



Hydric Soil Indicators for Wetland Delineation

DuPage County Office of Homeland Security & Emergency Management
418 N. County Farm Road, Wheaton, IL 60187

Fee: \$200 payable to Illinois Soil Classifiers Association

April 27, 2023

Soil Properties and the Hydric Soil Indicators

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8:00-8:30

- Registration

8:30-11:30

- Introduction
- Basic Properties of Hydric Soils
- Formation of Redoximorphic Features
- Soils, Landscapes, and Water Flow
- Introduction to Hydric Soil Indicators
- Hydric Soil Indicators of the Midwest Supplement and how to describe them

11:30-12:00

- Soil Texture Exercise

12:00-1:00

- Lunch (on your own).

1:00-3:30

- Hydric Soils in the Field- Group Leaders guide participants through the descriptions and indicators

April 28, 2023

Field Application of Hydric Soil Indicators

Location TBD

8:00-8:30

- Registration

8:30-8:45

- Recap of Day 1

8:45-9:15

- Disturbed and Problem Soils

9:15-12:30 Field Identification of Indicators

- Hydric Soils in the Field. Groups and Group Leaders

12:30-12:45

- Review of the field activity

Instructors

All instructors are members/soil classifiers of the Illinois Soil Classifiers Association

Kenneth N. Anderson, Jr., Engineering Resource Associates

Mark Bramstedt, Soil Scientist, USDA Natural Resources Conservation Service (retired)

Mary Beth Falsey, Water Quality Supervisor, DuPage County Stormwater Management

Clayton Heffter, Stormwater Permitting Manager, DuPage County

Alicia Metzger, Professional Wetland Scientist/Soil Scientist, V3 Companies

Technical Support

Jenna Fahey and Angela Levernier, Wetland Supervisor, DuPage County Stormwater Management

Co-sponsors

Illinois Soil Classifiers Association

DuPage County Stormwater Management

Engineering Resource Associates

V3 Companies

References

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United States Department of Agriculture, Natural Resources Conservation Service. 2017. Field indicators of hydric soils in the United States, version 8.1. L.M. Vasilas, G.W. Hurt, and J.F. Berkowitz (eds.). In cooperation with the National Technical Committee for Hydric Soils.

Vepraskas, M.J. 2015. Redoximorphic features for identifying aquic conditions. Technical Bulletin 301. North Carolina Agricultural Research Service, North Carolina State University, Raleigh, NC.