

2010 Municipal Inland Wetland Commissioners Training Program: Segment 3



State of Connecticut
Department of Environmental Protection
79 Elm Street, Hartford CT 06106-5127
Amy W. Marrella, Commissioner
www.ct.gov/dep

The 2010 Training Program

The Municipal Inland Wetland Commissioners Training Program is presented by the Connecticut Department of Environmental Protection (DEP) Wetlands Management Section. Pursuant to the General Statutes of Connecticut Section 22a-39, the DEP is charged with developing an annual comprehensive training program for inland wetlands agency members and staff. The annual program covers a broad range of legal, administrative and scientific subjects relevant to municipal inland wetlands regulation.

Who should attend?

The Municipal Inland Wetland Commissioners Training Program is intended for Connecticut's 170 municipal inland wetlands agencies. The training program is organized into three segments in order to meet the varying needs and diverse backgrounds of agency members and staff. The three segments are designed as follows:

- ▲ Segment 1 is tailored for **new** agency members and staff.
- ▲ Segment 2 is recommended for all agency members and staff.
- ▲ Segment 3 is designed for agency staff (wetland agents) and experienced agency members.

Is pre-registration required?

Due to limited enrollment, participants must pre-register. Registration is on a first-come, first-served basis with priority being given to inland wetlands agency members and staff. Registrants will receive confirmation and directions online or in the mail.

What happens if a program segment is cancelled or rescheduled?

The DEP reserves the right to cancel or reschedule the training program. Registrants will be notified at the earliest possible time and offered a different date/location. If the participant is unable to switch to a different date/location any paid registration fees will be refunded in full.

Can a refund be made if a participant needs to cancel?

Registration fees are refundable only if cancellation is received 48 hours prior to the start of the program. If cancellation is received with less than 48 hours notice the participant will be charged the full program fee. **This applies to voucher registrants as well.** Please call the UConn student services office at 877-892-6264 or 860-486-4905.

Are program registration fees waived for any reason?

CT General Statute Section 22a-42(d) provides that the DEP waive program registration fees for one person from each town. A voucher for Segment 3 of the 2010 Municipal Inland Wetland Commissioners Training Program has been sent to each town's inland wetlands agency with instructions on its use. To receive complimentary registration, the designated representative must include the **original DEP voucher** with the mailed registration form or use the voucher code with online registration. **Participants that register for a Segment using the voucher and fail to attend, or fail to cancel at least 48 hours prior to the start of the program, will be charged the full program fee.**

Which segment meets the agent training requirement pursuant to CT General Statute Section 22a-42a(c)(2)?

The Statute requires duly authorized wetland agents to complete the DEP's comprehensive training program before the above authority can be delegated to them by their inland wetlands agency. Agents who have completed all segments of a DEP Municipal Inland Wetland Commissioners Training Program offered annually since 1995 meet this requirement. Other agents must complete all segments of the 2010 or a future annual training program to meet this requirement.

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Workshop Description

Connecticut's Inland Wetlands and Watercourses Act: Geospatial Data and Geographic Information System (GIS)

Segment 3 is designed for municipal inland wetlands staff and experienced commission members. This all-day program will provide participants with an introduction to the rapidly expanding world of geospatial data and geographic information systems (GIS), including aerial photography and remotely sensed imagery.

In the last few years there has been an explosion of mapping applications on the web. These websites give the public access to huge amounts of geospatial data. This data is supported by a geographic information system (GIS). GIS is any system that captures, stores, analyzes, manages, and presents data that are linked to a location. Lower costs and continual improvements in the hardware and software components of GIS have resulted in much wider adoption of the technology throughout science, government, business, and industry. Many disciplines, including municipal planning and natural resource management, can benefit from GIS technology. This is especially true for Connecticut's municipal inland wetlands agencies, which are likely to be presented with, or use, GIS and online mapping applications when reviewing requests for permits or conducting enforcement.

Segment 3 will be conducted in a computer lab classroom and will begin with an introduction to geospatial data and the science behind GIS. During the introduction participants will search for a few common online mapping applications. Next, there will be discussion and hands-on activities to learn how to use Connecticut Environmental Conditions Online (CTECO) (www.cteco.uconn.edu), a maps and geospatial data website that provides access to the most up-to-date and complete natural resource information available statewide. CTECO is a tool that can be used by local, state, and federal agencies, and the general public. The day will continue with a lecture on the importance of municipal parcel data including a demonstration of a GIS visualization tool that can help inland wetlands agencies and staff understand and simulate land-use change in three dimensions. Finally, the program will end with a presentation on the utility of GIS for ecological research. This talk will focus on aquatic invasive species in Connecticut's lakes and ponds and will show how GIS can improve early detection and allow a rapid response to this problem.

Guest speakers will include: Gregory Bugbee, CT Agricultural Experiment Station; Mark Goetz, Northeastern Connecticut Council of Governments; Howie Sternberg, Connecticut Department of Environmental Protection; and Carl Zimmerman, United States Coast Guard Academy.

Important Program Details

- All workshops will be conducted from 9:00 AM – 4:00 PM.
- Pre-registration is required, no walk-in registrations will be allowed.
- The programs will be held in computer labs; there is no outdoor component to this year's Segment 3 sessions.
- Due to the popularity of Segment 3, please cancel (by calling 860-486-4905) if you cannot attend so that we may admit someone from the waiting list.
- Cancellation must be received at least 48 hours prior to the start of the program for a refund.
- Voucher registrants who fail to attend a Segment or fail to cancel at least 48 hours prior to the program will be charged the full program fee of \$60.00.
- Morning refreshments will be provided.
- It is highly recommended that participants bring a lunch. (Those attending the Bridgeport or Torrington session may plan to use the campus cafeteria. There will be no open on-site cafeteria at the Danielson or Hartford locations.)

Registration Form Wetlands

Segment 3 Fall 2010

Please copy this registration form for additional registrants.

Online registration:

Have credit card information ready.

Visa, MasterCard, Discover, Diners International.

<http://continuingstudies.uconn.edu/professional/dep/wetlands.html>

Mail:

Enclose completed form & DEP voucher, check or P.O.:

University of Connecticut, Student Services Office,

One Bishop Circle, Unit 4056, Storrs, CT 06269-4056

Name _____
(Name as it will appear on your certificate, if applicable.)

Phone: Day (____) _____

Evening (____) _____

Preferred Mailing Address: Home Business

Street _____

City _____ State _____ Zip _____

Email _____

Please list any special needs you may have.

The following required information must be provided for this registration form to be processed.

Check one of the following:

I am a member of my municipal Inland Wetlands Agency for the Town/City of: _____

I am a municipal employee hired/assigned to support the Inland Wetlands Agency for the Town/City of: _____

My title is: _____

Other, please briefly explain (i.e.: Conservation commission member, concerned citizen, consultant, etc.) _____

Certificate Group #3309

Segment 3, Term 1108

Saturday, October 30, Danielson, Quinebaug Valley Community College, (S301) 9AM – 4 PM

Thursday, November 4, Bridgeport, Housatonic Community College, (S302) 9AM – 4PM

Tuesday, November 16, Torrington, UConn Torrington Campus (S303) 9AM – 4PM

Saturday, December 4, Hartford, UConn Graduate Business Learning Center, (S304) 9AM – 4PM

Fee: \$60 per course section

(includes handouts and refreshments)

DEP voucher # _____ enclosed.

Check enclosed made payable to UConn.

PO# _____

Directions to segment locations are available online (<http://continuingstudies.uconn.edu/professional/dep/wetlands.html>).

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