

# **Planning Hydrology, Vegetation, and Soils for Constructed Wetlands**

## **Course Agenda**

1. Preparing goals
2. Wetland functions and values
3. Basic elements of a mitigation plan
4. Hydrogeomorphology
5. Assembly rules
6. Basics of wetland Hydrology
7. Quantifying hydroperiod/hydrograph for planning
8. Models of wetland construction
9. Subgrade and substrate
10. Soil amendment
11. Soil seed banks
12. Plant adaptation to wetland conditions
13. Planning vegetation in zones
14. Preparing a planting plan
15. Reference Wetlands
16. Performance Standards
17. Basics of monitoring constructed and restored wetlands