GIS Specialist, National Standards and Support Team, U.S. Fish and Wildlife Service
- Wetland Landscapes – Techniques for Spatial Definition and Ecological Assessment Using SSURGO, HGM, and GIS tools – Richard A. Weber, P.E., Wetland Hydraulic Engineer, Wetland Team, CNTSC
- Using Land Cover Change Data to Better Understand Wetland Trends – Nate Herold, Physical Scientist, NOAA Coastal Services Center
- The Minnesota NWI Update: A Case Study of Quality Assurance – Steve Kloiber, P.E., Ph.D., Wetland Monitoring Coordinator, Minnesota Dept. of Natural Resources
- The Minnesota NWI Update: Integrating Semi-automated Mapping Techniques into Production Level Wetland Mapping – Robb Macleod, National GIS Coordinator, Ducks Unlimited
- Mapping Forested Wetland Inundation with the Landsat historic Record – Megan Lang, Senior Research Scientist with Science Systems and Applications, Inc. and Coordinator of the U.S. Department of Agriculture Mid-Atlantic Wetland Conservation Effects Assessment Project
- Mapping the Relationship between Inundation and Stream Flow using Landsat Time Series Data – In-Young Yeo, Assistant Professor of Geographical Sciences, University of Maryland
- The Evolution of NWI and How It Has Changed: A Comparison of Old and New Methodologies, Strengths and Weaknesses – Andy Robertson, Saint Mary's University of Minnesota



Natural Floodplain Function Alliance (NFFA)

Webinar topics included:

- The Impact of Wetland Drainage on the Hydrology of a Northern Prairie Watershed – Dr. John Pomeroy, Centre for Hydrology, University of Saskatchewan
- ASCE report on how to address our systemic flood problems – David Fowler, Senior Project Manager, Milwaukee Metropolitan Sewerage District
- Preventing Flood Disasters from Becoming Disastrous – Brian Varrella, Chair, Colorado Association of Stormwater and Floodplain Managers
- Restoration of the Mississippi Delta in a Post-BP Oil Spill Environment – Estelle Robichaux, Restoration Project Analyst, Mississippi River Delta Restoration Team and Whit Remer, Senior Policy Analyst & Attorney, Mississippi River Delta Restoration Team
- Beyond the 100-year floodplain: Experiences in European floodplains under the Flood Directive – G. Mathias Kondolf, Professor of Environmental Planning, University of California, Berkeley and Anna Serra-Llobet, Visiting Scholar Institute of Urban and Regional Development, University of California, Berkeley
- Part 1: New Developments in River Valley Floodplain Mapping: A Survey of FLDPLN Model Applications – Jude Kastens, Kansas Applied Remote Sensing Program, Kansas Biological Survey
- Part 2: TWIP and FLDPLN Applications for Watershed Restoration Activities – Jeff Neel, Kansas Alliance for Wetlands and Streams



Improving Wetland Restoration Success Project

In 2014, ASWM developed a Wetland Restoration Work Group consisting of twenty-five experts including practitioners, regulators, policy makers, scientists and academics. The work group was tasked with developing a series of webinars to delve into the issue more deeply. The webinar topics held in 2014 are provided below.

- Atlantic Coast Coastal Marshes and Mangrove Restoration – Robin Lewis, Lewis Environmental Services, Inc. & Coastal Resource Group, Inc.; John Teal, Woods Hole Oceanographic Institution (Scientist Emeritus); Joseph Shisler, ARCADIS; Jim Turek, NOAA Fisheries Restoration Center
- How to Prepare a Good Wetland Restoration Plan – Richard Weber, NRCS Wetland Team, CNTSC; Tom Harcarik, Ohio EPA, Division of Environmental & Financial Assistance; John Teal, Woods Hole Oceanographic Institution (Scientist Emeritus); Lisa Cowan, Professional Landscape Architect, Studioverde; Mick Micacchion, Midwest Biodiversity Institute
- A History of Wetland Drainage: How They Pulled the Plug – Tom Biebighauser, Wetland Restoration and Training
- How Restoration Outcomes are Described, Judged and Explained – Contributors: Joy Zedler, Aldo Leopold Chair of Restoration Ecology, University of Wisconsin; Robin Lewis, Lewis Environmental Services, Inc. & Coastal Resource Group, Inc.; Richard Weber, NRCS Wetland Team, CNTSC; Bruce Pruitt, USACE Engineer Research & Development Center; Larry Urban, Montana Department of Transportation



2014 Active Projects

Projects Ongoing

State Definitions and Requirements for Ephemeral, Intermittent and Perennial Streams
U.S. Environmental Protection Agency

Identifying Best Management Practices for Restoration
U.S. Environmental Protection Agency

Use Monitoring & Assess to Improve Core Elements
U.S. Environmental Protection Agency

Support Development of Sound Wetlands Policy through State Core Elements Outreach
U.S. Environmental Protection Agency

To Support the Development of State and Federal Policies that Protect and Restore Wetlands and Floodplains along the Mississippi River
The McKnight Foundation

Leadership Grant
Robert and Patricia Switzer Foundation

Looking Ahead to New Projects

High Quality Wetland Training for State and Tribal Wetland Staff
U.S. Environmental Protection Agency

Raising the Bar on Wetland Restoration Success Nationwide
U.S. Environmental Protection Agency

Technical Assistance and Guidance to States
U.S. Environmental Protection Agency

Building Critical Partnerships to Support the National Wetlands Inventory, the Wetland Mapping Consortium and the Association of State Wetland Managers
U.S. Fish and Wildlife Service

Wetland Coordination Meeting 2015
U.S. Fish and Wildlife Service



FINANCIAL REPORT 2014

INCOME

Non Cash (ASWM)	13,080
Contributions (Public Support)	442,096
Program Income	19,177
Membership Dues	17,725
Interest Income	515
Reimbursed Expenses	0
TOTAL INCOME	<u>\$492,593</u>

EXPENSE

Labor (personnel)	\$406,398
Nonlabor	
Commercial Insurance	1,460
Non-employee compensation	3,514
Office Computers (IT)	4,425
General Office	24,101
Program Expense	31,875
Travel Expense	16,457
Miscellaneous	1,335
Total Nonlabor	<u>\$83,167</u>
Cost Share	13,080
TOTAL EXPENSE	<u>\$502,645</u>
NET INCOME	<u>\$-10,053</u>

ASSETS

Current Assets	
Checking/Savings	266,627
Accounts Receivable	7,491
Other Current Assets	100
Total Current Assets	<u>\$274,218</u>
TOTAL ASSETS	<u>\$274,218</u>

LIABILITIES & EQUITY

Liabilities	
Total Accounts Payable	225
Other Current Liabilities	54,721
Total Liabilities	<u>\$54,946</u>
Equity	
Retained Earnings	229,326
Net Income	-10,053
Total Equity	<u>\$219,273</u>
TOTAL LIABILITIES & EQUITY	<u>\$274,218</u>



The Association of State Wetland Managers is a 501(c)(3) nonprofit, nongovernmental organization.

Board of Directors

Officers:



David Davis, Chairman

Dave is the Director of the Office of Wetlands & Water Protection at the Virginia Department of Environmental Quality. In this position, he is responsible for Virginia's independent nontidal wetland regulatory program and non-regulatory wetland programs. He is also a member of the Society of Wetland Scientists. In his spare time, Dave plays bass trombone. A native of Chincoteague Island, Virginia, Dave has resided in Richmond since 1990, is married, and has a precocious daughter who is in the "but why, Daddy" stage.



Collis Adams, Vice Chairman

Collis has served as the administrator of the Wetlands Bureau at the New Hampshire Department of Environmental Services (DES) for the past thirteen years. As the administrator, he oversees all activities relative to the New Hampshire Dredge and Fill Law (NH RSA 482-A) and the Shoreland Water Quality Protection Act (NH RSA 483-B). Collis lives in Goffstown, New Hampshire with his wife Laura. He has two children, one of each, and is particularly proud that he has instilled in them his same sense of love for the outdoors. Collis particularly enjoys spending time along the varied coastlines of New England and he is seldom seen without his yellow lab Zoë at his side.



Mark Biddle, Secretary/Treasurer

Mark is a lead wetland scientist with more than 23 years of experience working for the Delaware Department of Natural Resources and Environmental Control. Currently, Mark is housed within the Watershed Assessment Section, Wetland Monitoring and Assessment Program. Mark holds degrees in Natural Resource Management and Soil and Water Management and attended both Delaware State University and the University of Delaware. Residing in Dover, Delaware, Mark lives with his wife and two daughters. Mark enjoys his time with the family lab Gabby, and hopes that the future holds ample time for two of his other loves, hunting and fishing.

Members At Large:



Deb Baker - Kansas Water Office

Deb Baker is an Environmental Scientist with the Kansas Water Office, the water planning agency and the designated wetland planning agency for the state. In this position, Deb is responsible for securing and administering EPA Wetland Program Development grants, serving as a member of the 404 State and Federal Coordination Group, participating in development of wetland policy and implementing the Kansas Wetland Program Plan.

In addition, she is involved in many watershed planning and assessment activities and has served as a planner for regional Basin Advisory Committees. She is currently coordinating the five year update of the Kansas Water Plan.

Denise Clearwater - Maryland Department of the Environment

Denise Clearwater has worked in Maryland's wetland programs since 1986. She has a background in developing and implementing a regulatory wetland program; a mitigation program; policy development; and special projects for program improvement and grant management. She has represented the Wetlands and Waterways Program in the Maryland Department of the Environment on numerous interagency work groups for regulatory, wetland monitoring, restoration, and preservation and is the co-chair of the Chesapeake Bay Program Wetland Work Group. She is also serving as an ex-officio Board member of ASWM and is a member of the Society of Wetland Scientists. Denise has a B.S. in zoology from the University of Maryland and an M.S. in wildlife management from Frostburg State College (now University).



Doug Fry - Florida Department of Environmental Protection, Environmental Consultant

Doug Fry started with the Department of Environmental Protection (then Department of Natural Resources) in dredge and fill permitting in 1980. He holds a master's degree in biological science from the University of Central Florida (formerly Florida Technological University). He has over 35 years of experience in the wetlands field and has been a

Professional Wetland Scientist since 1996.



Doug Norris - Minnesota Department of Natural Resources

Doug is the Wetlands Program Coordinator for the Minnesota Department of Natural Resources, Ecological and Water Resources Division, a position he has held since 1992. Doug represents the DNR in developing state wetland policies and programs. He was involved in developing the original rules for Minnesota's main wetland regulatory program and has collaborated on numerous subsequent legislative and rule revisions. Doug manages the DNR's program for identifying and regulating impacts to calcareous fens, which receive special protection under state law. He provides guidance and technical assistance to DNR staff in reviewing wetland permits and in complying with wetland regulations for DNR projects. Doug also provides technical expertise in developing wetland assessment methods such as the Minnesota Routine Assessment Method and in developing methods for prioritizing wetland restorations for maximum benefit.



Bill Ryan - Oregon Department of State Lands

Bill Ryan is the Assistant Director at the Oregon Department of State Lands (DSL) leading the Wetlands and Waterways Conservation Division and is responsible for implementation of Oregon's Removal-Fill and Wetlands Conservation Laws. Prior to joining the DSL in June of 2010, Bill enjoyed 14 years at the Oregon Department of Transportation performing environmental compliance work including wetlands delineation and mitigation, mitigation banking, regulatory streamlining and process improvement. Bill started his professional career in Southern California in 1989 working for various planning and engineering firms providing environmental planning and habitat restoration expertise for various planning and engineering firms.

ASWM Staff

Jeanne Christie, Executive Director

Jeanne has been with ASWM since 1999 and Executive Director since 2001. From 1995 to 1999 she was a Resource Conservationist with the USDA Natural Resources Conservation Service, Wetlands and Watersheds Division where she was national program leader for the Wildlife Habitat Incentives Program. She worked for the U.S. Environmental Protection Agency, Wetlands Division (1988-1995) moving from the staff level to Section Chief and Acting Branch Chief. Jeanne is a 2007 winner of the National Wetlands Award for Education and Outreach. During her spare time she competes in ultra runs, teaches digital photography, and does volunteer work with the Maine Chapter of the Appalachian Mountain Club, and Riding to the Top Therapeutic Riding Center. She lives in an 1860 farmhouse in Windham, ME with her husband Larry and their 'rescued' animal companions Tux, Gabby and Massey.

Jon Kusler, Associate Director

Jon is a lawyer, writer, and educator with more than 35 years of experience with wetlands, floodplains and riparian areas. In addition to a law degree, he holds a M.S. in Water Resources Management and an interdisciplinary Ph.D. in Land and Water Management from the University of Wisconsin. He helped found the Association of State Wetland Managers in 1983 and served as its Executive Director from 1990 to 2001. He received EPA's National Wetland Lifetime Achievement Award in 1990, the Gilbert White award in floodplain management in 1979, and the Society of Wetland Scientist's Lifetime Achievement Award in 2009. He has authored many books and reports concerning wetlands, such as *Our National Wetland Heritage: A Protection Guide*, *Regulating Sensitive Lands*, and *Wetland Creation and Restoration*. He lives in an old farmhouse in Berne, New York with his wife Pat, two children (when they are home), many cats, and two lizards.

Peg Bostwick, Senior Staff Policy Analyst

Peg was Chief of the Wetland Lakes and Streams Unit in the Water Resources Division for the State of Michigan – Department of Natural Resources and Environment. Peg joined the (then) DNR in 1979 after completing a B.S. in fisheries and wildlife and additional graduate work in limnology at Michigan State University. With over 30 years of experience, Peg is also a member of the Society of Wetland Scientists, the Michigan Chapter of the North American Lake Management Society, and the Jacob Sheep Breeders Association. Peg lives with her family on a 40 acre farm near St. Johns, Michigan, where they raise Jacob sheep – an old heritage wool breed.

Brenda Zollitsch, Policy Analyst

Brenda began working part-time with ASWM in June. Brenda has her PhD in Public Policy from the University of Southern Maine's Muskie School of Public Service, focusing on environmental policy and collaborative environmental management. She has her M.A. from Boston University and her B.A. from the University of Maine. She comes to ASWM with more than 15 years of nonprofit leadership experience and a strong background in academic and action research, collaboration building, facilitation and organizational capacity building. Brenda works part-time as an independent consultant to environmental collaborations in New England and has been instrumental in developing regional approaches to stormwater management in the State of Maine. She is also a Switzer Environmental Fellow ('09). Brenda is excited to be learning about the intricacies of wetlands policy and practice and is both an avid canoeist and a Registered Maine Whitewater Rafting Guide.

Marla J. Stelk, Policy Analyst

Marla J. Stelk started with the Association of State Wetland Managers in June 2013. She received her undergraduate degree from Colorado College in 1992 with a self-designed degree in Environmental Issues. She received her master's degree this spring in Community Planning & Development: Land Use and the Environment, from the Muskie School of Public Service at the University of Southern Maine. While in graduate school, Marla interned with the York Land Trust, the Presumpscot Regional Land Trust, and the Maine Association of Planners and was a Research Assistant at the Casco Bay Estuary Partnership. She moved to Maine from Martha's Vineyard in 2006, and settled in Gorham with her partner and their dog Alice in 2008. She has owned and operated her own metal sculpture studio business since 1999 and exhibits at various art and fine craft shows in Maine. She enjoys hiking backcountry, kayaking and canoeing on the waters of Maine, gardening, cooking and music.

Dawn Smith, Communications Specialist

Dawn works on multimedia projects, focusing on webinars and short videos. After working in the corporate world for several years, she is redirecting creative energies towards social media, documentaries and short film communication formats. A lifetime resident of Maine, she has an appreciation for the preservation of local heritage and natural treasures, primarily from behind the lens. Working with the Association of State Wetland Managers, she has gained a greater appreciation for the local and national efforts to preserve and rebuild the wetland ecosystems that are all around us.

Steve Palmer, Bookkeeper

Steve has a B.S. in Business Administration from the University of Maine. Steve "re-tooled" after years in sales and has become a specialist for bookkeeping and tax preparations. He has worked for ASWM for six years. A flexible schedule has allowed Steve to donate some of his time to charity nonprofits. Steve and his wife, Dottie, live on a five-acre woodlot near Sebago Lake. They enjoy living in Maine with their Springer Spaniel, Jennie.

Laura Burchill, Program Assistant

Laura is the office manager in the Windham office and has been with the Association since 2004. She is responsible for maintaining the membership information; assists with the many tasks involved in preparing for conferences and workshops; handles publication orders; as well as general office duties. She has 25+ years experience in graphic design and also works part-time for *Parent & Family*, a local publication. When not working, she enjoys spending time with her husband David and grown children, Chris and Stef.

Sharon Weaver, Webmaster

Sharon is the Publications Specialist and Webmaster for the Association in the Berne, New York office, where she has worked for the past 19+ years. Along with general office tasks, she works on the layout and design of Association publications, reports, and brochures. She helps coordinate ASWM workshops and symposia. She manages the ASWM website, which includes daily updates and prepares and designs new webpages. When she is not entertaining company, she enjoys some alone time with her husband, Ken, and grown children Karla and Pieter. She adores her cat and three dogs, who complete the family nest.

