The Development of a Multiple Collaborator Venture Connected to the National Wetland Condition Assessment in North Dakota













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- Assessment of wetlands of the contiguous
 United States and Alaska
- First ever national survey of the condition of the nation's wetlands
- 1,179 total wetland sites were visited in 2011

National Wetland Condition Assessment – Why?

- Determine the ecological integrity of the nations wetlands
- Build state and tribal capacity for wetland monitoring and analyses
- Promote collaboration across jurisdictional boundaries
- Achieve a robust, statistically-valid set of wetland data
- Develop baseline information to evaluate wetland trends

National Wetland Condition Assessment – Intensification Projects

- Gulf of Mexico Coastal Wetlands Pilot Survey
- Mid-Atlantic Inland Wetlands Survey
- California Estuarine Assessment
- Minnesota Statewide Wetlands
- Ohio Wetlands Monitoring Program
- New England Coastal Wetlands
- North Dakota Prairie Potholes
- Southeast Isolated Wetland Assessment

National Wetland Condition Assessment – Intensification Projects

- Funding for the intensification projects was given by the National EPA to Regional EPA branches via Wetlands Program Development Grants
- NDSU received funding from one of these grants through the NDDH

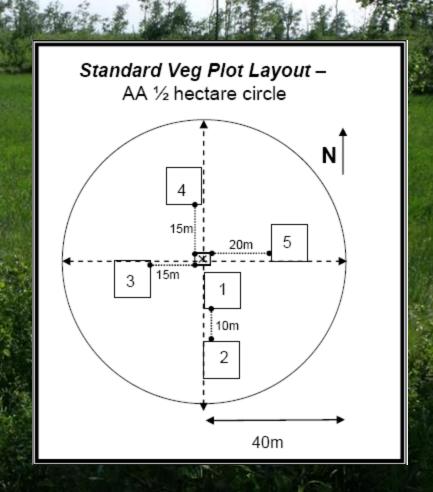
National Wetland Condition Assessment - Design

- Design was developed as a collaboration between the EPA and the US Fish and Wildlife Service
- All sites were a part of the US FWS Status and Trend Plots
- Generalized Random Tessellation Stratified survey of the wetland resources within the 2 mile X 2 mile plots



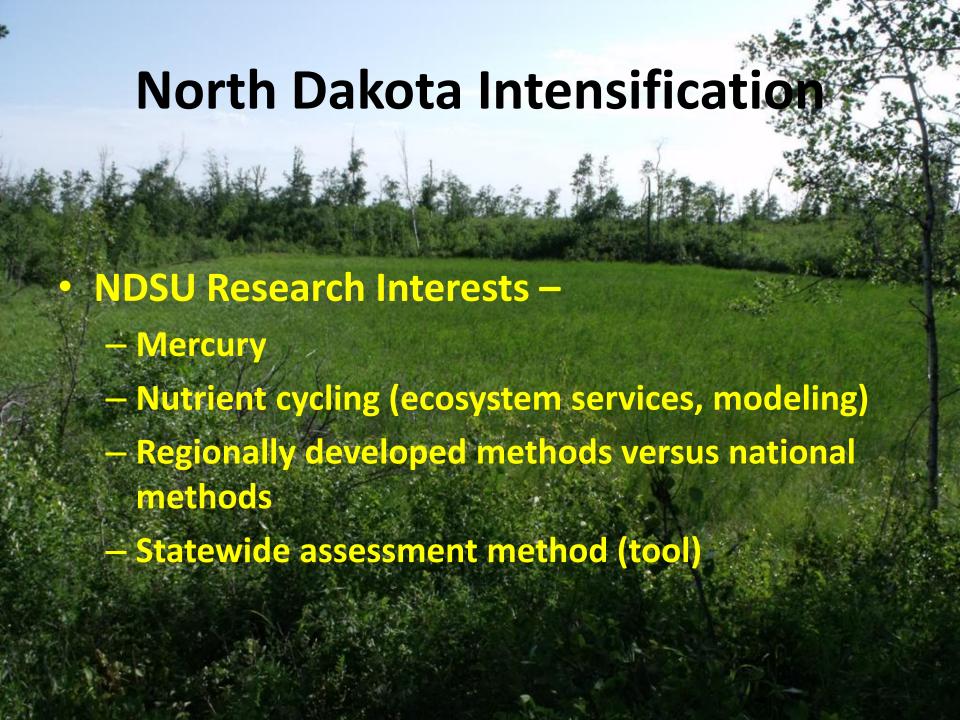
National Wetland Condition Assessment - Methods

- Vegetation
- Soils
- Hydrology
- Water Quality
- Algae
- Buffer









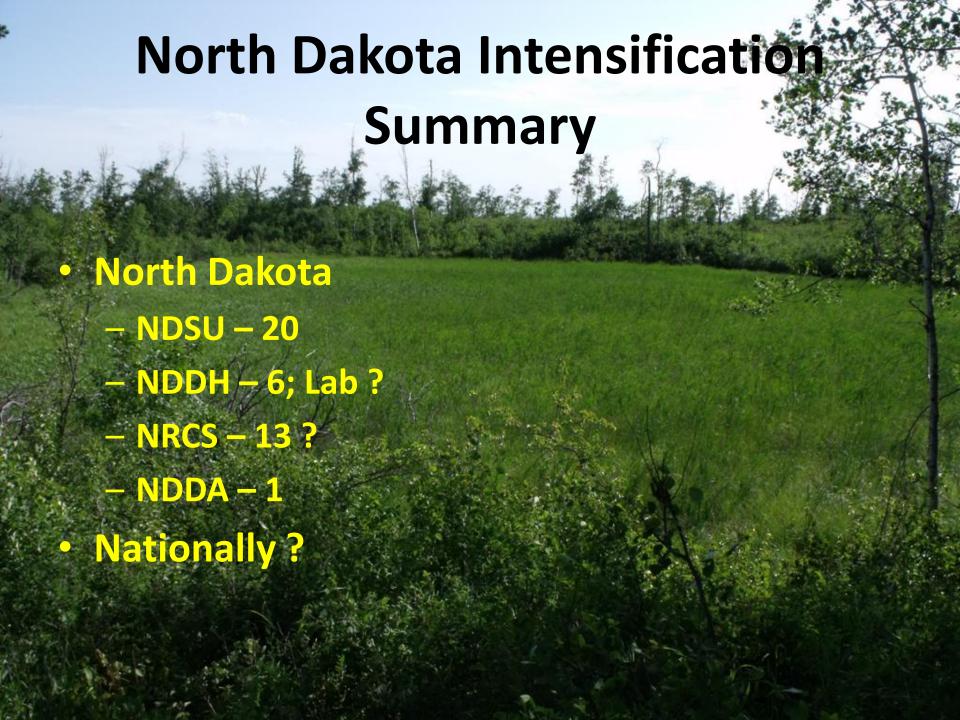












To Name Just a Few

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Lance Duey

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Perry Sullivan

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