

MONROE COUNTY



SOIL & WATER
CONSERVATION DISTRICT

WESTERN NEW YORK STORMWATER MANAGEMENT TRAINING SERIES

February — May 2025

Classes start February 26th and are held every 3 weeks through May.

Classes run 4 hours from 8:30am to 1:00pm.

VIRTUAL via ZOOM

WORKSHOP FEE: \$175 PER CLASS

4 PDHs, 4 LUs, and 4 CEUs are expected to be awarded for all of these classes.

Series Co-Sponsored by:



REGISTRATION

Fill out the online registration through the MCSSWCD website:

<https://monroecountyswcd.org/wny-stormwater-management-series/>

Additional details will be sent to registered individuals prior to the class date including Zoom registration information to access the course.

Course details, descriptions, and registration can also be found online:

<https://monroecountyswcd.org/wny-stormwater-management-series/>

PAYMENT

We accept credit card payments over the phone or online through Square

OR

Mail a check to our office
Please make checks payable to:

MCSWCD

Registration and payment must be received by our office at least 1 week prior to the class date.

PRINCIPAL INSTRUCTOR:

John Dunkle, P.E., CPESC, CPMSM

John has been a practicing civil engineer since 1981, and is a Certified Professional in Erosion & Sediment Control (CPESC), and a Certified Professional in Municipal Stormwater Management (CPMSM).

John has prepared & reviewed Stormwater Pollution Prevention Plans (SWPPPs), provided guidance for Municipal Separate Storm Sewer Systems (MS4s), & participated with NYS DEC in the development of the current stormwater regulations & design manuals.

John also teaches a graduate level Stormwater Management class at SUNY-Environmental Science & Forestry, & has been conducting stormwater trainings across New York State for over 15 years. He was also Planning Board Chairman for 12 years in his hometown.



WHO SHOULD ATTEND

- Code Enforcement Officers
- Consulting/municipal design engineers
- Municipal Planning Board members
- Land use planners/developers
- Stormwater professionals
- Teachers
- Municipal staff
- Consultants
- Landscape Architects

Monroe County Soil & Water Conservation District

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<https://monroecountyswcd.org/>

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2025 COURSES

Registration starts at 8:00am
Classes will be held from 8:30am-1:00pm

Course details, descriptions, and registration can also be found online:
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Course	Date	Description
THE NEW STORMWATER DESIGN MANUAL	2/26/2025	This class will review the 2024 NYSDEC Stormwater Design Manual, including new stormwater management practices (SMPs), clarifying calculations for designing SMPs, providing enhanced guidance for implementing SMPs, updating precipitation data criteria, improving document organization, providing enhanced guidance for addressing pollutants of concern, adding green infrastructure SMPs for poor site conditions, and providing guidance on addressing climate change. NYSDEC personnel will participate.
THE NEW STORMWATER CONSTRUCTION PERMIT	3/19/2025	The Stormwater Construction permit is the template for designing Stormwater Pollution Prevention Plans (SWPPPs) for development projects in NY. The new 5 year version of the permit will be issued by NYSDEC. This comprehensive class will guide participants through the many permit conditions and requirements pertaining to various development scenarios, as well as the steps of site planning, design, evaluation, and reporting necessary for obtaining NYSDEC stormwater permit coverage in NY. Updates to the permit from the 2020 version will be emphasized. NYSDEC personnel will participate.
ADAPTING TO A CHANGING CLIMATE	4/9/2025	Communities across NY are experiencing ever-increasing variability of weather conditions affecting local flooding and water quality. Old assessment models, design standards, and community policies may not be capable of providing the desired results in the changing climate. This class examines how climate change is impacting precipitation, runoff, and the criteria used to establish the design standards for stormwater management and floodplain regulations. Recent precipitation trends will be examined, along with exploring alternative design criteria to assess and adapt to these trends. One of the key elements for adapting landscapes to climate change is resilience. Numerous retrofitting techniques and designs for “softening” hardscapes will also be examined, as well as fresh approaches to floodplain assessment and development.
REDEVELOPMENTS AND RETROFITS	4/30/2025	This class will cover two specific applications of Stormwater Management and Land Planning: Redevelopment and Retrofits - Chapter 9 of the NYSDEC Stormwater Management Design Manual, dedicated to the unique design standards on redevelopment sites. Retrofitting the urban landscape with green infrastructure is a very effective tool for municipalities to improve water quality, and reduce runoff in impaired watersheds. The class will explore numerous retrofitting opportunities and techniques to transform the conventional, hardscapes of developed areas to a more resilient form through design examples, class exercise, and case studies. NYS EFC personnel will participate.
MS4 PERMIT UPDATES AND COMPLIANCE	5/21/2025	The 2024 MS4 General Permit has been out for over a year. Now is the time to fine tune some of the Stormwater Management Plan components as well as look at items further out on the compliance timeframe. This class, presented by Andy Sansone of Monroe County and Christina Chiappetta of NYSDEC, will review some requirements from the 1 year compliance timeframe: SWMP plan update and construction oversight program. This class will also cover some 2 and 3 year compliance requirements: mapping, monitoring locations, and municipal operations and municipal facilities.

NY Statewide Stormwater Training

The New York Regional Stormwater Training Centers are a Statewide Partnership between Cornell Cooperative Extension Orange and Saratoga Counties, the Central New York Regional Planning & Development Board, and Monroe County SWCD. Our goal is to provide the best technical training to all stormwater professionals working in New York State.