Natural Connections: Green Infrastructure in Wisconsin, Illinois, and Indiana







map reflect a grouping of these detailed categories, as defined below:

- Forested Land: Primarily tree-covered areas
- Urban Open Space: Primarily city parks, but also ball fields, cemeteries, and golf courses
- Rural Grassland or Shrubland: Natural grasslands, including prairies and some pastures
- Water: Open water bodies, such as lakes, rivers, and ponds
- Wetland: Palustrine, lacustrine, and riverine wetlands
- Agricultural Land: Farmed land, including cropland and pastures
- Urban Developed Land: Areas dominated by features such as buildings and paved surfaces • Bare Rock/Sand/Clay: Areas that are barren of vegetation, such as quarries, beaches, and construction zones

Protected Land:

These are areas protected from further development and are independent of the land cover data. Protected Land represents major land holdings and easements owned by the National Park Service and the USDA Forest Service, the three state Departments of Natural Resources, county park districts, conservation districts, forest preserve districts, certain park districts, and certain private land trusts and nonzations. Mappable data was not available from many local park districts, oper

Data for this poster has been provided by the following sources:

Chicago Metropolis 2020; City of Chicago; Forest Preserve District of Cook County; Forest Preserve District of DuPage County; Forest Preserve District of Will County; Great Lakes Information Network; Illinois Department of Agriculture; Illinois Department of Natural Resources; Illinois Natural History Survey; Illinois Nature Preserves Commission; Illinois State Geological Survey; Indiana Department of Natural Resources; Indiana Dunes National Lakeshore; Kane County; Kendall County Soil & Water Conservation District; Kenosha County Department of Planning and Development; Lake County Department of Information and Technology, GIS/Mapping Division; Liberty Prairie Foundation; McHenry County Conservation District; Northeastern Illinois Planning Commission; Northwestern Indiana Regional Planning Commission; Purdue University – Center for Advanced Applications in Geographic Information Systems; Southeastern Wisconsin Regional Planning Commission; The Nature Conservancy; United States Census Bureau; USDA Forest Service; USDA National Agriculture Statistics Service, Illinois Department of Natural Resources, and Illinois Department of Agriculture. 2002. Land Cover of Illinois 1999-2000. Springfield, IL; United States Geological Survey; Will County Land Use Department; Wisconsin Department of Natural Resources.

but only a limited amount is currently protected and many protected areas are

The reverse side of this map focuses on state border areas as places ripe for greater infrastructure. The importance of identifying interstate opportunities was the impetus for choosing the 14-county region covered on the map. Of course, many highly important natural resources (e.g., the Indiana Dunes) extend beyond the If you wish to see more maps, download detailed GIS information from a vast database of the region's green infrastructure, or access other important resources,

The Joyce Foundation provided generous support for this project.

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The most current available data was used for this poster map, with dates ranging from 1986 to 2003. Many other organizations provided additional datasets for this project.

For more specific information on all the data providers and to download the data, go to www.greenmapping.org.

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Peterkin Pond – Goose Pond – **Goose Lake Region**

Elizabeth Lake Region

The region from Peterkin Pond through Goose Pond and Goose Lake is rich in habitat for a number of migratory birds. This area boasts several species that are uncommon to the region, such as the black tern, least bittern, common moorhen, sandhill crane, and yellowheaded blackbird. Cooperative efforts could lead to more land being protected as well as management efforts to combat threats such as invasive species, hydrological modification, and siltation.



Wisconsin - Illinois

Bloomfield Prairie – North Branch B **Preserve Region**

The Chicago and Northwestern (C&NW) railroad right-ofway from Lake Geneva to Richmond and beyond provides an important opportunity for bi-state cooperation. Bloomfield Prairie, located along the right-of-way near Genoa City, could be linked by a greenway to the North Branch Preserve, adjacent to the right-of-way on the Illinois side. As for recreational opportunities, the north branch of the Prairie Trail running along the right-of-way could be extended from Genoa City along the railroad right-of-way, or along County Road H, up to Lake Geneva.





a rare graminoid bog, calcareous floating mat, sedge meadow, and other outstanding natural resources. The area's natural resources are currently under threat from invasive species, strong development pressures, and certain recreational uses (such as power boats). Coordinating acquisition and land management efforts to protect these resources would yield great benefits.

Elizabeth Lake represents one of the most important opportunities



seeping and bubbling springs that harbor a large number of unusual species. Like the Gander Mountain Forest Preserve, it lies along the Fox River. This region is very popular with mountain bikers and skiers, and cooperative bi-state efforts to protect against erosion and inadvertent destruction of these valuable resources is critical. Managing these resources in coordination with efforts to improve aquatic habitat in the Fox River would also be desirable.



Des Plaines River E

The Wisconsin Department of Natural Resources has recently completed its Des Plaines River Watershed Study, which could provide useful guidance for efforts in the River corridor. Coordinating restoration activities in the Pleasant Prairie wetland complex with activities at Van Patten Woods, and cooperative management of sedge meadow and prairie areas along the River's floodplain would be desirable. Stakeholders could also explore possible trail connections between planned trails through Pleasant Prairie Township and the existing Des Plaines River Trail.

Lake Michigan Shoreline

edge of Lake Michigan. Rainbow Park could be linked

could be linked to form a greenbelt around the southwestern

(through redevelopment of the USX property) with Calumet

Lakefront Park and Sanctuary (commonly called the "Migrant

Trap"). Additional links could join Whihala Beach Park, Whiting

Park, and further natural areas to the east. Local efforts, such as the

proposed Marquette Greenway Plan, are already laying the groundwork

Park, which in turn could be connected to the Hammond

Several parks along the shoreline, currently disconnected,

G

for these types of linkages.



F Lake Michigan Shoreline

The stretch of land from Chiwaukee Prairie in Wisconsin down to Illinois Beach State Park represents more than seven miles of extraordinary lands with rich natural resources. These areas collectively provide habitat for more than 650 plant species, as well as numerous bird and animal species, many of which are threatened or endangered. Public and private stakeholders on both sides of the state line could consider the feasibility of coordinated management of these properties, as well as possible acquisition opportunities.



Illinois - Indiana

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Wolf Lake

The Wolf Lake Visioning process and bi-state gatherings have helped create a community vision for the Lake. This vision includes the linkage of trails to the Burnham Greenway and the Northwest Indiana Regional Bike Network, coordinated management and restoration of valuable natural areas rich with threatened and endangered species, and bi-state efforts to improve water quality and increase recreational opportunities.







Although the Grand Calumet River has been severely impacted by urban and industrial pollution, major cleanup efforts have made considerable progress, and pockets of high-value natural resources remain along the Grand Calumet corridor. Coordinated efforts on both sides of the border to identify and protect these remnants of globally rare ecosystems and habitats for threatened and endangered species would be beneficial. It would also be beneficial to manage these lands cooperatively and link them, perhaps by a trail system.

Grand Calumet River



Indiana. This initiative will lead to the creation of more than 16 miles of hiking and biking trails along the River corridor. In Illinois, the Little Calumet has been identified as a regional water trail, with possible hiking and biking trails as well. Stakeholders in both states could explore whether these trails could be linked, and consider coordinated water management strategies to address not only flooding, but also urban runoff and contaminated sediments.

Little Calumet River

undergoing a \$200 million flood control project in

The Little Calumet River is currently





even the protected segments are generally disconnected and not always managed in a coordinated fashion. In addition, portions of the River suffer from sedimentation, hydrological modification, and erosion and gully formation. Cooperative bi-state efforts could lead to greater restoration, management, and protection of the River.



Iroquois River

The Iroquois River has avoided extensive and severe modifications more than other nearby rivers, and is comparatively free of channelization, dredging, and dams. It has excellent fisheries and also provides canoeing opportunities. However, the River still suffers from sedimentation, obstruction, and unstable banks. The Army Corps of Engineers has studied these problems as well as flooding concerns, and could, in cooperation with state agencies and local communities, help set the stage for greater cooperation across state lines on river management and protection.







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Land Cover Forested Land Urban Open Space Rural Grassland or Shrubland Water Wetland Agricultural Land Urban Developed Land Bare Rock/Sand/Clay

Protected Land

Protected Land Overlay

Trails Existing

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