

# **ASWM Wetland Training Availability Webinar**

## **Wetland Mapping Consortium Webinar**

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# Wetland Training Availability

- ▶ Venues: On-line and in-person
- ▶ Costs: free services and paid services
- ▶ Varieties of Information: advertisement trailers; informational videos, forums, blogs, and professional society sites; individual class assignment presentations; how-to presentations; advocacy blogs; full courses
- ▶ Subject matter: college courses: full wetland delineation and sciences; paid courses and training: full wetland delineation; webinars and videos: plant identification, basic knowledge and concepts about wetlands
- ▶ Adequacy as a Training Tool: varied
- ▶ Needs: To be discussed

# On-line (selected examples)

- ▶ YouTube™ [3,360] “wetland training” “wetland delineation”
  - ▶ Maybe two dozen with training value, few have details, most are informational about wetlands. Many advertise formal training.
  - ▶ Wetland Delineation, guide for beginners and land owners, PE Consultants LLC salamanders101 Primer. Series of videos taken in field, informational.
  - ▶ Wetlands ID Training by Wetlands Training (10 videos) of field and class lectures, about 80 minutes total.
  - ▶ Wetlands Scientist LESS Productions (lecture on role of wetlands)
  - ▶ Wetland Delineation Training 2010 Swamp School Video Syllabus Marc Seelinger, <http://swampschool.org> – Ad for onsite training
  - ▶ Wetland Plants, Wetland Invasives - River of Rushes part 7 msameigh – informational
  - ▶ Aquatic Biomes Wetlands | Biology | Ecology greatpacificmedia selling a DVD – ad and informational

# On-line

## ▶ Vimeo™ [2,198]

- ▶ Almost none of the Vimeo uploads were useful.
- ▶ “wetland training” – 0, “wetland delineation” – 1 (not useful), “wetland identification” – 0
- ▶ 1 video with pictures of wetland plants, no sound.

# On-line

## ▶ Facebook™

- ▶ Only a few pages
- ▶ UWB Wetlands game – 32 people play this game. University Washington Bothell Wetlands restoration game. App you can download to your phone or iPad
- ▶ Wildfowl & Wetlands Trust (WWWT) – informational
- ▶ The Wetlands Institute, Stone Harbor, New Jersey – informational

## On-line – Government Agency

- ▶ NOAA's National Coastal Data Development Center is offering a free online metadata training course every Tuesday from May 14th through June 25<sup>th</sup>, 2013.  
[www.ncddc.noaa.gov/metadata-standards/metadata-training/](http://www.ncddc.noaa.gov/metadata-standards/metadata-training/)
- ▶ USDA-NRCS -  
<http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/nedc/training/wetlands/> - **for govt. employees**
- ▶ Information, about wetlands but not training per se – US EPA, USFWS, USDA-NRCS, USA COE Environmental Laboratory, State DEQ

# On-line

## ▶ Professional Societies

- ▶ ASWM - <http://aswm.org/wordpress/>
- ▶ SWS - <http://www.sws.org/training/>
- ▶ Wetlands International
- ▶ Soil Sci Soc Am - <https://www.soils.org/education>
  - ▶ Riparian Systems: Ecology, Function and Management - An Online Course from the Soil Science Society of America \$240 incl. CEUs

## On-line Google™ Search “Wetland webinar”

- ▶ “wetland webinar” [19,600 results]
- ▶ Most are from ASWMM, consultants, agencies, course ads
- ▶ Hundreds of useful links

## On-line Google™ Search “Wetland forum”

- ▶ “wetland forum” [4,310]
- ▶ New York State Wetlands Forum –  
[www.wetlandsforum.org](http://www.wetlandsforum.org) - not really a forum, an info site;
- ▶ Many international sites



# On-line Google™ Search “Wetland Blog”

- ▶ “wetlands blog” [3,020]
  - ▶ Mainly blogs about individual wetlands from citizen groups interested in protecting them

## On-line Google™ Search “College Courses”


- ▶ “On-line wetland course” – Virginia Tech, U. of Alberta
- ▶ college “wetlands course” [1,430]
  - ▶ About 40 are bona-fide college courses – **in person**
  - ▶ Other training courses are listed – most **in person**
  - ▶ Apparently there is a golf course called the “Wetlands Course”
- ▶ “wetland course” [4,050] – much of the same as above
- ▶ Also SWS – voluntary listing of college programs

# Finding Training Courses – On-line, In Person

- ▶ USA COE -  
<http://el.erdc.usace.army.mil/training.cfm?Topic=none>
- ▶ ASWM - <http://aswm.org/wordpress/> *The Compleat Wetlander*
- ▶ SWS - <http://www.sws.org/education/>
- ▶ USDA-NRCS – search “wetland training” [945]
- ▶ US EPA – search “wetland training” [4,520]
- ▶ US FWS - [training.fws.gov/ Wetland Mapping Training!](http://www.fws.gov/habitatconservation/nwi/wetlands_mapping_training/index.html)  
[http://www.fws.gov/habitatconservation/nwi/wetlands\\_mapping\\_training/index.html](http://www.fws.gov/habitatconservation/nwi/wetlands_mapping_training/index.html)

# Forums

- ▶ SWS - Wetland Forum – 275 topics, 3764 posts, some up to 70,000 views


**Society of Wetland Scientists**

This board is for the discussion of any wetland topic. Please be aware of the [requirements](#) for posting on these boards. They are moderated.

**Online Now: 7**

There are currently 0 member(s) and 7 guest(s) in this forum.

[SWS Website](#)
[SWS Forum - Main Page](#)
[SWS Forum - Main Page](#)
[General Wetland Topics](#)

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<a href="#">Login/Join</a>					
	Topic	Topic Starter	Replies	Views	Last Post
	<a href="#">Supreme Court Will Hear CWA Enforcement Case</a>	Johnny Stevens	1003	69438	03 May 2013 11:43 AM by <a href="#">Matt Reed</a>
	<a href="#">Groundwater Wetland Study Group</a>	Tom Baugh	0	42	28 April 2013 06:55 PM
	<a href="#">Frog phobic drains new wetland</a>	Andrew Geffert	3	147	24 April 2013 09:28 AM by <a href="#">Matt Reed</a>
	<a href="#">Scouring Rush</a>	Travis Stuck	4	134	24 April 2013 08:34 AM by <a href="#">Eugene Nichols</a>
	<a href="#">Wetland construction costs for NOVA</a>	David Tribble	1	5817	19 April 2013 12:28 PM by <a href="#">Cindy Foreman</a>
	<a href="#">Combative Developer</a>	Matt Reed	63	1505	11 April 2013 10:22 AM by <a href="#">Patrick Murphy</a>
	<a href="#">Groundwater Wetlands Study Group</a>	Tom Baugh	0	69	04 April 2013 07:56 AM
	<a href="#">Groundwater Wetland Study Group Grows</a>	Tom Baugh	1	2696	22 March 2013 06:10 PM by <a href="#">Addam Jannice</a>
	<a href="#">Groundwater Wetlands Study Group</a>	Tom Baugh	0	104	13 March 2013 10:17 AM
	<a href="#">Need wetlands scientist to evaluate Pebble mine baseline studies</a>	Todd bryan	0	209	04 March 2013 06:19 PM
	<a href="#">quakertown swamp</a>	Gina Frederick	4	1902	04 February 2013 11:51 AM by <a href="#">Edward Bonner</a>

# Forums

- ▶ ASWM – <http://aswm.org/forum/index.php>

The screenshot shows the ASWM Forum website. At the top left is the logo for the Association of State Wetland Managers (ASWM). The main header features the text "ASWM Forum" and a sub-header "Includes Wetland Mapping Consortium Forum and Natural Floodplains Function". Below the header, there is a navigation bar with "Hello There, Guest!", "Login", "Register", "Search", "Member List", and "Calendar".

The main content area is titled "ASWM Forum" and contains several sections:

- FAQs and Getting Started**: A green header with a dropdown arrow. Below it, a text box says "If you are new to the forum or have questions, this is where to start."
- Forum List (Help)**: A table with columns "Forum", "Threads", "Posts", and "Last Post".

Forum	Threads	Posts	Last Post
<b>Help</b> First place to look when you have questions. Basic instructions for maintaining a forum account.	8	8	Replying to Posts 09-19-2012 11:48 AM by Dawn
- ASWM Projects**: A green header with a dropdown arrow. Below it, a table with columns "Forum", "Threads", "Posts", and "Last Post".

Forum	Threads	Posts	Last Post
<b>Restoration Permitting</b>	-	-	-
<b>401 Certification</b>	-	-	-
<b>Streams</b> Mitigation Identification Delineation	-	-	-
<b>Wetland Program Plans</b> Sub Forums: <a href="#">Webinars</a>	-	-	-
<b>10/26/12 U.S. EPA webinar</b> First demonstration of ASWM forum to U.S. EPA	-	-	-
- Wetland Programs**: A green header with a dropdown arrow. Below it, a table with columns "Forum", "Threads", "Posts", and "Last Post".
- Conferences / Meetings / Webinars**: A green header with a dropdown arrow.

# Professional Certification Programs

- ▶ SWS - <http://www.wetlandcert.org/>
- ▶ State programs

# Adequacy as a Training Tool

- ▶ Subjective rating:
  - ▶ 1) college course
  - ▶ 2) week-long field and classroom training
  - ▶ 3) shorter field and classroom training
  - ▶ 4) select webinars and posted lectures
  - ▶ 5) professional certification training/testing
  - ▶ 6) forums

Needs:



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