

# The Wonderful World of Wetlands...



# What is a wetland?

Wetlands are transitional areas between well-drained uplands and permanently inundated aquatic habitats.



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U.S. Army Corps of Engineers 1987 Manual



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# Wetland delineation

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A repeatable (scientific) procedure to determine the boundary of a wetland (determining the location of the interface between wetland and non-wetland).

1. Review maps and aerial photographs
2. Field investigation – data collection
3. Data analysis and report of findings









# Three Wetland Criteria

- **Vegetation** - hydrophytic species
- **Soils** - hydric
- **Hydrology** – evidence of hydrology and anaerobic conditions



# Three Wetland Criteria

**Note: While vegetation can be observed on the ground surface, the soils...and sometimes the hydrology... needs to be observed below the surface.**



# Types of Wetlands

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- Emergent Marsh
- Wet/Sedge Meadow
- Wooded/Forested Wetland
- Seep/Spring/Fen
- Farmed Wetland

# Types of Wetlands: Emergent Marsh



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# VARIETY & DIVERSITY!

