

Lake Superior Community Resource Inventory



Jesse Schomberg

MN Sea Grant/Northland NEMO

Background

45 communities:

12 cities

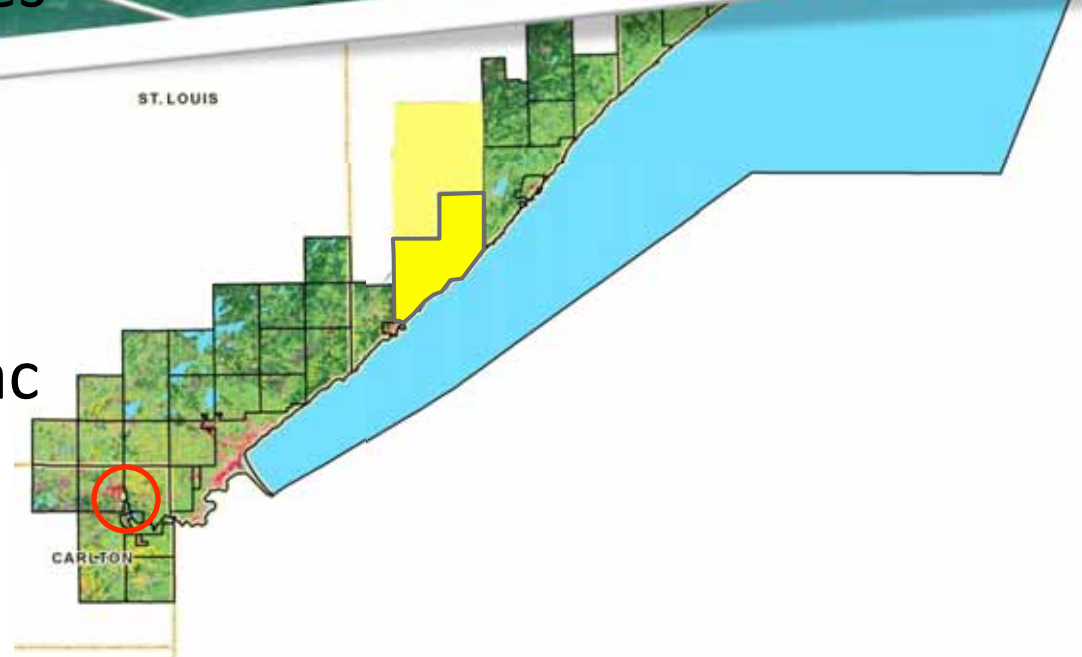
33 townships

Smallest: 0.88 sq miles

Largest: 296 sq miles

Pop Range 84,000 to
128

Pop Density 1.6 ppl/ac
to 0.001 ppl/ac





delivering GIS databases
of the North Shore
of Lake Superior

Coastal GIS

Overview

Coastal Data Index

On-Line Maps

Decision Support Materials



CRI Home

Build Your CRI

Use Your CRI

Enhance Your CRI

Resources

Scanlon City

Natural Resources

Base Map

- Aerial Photo
- Topography
 - Shaded Relief
 - Slope

Land Cover

- NLCD
- Forest Types

Watersheds

- DNR Watersheds
- Subcatchments

Soils

Water Resources

- Surface Water
- Wetlands
- Water Quality

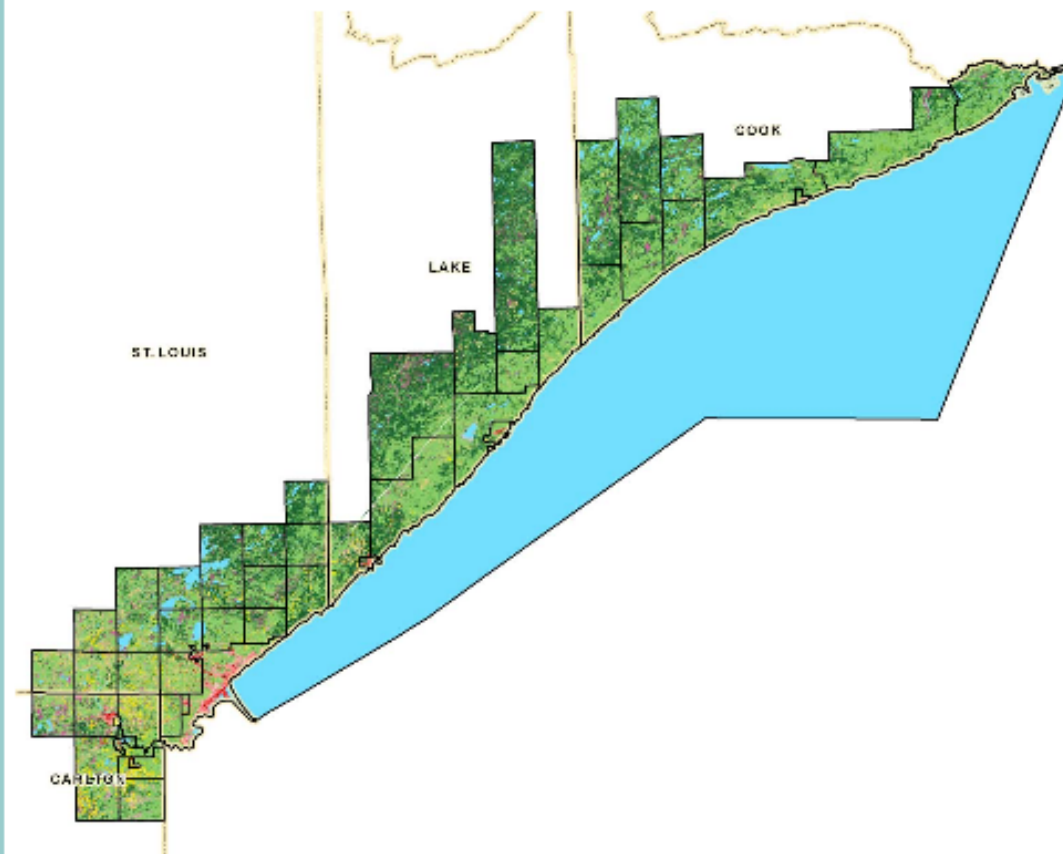
Important Habitats

Transportation

Utilities

Recreation

Regulated Lands



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Data Highlights

- Detailed forest types
- New Arc Hydro-based subcatchments
- Water Quality includes Impervious Surface by watershed, Coastal Erosion Hazard Areas, 303d streams/lakes
- Recreation: numerous ski, hiking, snowmobile, atv trails

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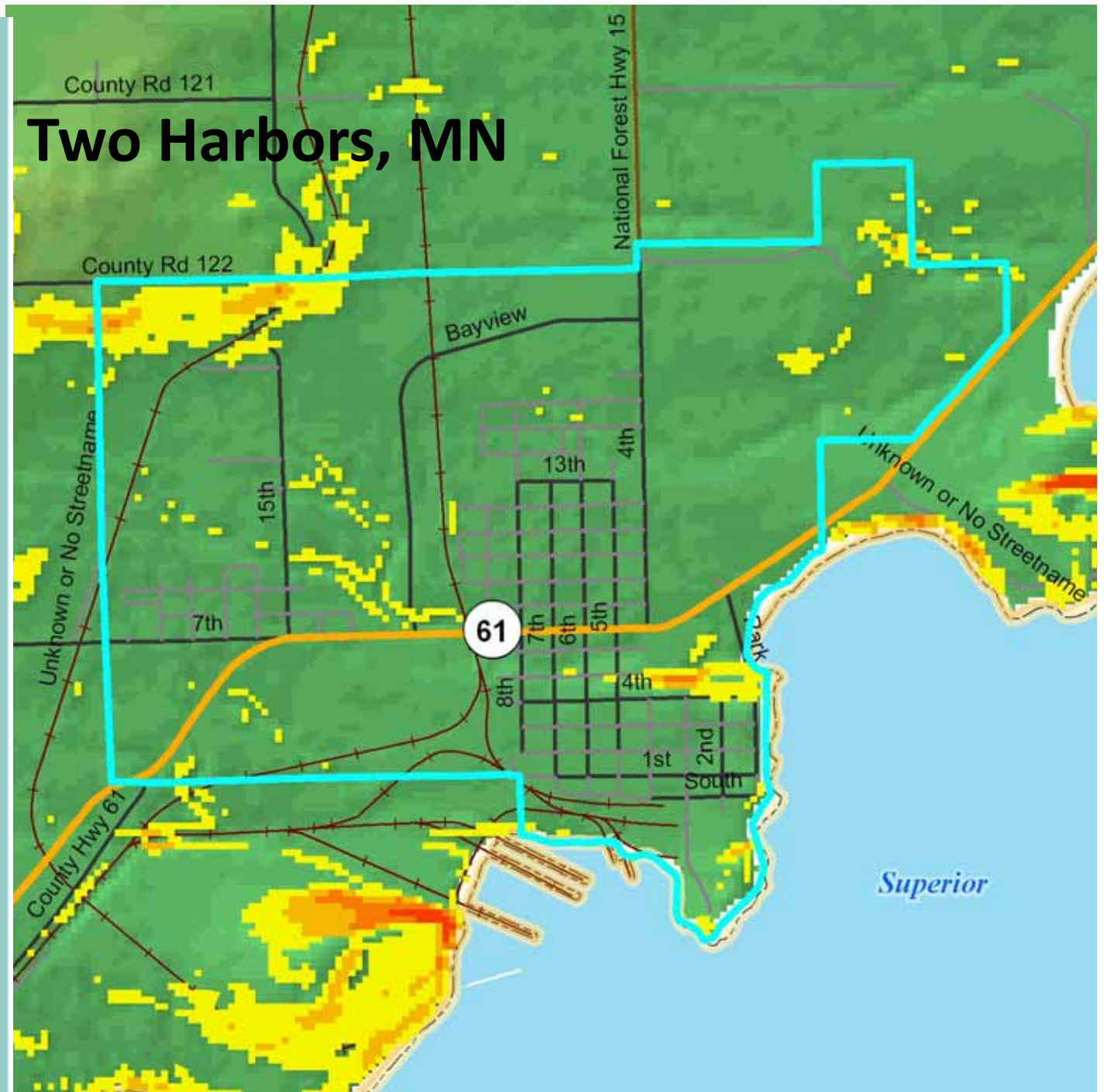
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Two Harbors, MN



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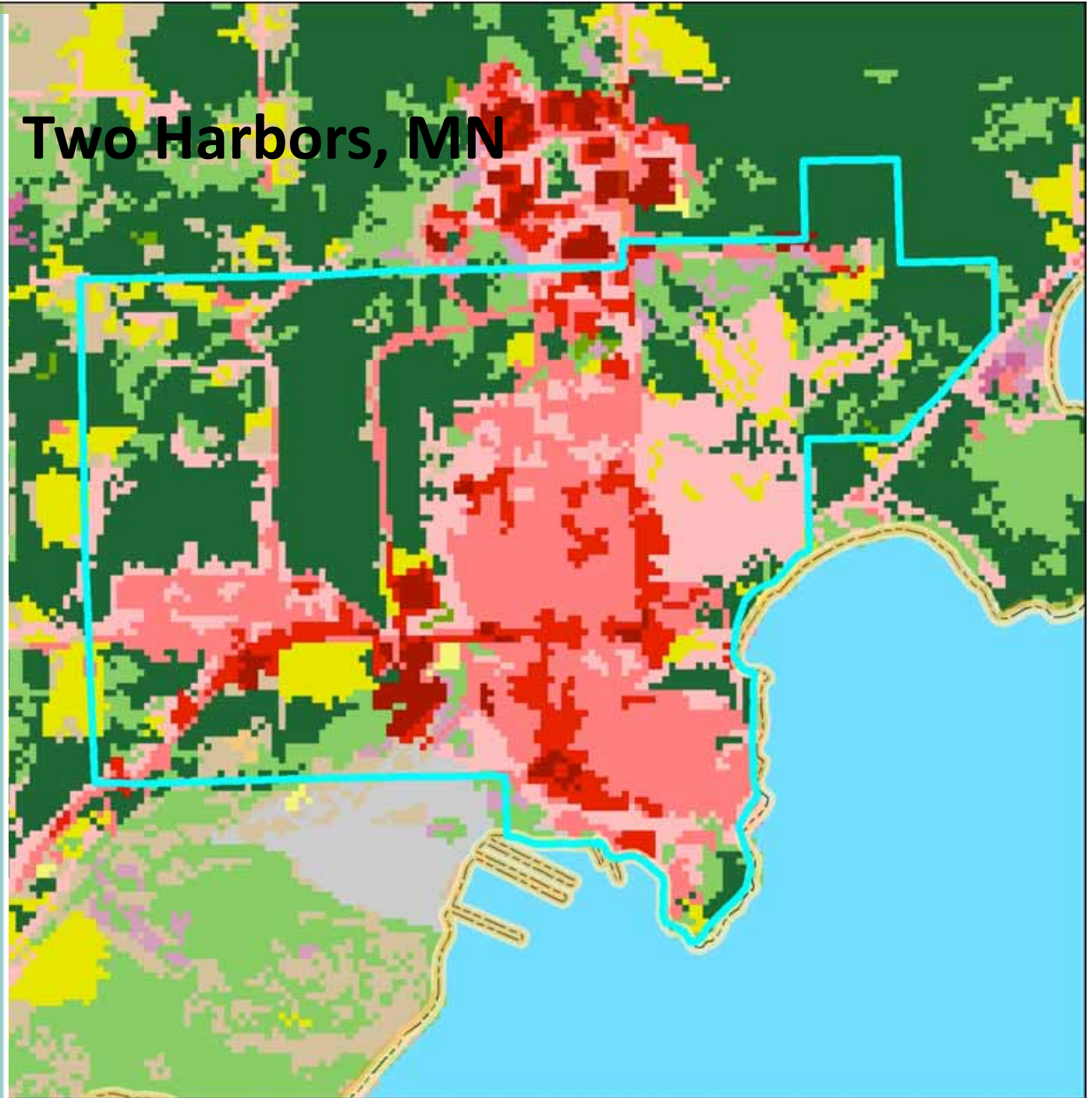
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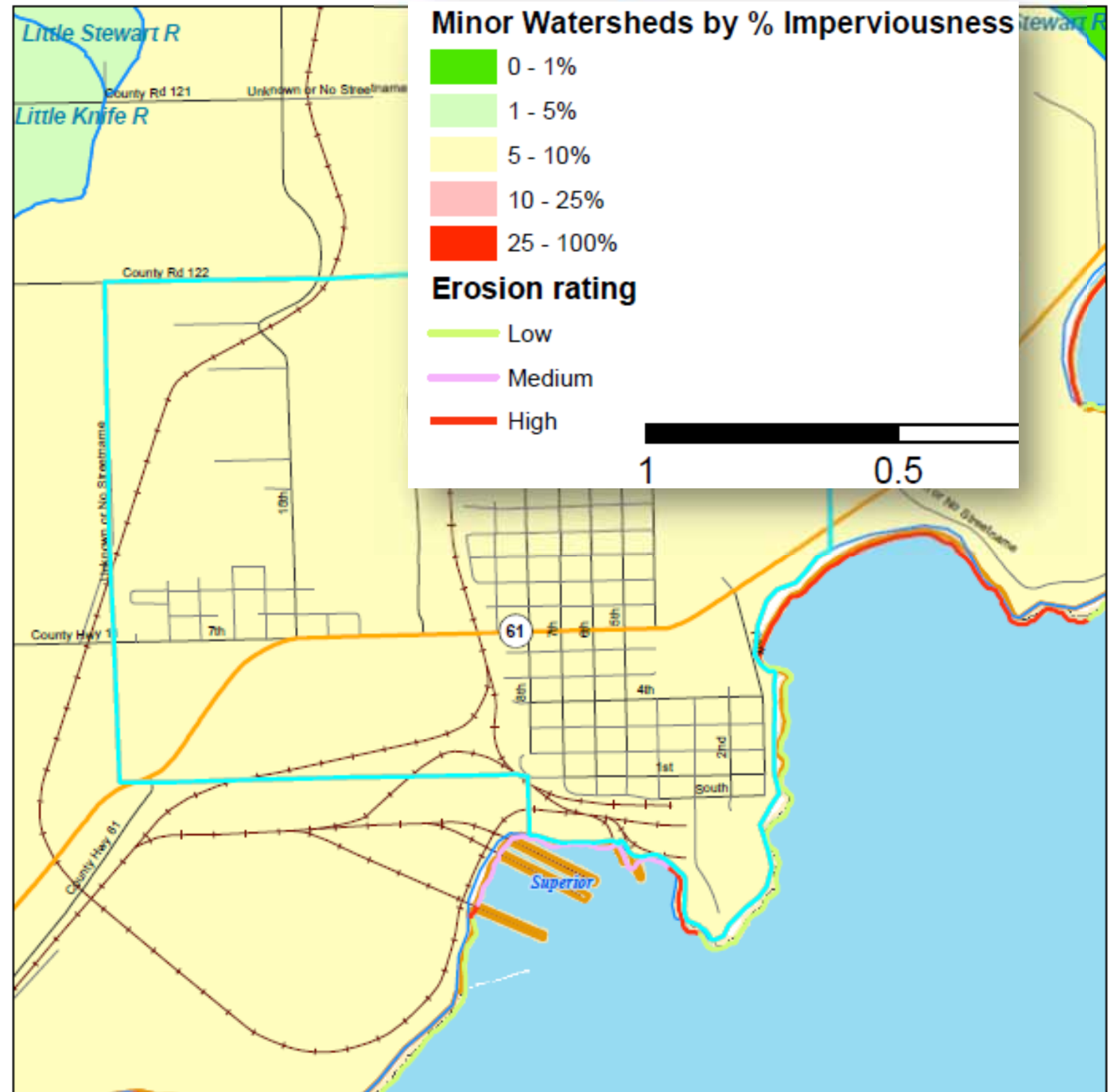
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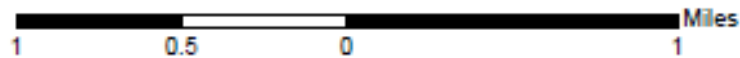
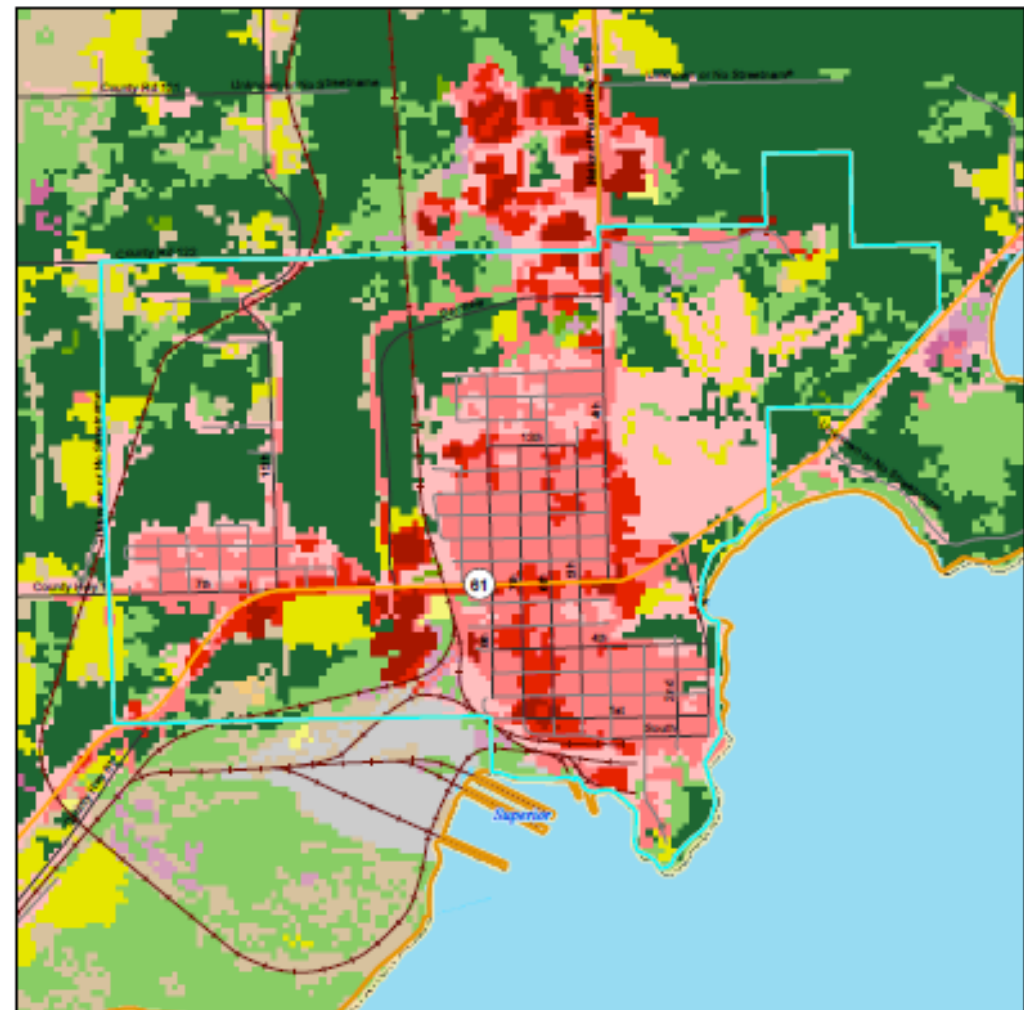
Issues

- Limiting the data
- Scale; dealing with large vs small communities

Acknowledgements:

Gerry Sjerven, U of MN Natural Resources Research Institute
CT NEMO
National NEMO Network
CSREES

2001 NLCD Land Cover
Two Harbors City



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