Federal Government and International Agencies – Data Sets in the Public Domain

CADRE Conference April 11-12

Suzanne L. Reinman
Government Documents
Oklahoma State University Library
suzanne.reinman@okstate.edu
Open Data

- The 2013 Federal **Open Data Policy** required newly-generated government data to be made available in open, machine-readable formats
  - Open Data Policy (M 13-13)

- **Open Access data sets**
  - Federal agencies
  - States, universities
Data.gov

Filter by:
- Location
- Topic
- Dataset type (geospatial)
- Agency/Organization
- Format
Data.gov
Categories, Organizations

Ecosystem Vulnerability

125 datasets found

- U.S. Hourly Precipitation Data
- National Oceanic and Atmospheric Administration, Department of Commerce — Hourly Precipitation Data. This dataset provides historical precipitation data from 1948 to 2014.
- U.S. Monthly Climate Normals (1981-2010)
- National Oceanic and Atmospheric Administration, Department of Commerce — The U.S. Monthly Climate Normals for 1981-2010 are 30-year averages of meteorological parameters for thousands of U.S. stations located across the 50 states, U.S.
- Endangered Species Act Critical Habitat
- National Oceanic and Atmospheric Administration, Department of Commerce — Critical habitat (EH) is designated for the survival and recovery of species listed as threatened or endangered under the Endangered Species Act (ESA).
- NCDC Storm Events Database
- National Oceanic and Atmospheric Administration, Department of Commerce — Storm Events Data is provided by the National Weather Service (NWS) and contains statistics on personal injuries and damage estimates. Storm Data covers the United States off.
- Quick Stats Agricultural Database API
- Department of Agriculture — Quick Stats API is the programmatic interface to the National Agricultural Statistics Service's (NASS) online database containing results from the 1997, 2002, 2007...

State of Oklahoma

303 datasets found

- Cancer Deaths
- State of Oklahoma — Decrease the cancer death rate from 185.7 per 100,000 in 2013 to 180.3 per 100,000 by 2019.
- Purchase Card (PCard) Fiscal Year 2014
- State of Oklahoma — This dataset contains information on purchases made through the purchase card programs administered by the state and higher ed institutions. The purchase card.
- Adult Obesity
- State of Oklahoma — Decrease the percentage of adults who are obese from 32.2% in 2012 to 29.7% by 2017.
- Violent Crimes
- State of Oklahoma — Decrease the rate of violent crime from 4.4 per 1,000 in 2013 to 4 per 1,000 by 2017.
- Median Household Income
- State of Oklahoma — Increase the state median household income from $45,690 in 2013 to $51,424 by 2017.
- Type 2 Diabetes
- State of Oklahoma — Decrease the percentage of people with Type 2 diabetes from 11.2% in 2014 to 10.1% by 2019.

Oklahoma State University

CADRE Conference April 11-12
U.S. Government Agencies

- U.S. Department of Commerce
- U.S. Geological Survey

Data and Tools

Science Datasets
The data collected and the techniques used by USGS scientists should conform to or reference national and international standards and protocols if they exist, and when they are relevant and appropriate. For datasets of a given type, if national or international metadata standards exist, the data are indexed with metadata that facilitates access and integration.

Filter Total Items: 141

Select Topic
Select Locations
Select Year
Select Order
Apply Filter
Reset

MARCH 29, 2017
2017 Known and Probable Grizzly Bear Mortalities in the Greater Yellowstone Ecosystem
Identifying the locations and causes of grizzly bear mortality is another key component in understanding the dynamics of this population. Over 96% of all documented bear mortalities are human caused. Tracking human-caused bear deaths helps define patterns and trends that can direct management programs designed to reduce bear mortality.

Attribution: Northern Rocky Mountains Science Center (NOROCK)

MARCH 28, 2017
Low-pathogenic avian influenza viruses in wild migratory waterfowl in a region of high poultry production, Delmarva, Maryland

This data set is comprised of four files related to the surveillance of low pathogenic avian influenza viruses (LPAIV) in migratory waterfowl at 12 locations in the Maryland portion of the Delmarva Peninsula in fall/winter of 2013-2014.

Attribution: Ecosystems, Fish & Wildlife Service, Northeast, Patuxent Wildlife Research Center

MARCH 14, 2017
DATA RELEASE - Channel Mapping of the Colorado River in Grand Canyon National Park, Arizona - May 2009, river miles 29 to 62

Bathymetric, topographic, and grain-size data were collected in May 2009 along a 33-mi reach of the Colorado River in Grand Canyon National Park, Arizona. Channel bathymetry was mapped using multibeam and singlebeam echosounders, subbasal topography was mapped using ground-based total stations, and bed and sediment grain-size data were collected using an underwater digital microscope system.

Attribution: Southwest Biological Science Center

MARCH 14, 2017
Groundwater Age Mixtures and Contaminant Trends Tool
Explore the effects of basic aquifer properties and well configurations on groundwater age mixtures in groundwater discharge and on contaminant trends from varying nonpoint-source contaminant input scenarios.

Attribution: Arid Zone Water Quality Division
Patent Data

- Patent documents have more detailed information about a technology than any another type of scientific or technical publication
- 70% of the information in patents is never published anywhere else

- www.patentsview.org/
  - Patent data analysis and visualization tool
  - Important for economic development
  - Data query and export demo - vimeo.com/188891466
Preservation of Data

- Government, university, and public interest organizations have been working to ensure that government data is accessible and preserved
  - Preserving Electronic Government Information (PEGI)
  - Data Refuge – University of Pennsylvania
  - DataLumos – University of Michigan
  - Digital Library Federation – www.diglib.org/
International Organizations – World Bank

- World Bank
  - data.worldbank.org/
  - Data catalog
  - DataBank
International Organizations – OECD – stats.oecd.org
Suzanne L. Reinman
Government Documents
Oklahoma State University Library
suzanne.reinman@okstate.edu
(405) 744-6546