

Bioretention Masterclass Course Manifest

Instructor: Joe Brascher, Doug Beyerlein, P.E., P.H., D.WRE

11 Part Video Course

1. **MODULE 1: Introduction to WWHM**
2. Module 1 – Bioretention Modeling Done Right
3. **MODULE 2: Bioretention in WWHM 2012**
4. Module 2.1 – Quick Swale, Check Boxes, and Functions
5. Module 2.2 – Bioretention Dimensions
6. Module 2.3 – Material Layers and KSAT Safety Factors
7. Module 2.4 – Underdrain Risers and Results
8. Module 2.5 – Tables and Infiltration
9. **MODULE 3: Advanced Theory**
10. Module 3.1 – Basic Modeling Scenario
11. Module 3.2 – Water Quality and Infiltration
12. Module 3.3 – Sizing for Duration Matching
13. Module 3.4 – Modeling with other WWHM 2012 Elements
14. Module 3.5 – Bioretention Paired with Downstream Storage
15. **Bonus Module – WWHM 2012 for Beginners**
16. Installing WWHM 2012
17. Introduction and File Paths
18. Map Controls
19. Help Files
20. Elements
21. **Bonus Module – Element Overviews**
22. Landuse Basin
23. Trapezoidal Pond
24. Storage Vault
25. Natural Channel
26. Time Series
27. Lateral Impervious Basin
28. Gravel Trench Bed
29. Sand Filter
30. Flow Splitter
31. Green Roof
32. Permeable Pavement
33. Bioretention
34. **Bonus 1 – Project Template Pack**
35. **Bonus 2 – Practice Projects**
36. **Bonus 3 – PDH Credits**

