

# WETLAND MAPPING CONSORTIUM

***“The Florida Wetlands Integrity Dataset Part 2:  
Analysis of nonrenewable energy data and  
construction of graph-theoretic networks to  
quantify landscape integrity”***

***John Humphreys & Amir Mahjoor  
Florida Department of Environmental Protection***

**U.S. Fish &  
Wildlife Service**



**Hosted by the Association of State Wetland Managers  
Supported by the U.S. Fish & Wildlife Service**



Photo credit: Jeanne Christie



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# AGENDA



- **Welcome and Introductions (5 minutes)**
- **WMC Webinar Recordings/Schedule (5 minutes)**
- **“The Florida Wetlands Integrity Dataset Part 2: Analysis of nonrenewable energy data and construction of graph-theoretic networks to quantify landscape integrity” (30 minutes)**
- **Question & Answer (15 minutes)**
- **Wrap up (5 minutes)**

# ASWM WEBINAR SERIES MODERATOR

Marla Stelk,  
Policy Analyst

Association of State  
Wetland Managers





# PRESENTERS



**John Humphreys**

Mitigation Banking and Wetland  
Mitigation Assessment Method  
Coordinator



**AmirSasan Mahjoor**

PhD student in  
“Environmental Modeling”  
at Florida State University  
Department of Geography

***Florida Department of Environmental Protection***

# WEBINAR SCHEDULE/RECORDINGS

## Association of State Wetland Managers - Protecting the Nation's Wetlands.



### ASWM Upcoming Webinars

- **The Florida Wetlands Integrity Dataset: Part 2** - September 16, 2015
- **Solar Project Siting and Wetland Permitting** - September 29, 2015
- **Wetland Restoration in Urban and Highly Disturbed Landscapes** - October 13, 2015

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### ASWM Publications

#### Wetland Monitoring and Assessment in Wetland Programs

The Association of State Wetland Managers (ASWM) has recently released a new report - **Wetland Monitoring and Assessment: Considerations for State and Tribal Programs**. This report - which was prepared with assistance from an EPA State Wetland Program Development Grant - explores the various ways that states and tribes could make better use of existing monitoring and assessment methods to obtain science-based answers to wetland management problems. While it provides an overview of many common approaches to wetland monitoring, the focus is primarily on **why** these methods are selected for a given purpose. This report encourages the thoughtful identification of the most appropriate and efficient methods in light of available financial and staff resources. It may be particularly useful to states or tribes that are developing or updating wetland monitoring and assessment strategies.

[Click here to read or download the report.](#)



### Picture of the Week

#### Southward Bound



Jeanne Christie Photo

For information about this picture and to see past pictures of the week [click here.](#)

### ASWM RECENT PUBLICATIONS

- [Ecosystem Service](#)



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# WEBINAR SCHEDULE/RECORDINGS

Association of State Wetland Managers - Protecting the Nation's Wetlands.



### ASWM Upcoming Webinars

- Stream / Wet Meadow Restoration - September 8, 2015
- The Florida Wetlands Integrity Dataset: Part 2 - September 16, 2015
- Solar Project Siting and Wetland Permitting - September 29, 2015

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### ASWM Webinars/Conference Schedule

The Association of State Wetland Managers holds webinars on various topics, most of which relate to a specific project and work group. In addition, ASWM holds webinars as part of its members' webinar series on topics of interest to members. Please click on the webinar group name below for more details about individual webinars. In all cases, if you have any questions about registering for a webinar, please contact Laura at [laura@aswm.org](mailto:laura@aswm.org). If you are a member, and you missed a webinar that was part of the members' webinar series, please contact us. We will post the recordings of the webinars going ahead.

If you haven't used Go To Webinar before or you just need a refresher, please view our guide prior to the webinar [here](#).



A presenter given during a webinar.

### Special Topics Webinars

Future Past

### Members' Wetland Webinar Series

Future Past Members Only Past Nonmembers

### Natural Floodplain Functions Alliance (NFFA)

Future Past

### Wetland Mapping Consortium (WMC)

Future Past

### Improving Wetland Restoration Success Project

Future Past



WMC WEBINAR POSTED FROM JULY 15, 2015

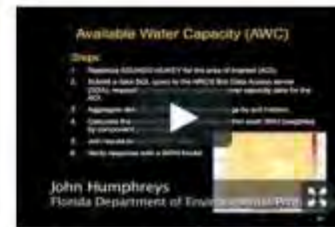
# Part 1 - “The Florida Wetlands Integrity Dataset: Using soils data, topographic indices, and Bayesian probability to identify wetlands”



Part 1: Introduction: Maria Stelk, ASWM Policy Analyst, ASWM  
Presenter: John Humphreys, Florida Department of Environmental Protection



Part 2: Presenter: John Humphreys, Florida Department of Environmental Protection



Part 3: Presenter: John Humphreys, Florida Department of Environmental Protection



Part 4: Presenter: John Humphreys, Florida Department of Environmental Protection



Part 5: Summary and Closing: John Humphreys, Florida Department of Environmental Protection  
Questions/Answers

**John Humphreys and Amir Mahjoor**  
Florida Department of Environmental Protection



# Future Wetland Mapping Consortium Webinar

**Wednesday, October 21 3pm ET:**

**From Bog to Bosque: Steps in a  
Successful Landscape Level Wetland  
Inventory in Northeastern New Mexico –**

Andy Robertson, Saint Mary's University and Maryann  
McGraw, New Mexico Environment Department

# JOIN ASWM: BECOME A MEMBER AND/OR DONATE

Association of State Wetland Managers - Protecting the Nation's Wetlands.



## ASWM Upcoming Webinars

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## New ASWM Publications

### Integration of Monitoring and Assessment in Wetland Programs

The Association of State Wetland Managers (ASWM) is pleased to release a new report - **Uses of Monitoring and Assessment: Considerations for State and Tribal Programs**. This report – which was prepared with financial assistance from an EPA State Wetland Program Development Grant – explores the various ways that states and tribes could make better use of existing monitoring and assessment methods to obtain science-based answers to wetland management problems. While it provides an overview of many common approaches to wetland monitoring, the focus is primarily on **why** these methods are selected for a given purpose. This report encourages the thoughtful identification of the most appropriate and efficient methods in light of available financial and staff resources. It may be particularly useful to states or tribes that are developing or updating wetland monitoring and assessment strategies.

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[laura@aswm.org](mailto:laura@aswm.org)

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# JOHN HUMPHREYS & AMIR MAHJOOR

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participation!*



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