

AGENDA

Stormwater Control Measure Retrofit and Rehabilitation Workshop

<https://www.bae.ncsu.edu/workshops-conferences/stormwater-retrofit/>

Many stormwater control measures (aka BMPs) were installed using now-outdated designs. Furthermore, many of these practices are no longer working as intended. This workshop reviews (often simple) ways of improving existing practices. SCMs such as bioretention, dry ponds, downspout disconnections, wet ponds, swales, and rainwater harvesting systems can all be improved by minor modifications. This benefits parties interested in improving and accounting for nutrient removal, pathogen retention, runoff volume mitigation, carbon sequestration, and practice appearance. Note: attending this class will provide a 1-year extension for Stormwater SCM Inspection & Maintenance Certification.

8:30 a.m.	Registration
9:00 a.m.	Introduction and Background: <ul style="list-style-type: none"> • Reasons for Retrofits and Rehabilitation
10:15 a.m.	Break
10:30 a.m.	Hydrology Benefits <ul style="list-style-type: none"> • Bioretention • Downspout Disconnections • Rainwater Harvesting • Blue Roof/Green Roof
12:00 p.m.	Lunch (provided)
12:45 p.m.	Water Quality Benefits <ul style="list-style-type: none"> • Dry Ponds • Wet Ponds • Swales • Bioretention
2:45 p.m.	Break
3:00 p.m.	Using Models to Assess Retrofit Effectiveness
4:30 p.m.	Adjourn

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