

East-West Gateway Council of Governments

The Ecological Data Inventory [2019]

Appendix

Land Cover Datasets

National Land Cover Database [2016]

<https://www.mrlc.gov/data>

St. Louis Regional Land Cover [2011]

www.ewgateway.org/eco

Urban Land Cover [2017]

www.ewgateway.org/eco

Land Cover Composite [2010; 2017]

Combination of St. Louis Regional Land Cover and Urban Land Cover listed above

Ecological Site Descriptions [2015]

Info Page: <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/ecoscience/desc/>

Download via USDA Web Soil Survey: <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

Ecological Significance Datasets

Ecological Significance [2010]

www.ewgateway.org/eco

Ecological Significance for Project Evaluation [2010]

www.ewgateway.org/eco

Development Pressure [2010; 2019]

Request from gisservices@ewgateway.org

Protected Lands [2016-2018]

Info Page: <https://www.usgs.gov/core-science-systems/science-analytics-and-synthesis/gap/science/protected-areas>

Download: https://www.usgs.gov/core-science-systems/science-analytics-and-synthesis/gap/science/pad-us-data-overview?qt-science_center_objects=4#qt-science_center_objects

Conservation Opportunity Areas [2013-2015]

Illinois (contact IDNR staff to request):

<https://www.dnr.illinois.gov/conservation/IWAP/Pages/ConservationOpportunityAreas.aspx>

Missouri, Terrestrial: <https://www.sciencebase.gov/catalog/item/58498852e4b06d80b7b0950b>

Missouri, Aquatic: <https://www.sciencebase.gov/catalog/item/584987f1e4b06d80b7b09504>

Threatened or Endangered Species [2018]

For the protection of the species, exact location records are not distributed. Contact IDNR or MDC Natural Heritage staff for more information.

Illinois:

<https://www.dnr.illinois.gov/conservation/NaturalHeritage/Pages/NaturalHeritageDatabase.aspx>

Missouri: <https://mdc.mo.gov/property/responsible-construction/missouri-natural-heritage-program>

Ecoregions [2013]

<https://www.epa.gov/eco-research/level-iii-and-iv-ecoregions-continental-united-states>

Water and Wetlands Datasets

Watershed Boundary Dataset [2017]

Info Page: https://www.usgs.gov/core-science-systems/ngp/national-hydrography/watershed-boundary-dataset?qt-science_support_page_related_con=4#qt-science_support_page_related_con
Download: <https://viewer.nationalmap.gov/basic/?basemap=b1&category=nhd&title=NHD%20View>

Assessed and Impaired Waters (305B & 303D) [2015]

<https://www.epa.gov/waterdata/waters-geospatial-data-downloads#303dListedImpairedWaters>

Wetland Mapping and Analysis for the Missouri and Mississippi River Floodplains [2013]

www.ewgateway.org/eco

Meramec River Floodplain and Upper Silver Creek Watershed Mapping and Importance Ranking [2015]

www.ewgateway.org/eco

National Hydrography Dataset [2018]

Info Page: <https://www.usgs.gov/core-science-systems/ngp/national-hydrography>
Download: <https://catalog.data.gov/dataset/usgs-national-hydrography-dataset-nhd-downloadable-data-collection-national-geospatial-data-as>

FEMA Flood Hazard Zones [varies by county]

<https://msc.fema.gov/portal/home>

Geology and Soils Datasets

LiDAR Data [varies by county, 2008-2017]

<http://msdis.missouri.edu/data/lidar/>

Elevation [2013-2018]

Derived from LiDAR, listed above

Digital Elevation Model-Slope [2013-2018]

Derived from LiDAR, listed above

Soils, Generalized Types [2015-2017]

Info Page: <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>

Download via USDA Web Soil Survey: <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>

Soils Hydrologic Group [2015-2017]

Derived from Soil data, listed above

Prime Farmland Classification of Soils [2015-2017]

Derived from Soil data, listed above

Questions?

Contact EWG staff by phone at (314) 421.4220 or (618) 274.2750 or by email at gisservices@ewgateway.org.