

Great Lake Opportunity Area (WI)



Tags

Conservation Opportunity Area, Lake,
Wisconsin, Wildlife Action Plan

FGDC Metadata (read-only)

Identification

CITATION

CITATION INFORMATION

ORIGINATOR Wisconsin DNR, Bureau of Endangered Resources

PUBLICATION DATE June 2008

TITLE

Wisconsin Wildlife Action Plan: Conservation Opportunity Areas

GEOSPATIAL DATA PRESENTATION FORM vector digital data

PUBLICATION INFORMATION

PUBLICATION PLACE Madison, Wisconsin

ONLINE LINKAGE

DESCRIPTION

ABSTRACT

Conservation Opportunity Areas (COA) are places in Wisconsin that contain ecological features, natural communities, or Species of Greatest Conservation Need (SGCN) habitat for which Wisconsin has a unique responsibility for protecting. The identification and subsequent mapping of these areas will allow managers to make the most efficient use of resources by targeting conservation action work to benefit SGCN and their habitats. Sites were identified by an interdisciplinary team and involved input from various DNR staff, along with public input. This work was a continuation of the "Ecological Priorities" identified in the Wisconsin Wildlife Action Plan (WWAP) (see <http://dnr.wi.gov/org/land/er/wwap/> for more information).

PURPOSE

The data were created to provide cartographic representations of Wisconsin's priority areas for protection and management of SGCN. The 2008 version is specific to Wisconsin's Wildlife Action Plan Implementation Priorities for 2008-2015. Areas were mapped using the best available data and science at the time.

Specific objectives for the data were to:

1. Develop a digital data layer that identifies the best places in the state (Conservation Opportunity Areas) to implement priority conservation actions from the Wisconsin Wildlife Action Plan (WDNR 2006).
2. Create maps at both statewide and ecological landscape scales, highlighting the Conservation Opportunity Areas and linking them with the priority conservation actions.
3. Provide focus for future efforts to protect SGCN and their habitats.
4. Provide focus for making decisions on how and where to spend future State Wildlife Grant funds.

SUPPLEMENTAL INFORMATION

The COA polygons contained within this dataset were mapped at broad scales (1:100-300,000) and have not been ground-truthed for accuracy. As such, they should only be used as a tool in determining the approximate boundaries of COAs. Boundaries are not DNR acquisition or feasibility study boundaries. Future GIS work will focus on boundary refinement and ground-truthing to more accurately delineate COAs especially with regard to habitat type, habitat quality, species presence and land classification. These data are not intended to be used at small scales (generally < 1:100,000). For guidance, users should refer to the WWAP Implementation website (<http://dnr.wi.gov/org/land/er/wwap/implementation/>) or Ecological Landscape Reports (<http://dnr.wi.gov/landscapes>) for specific information on the natural communities and SGCN that are targeted for protection and management within each COA.

Terrestrial Dataset: The Terrestrial dataset contains one polygon type feature class: COA_Terrestrial. Polygons were digitized on-screen using digital topographic and orthophotographic raster imagery.

Aquatic Dataset: The Aquatics dataset contains three feature classes: COA_Lakes (polygon features), COA_RiverSystems (line features), and Great_Lakes (polygon). The Lakes and River Systems data were compiled using the Wisconsin DNR Hydrography Geodata Version 6. The Great Lakes data is included for cartographic purposes only. For information on the DNR Hydro Layer, contact:

Ann Schachte, GIS Coordinator
Wisconsin DNR
Water Division
PO Box 7921
Madison WI 53707-7921
608.267.2301

TIME PERIOD OF CONTENT

TIME PERIOD INFORMATION

SINGLE DATE/TIME

CALENDAR DATE 2008

CURRENTNESS REFERENCE

publication date

STATUS

PROGRESS Complete

MAINTENANCE AND UPDATE FREQUENCY As needed

SPATIAL DOMAIN

BOUNDING COORDINATES

WEST BOUNDING COORDINATE -92.460587

EAST BOUNDING COORDINATE -88.159765

NORTH BOUNDING COORDINATE 46.766794

SOUTH BOUNDING COORDINATE 42.812525

KEYWORDS

THEME

THEME KEYWORD THESAURUS

THEME KEYWORD Conservation Opportunity Area

THEME KEYWORD Lakes

THEME KEYWORD Habitat

THEME KEYWORD Species of Greatest Conservation Need

THEME KEYWORD Ecological Landscape

THEME KEYWORD Wildlife Action Plan

PLACE

PLACE KEYWORD Wisconsin

ACCESS CONSTRAINTS

None

USE CONSTRAINTS

None

POINT OF CONTACT

CONTACT INFORMATION

CONTACT ORGANIZATION PRIMARY

CONTACT ORGANIZATION Wisconsin Department of Natural Resources

CONTACT POSITION Bureau of Endangered Resources

CONTACT ADDRESS

ADDRESS TYPE mailing address

ADDRESS PO Box 7921

CITY Madison

STATE OR PROVINCE WI

POSTAL CODE 53707

COUNTRY UNITED STATES

CONTACT VOICE TELEPHONE 608-266-7012

CONTACT FACSIMILE TELEPHONE 608-266-2925

CONTACT ELECTRONIC MAIL ADDRESS Bureau.EndangeredResources@Wisconsin.gov

HOURS OF SERVICE 7:45-8:30

NATIVE DATA SET ENVIRONMENT

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.2.4.1420

CROSS REFERENCE

CITATION INFORMATION

ORIGINATOR Bureau of Endangered Resources, WDNR

TITLE

Wisconsin Wildlife Action Plan: Conservation Opportunity Areas

Spatial Reference

HORIZONTAL COORDINATE SYSTEM DEFINITION

PLANAR

PLANAR COORDINATE INFORMATION

PLANAR COORDINATE ENCODING METHOD coordinate pair

COORDINATE REPRESENTATION

ABSCISSA RESOLUTION 0.000100

ORDINATE RESOLUTION 0.000100

PLANAR DISTANCE UNITS meters

GEODETTIC MODEL

HORIZONTAL DATUM NAME D_North_American_1983_HARN

ELLIPSOID NAME Geodetic Reference System 80

SEMI-MAJOR AXIS 6378137.000000

DENOMINATOR OF FLATTENING RATIO 298.257222

Entities and Attributes

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL COA_Lakes

ENTITY TYPE DEFINITION

Conservation Opportunity Areas: Lakes

ATTRIBUTE

ATTRIBUTE LABEL SHAPE_Area

ATTRIBUTE DEFINITION

Area of feature in internal units squared.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Positive real numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL FID

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL OBJECTID

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

ATTRIBUTE

ATTRIBUTE LABEL SHAPE

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL COA_name

ATTRIBUTE DEFINITION

Conservation Opportunity Area name

ATTRIBUTE DEFINITION SOURCE Bureau of Endangered Resources

ATTRIBUTE

ATTRIBUTE LABEL SHAPE_Leng

ATTRIBUTE

ATTRIBUTE LABEL COA_num

ATTRIBUTE DEFINITION

A unique identifier for each aquatic COA that ranges from A.01 to A.55

ATTRIBUTE DEFINITION SOURCE Bureau of Endangered Resources.

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM 1.01

RANGE DOMAIN MAXIMUM 16.03

ATTRIBUTE

ATTRIBUTE LABEL SIG_CODE

ATTRIBUTE DEFINITION

Unique identifier that defines a site's ecological significance: Global (G), Continental (C), Upper Midwest (U), or State (S).

ATTRIBUTE DEFINITION SOURCE Bureau of Endangered Resources

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE G

ENUMERATED DOMAIN VALUE

DEFINITION Globally Significant

ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE U
ENUMERATED DOMAIN VALUE
DEFINITION Upper Midwest Significance
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE S
ENUMERATED DOMAIN VALUE
DEFINITION Statewide Significance
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE C
ENUMERATED DOMAIN VALUE
DEFINITION Continentally Significant

ATTRIBUTE
ATTRIBUTE LABEL SHAIDNAME
ATTRIBUTE DEFINITION
Name of Waterbody
ATTRIBUTE DEFINITION SOURCE Wisconsin DNR's Simple Hydro Areas Version 6

ATTRIBUTE
ATTRIBUTE LABEL SHAID_NO
ATTRIBUTE DEFINITION
DNR Waterbody Identification Code (WBIC)
ATTRIBUTE DEFINITION SOURCE Wisconsin DNR

Distribution Information

RESOURCE DESCRIPTION Downloadable Data

Metadata Reference

METADATA DATE 2008-07-09
METADATA CONTACT
CONTACT INFORMATION
CONTACT ORGANIZATION PRIMARY
CONTACT ORGANIZATION
CONTACT PERSON
CONTACT ADDRESS
ADDRESS TYPE
CITY
STATE OR PROVINCE
POSTAL CODE

CONTACT VOICE TELEPHONE

METADATA STANDARD NAME FGDC Content Standards for Digital Geospatial Metadata
METADATA STANDARD VERSION FGDC-STD-001-1998
METADATA TIME CONVENTION local time

METADATA EXTENSIONS
ONLINE LINKAGE <http://www.esri.com/metadatajesriprof80.html>
PROFILE NAME ESRI Metadata Profile