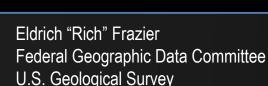
The US Open Government Framework

Establishing an Environment of Openness for Societal Collaboration and Benefit







About the U.S. Geological Survey

How do we make smart decisions about a changing world? Start

With Science



The USGS serves the Nation by providing reliable scientific information to describe and understand the Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect our quality of life.

USGS Science
Addressing Our Nation's Challenges

The USGS is focused on some of the most significant issues society faces— in which natural science can make a substantial contribution to the well-being of the Nation and the world.



Facing Tomorrow's Challenges – USGS Science in the Decade 2007- 2017



Understanding *Ecosystems* and Predicting Ecosystem Change



Climate Variability and Change



Energy and Minerals for America's Future



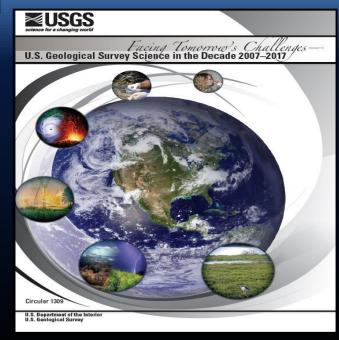
A National *Hazards*, Risk, and Resilience Assessment Program



The Role of Environment and Wildlife in *Human Health*



A Water Census of the United States



U.S. Open Government: Evolution

Open Government Initiative

OPEN GOV

About Open Government

Open Gov Blog

Open Government Partnership

Participation

Collaboration

My Administration is committed to creating an unprecedented level of openness in Government. We will work together to ensure the public trust and establish a system of transparency, public participation, and collaboration. Openness will strengthen our democracy and promote efficiency and effectiveness in Government.

- PRESIDENT OBAMA, 01/21/09



Executive Memo

Freedom of Information

OpenGov Directive

Digital Strategy /

Open Data Dir

Directive

Open Government Evolutionary Actions 2009

Executive Order – Making Open and Machine Readable the New Present

MAKING OPEN AND MACHINE READABLE THE NEW DEATH

By the authority vested in me as



U.S. Open Government: Executive Direction & Policy



of the public to contribute ideas and expertise so that their government can make policies with the benefit of information that is widely dispersed in society.

articipation

Transparency promotes accountability by providing the public with information about what the Government is doing

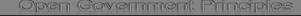
effectiveness of Government by encouraging partnerships and cooperation within the Federal Government, across levels of government, & between the Government and private institutions

ollaboration

- Create a policy framework for Open Government
- Publish government information online
- Improve the quality of information
- Education and culture alignment









U.S. Open Government: Digital Strategy

Open Government Initiative

OPEN GOV

About Open Government

Open Gov Blog

Open Government Partnership

Participation

Collaboration

Ultimately, this Strategy will ensure that agencies use emerging technologies to serve the public as effectively as possible. As a Government, and as a trusted provider of services, we must never forget who our customers are—the American people.

- President Barack Obama 05/23/2012



- Information-Centric
- Shared Platform
- Customer-Centric
- Security and Privacy





U.S. Open Government

Best Practices and Lessons Learned



U.S. Open Government: Global Partnership & Collaboration

"This is exact

Open Government Partnership



"This is the kind of partnership that we need Open government can help make countries more prosperous and more just."



U.S. Open Government: Global Partnership & Collaboration

Open Government Partnership

"I wish to reaffirm Mexico's commitment to this Initiative, to consolidate an Open Government close to citizens and responding to their needs in a swift, efficient and transparent manner."

-President Enrique Peña Nieto of Mexico



"We've got to give our full-throated support for the groups that support and promote transparency, not least the Open Government Partnership. This is a truly exciting institution. Rather than getting bogged down in endless communiqués, the Open Government Partnership is about concrete reform."

-Prime Minister David Cameron of the United Kingdom



- President Susilo Bambang Yudhoyono of Indonesia



Open Government: Citizen Participation





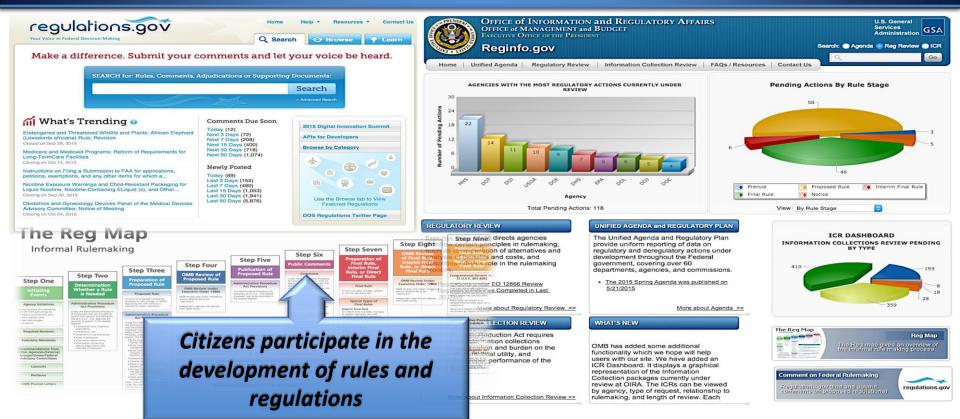


U.S. Open Government: Public Engagement



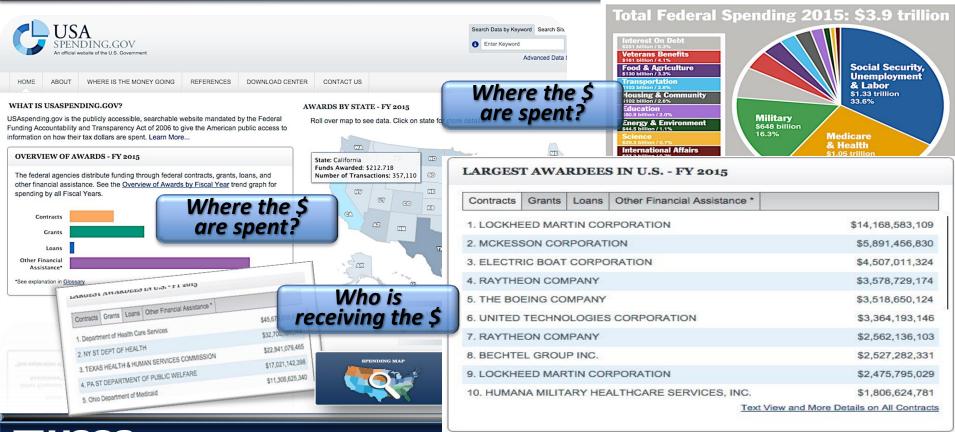


U.S. Open Government: Transparency & Citizen Participation





Transparency: Government Spending



U.S. Open Government: *Transparency*





U.S. Open Government: Budget Transparency





U.S. Open Government: Transparency

An Official Web Site of the United States Governmen

Thursday, April 07, 2011 | Text: A+A-A | Share



DATA TOOLS COMMUNITY

METRICS

OPEN DATA SITES

GALLERY

WHAT'S NEW

Foreign ASSISTANCE



Government's foreign assistance activities.



Earthquake and Tsunami **Datasets and Information**

- RadNet Map Interface for Near-Real-Time R Monitoring Data
- Search other related datasets
- World Earthquake Interactive Map Demo

SEARCH OUR CATALOGS

Q Search our catalogs...

< II >

OPEN GOVERNM



Latest News: Japanese Earthquak Radiation Data

Real-time alerts and data related to the earthquakes off the coast of Japan and radiation levels in US.

DATA AND APPS



- · 379,949 raw and geospatial datasets
- 946 government apps
- · 236 citizen-developed apps
- 44 mobile apps
- · 172 agencies and subagencies

COMMUNITIES



Come explore, discuss, meet others in the same field, and develop the data and apps in the community that you care about. Join in the discussions by going to communities below that interest you.

OPEN DATA

SEMANTICWER

DATA AND APPS

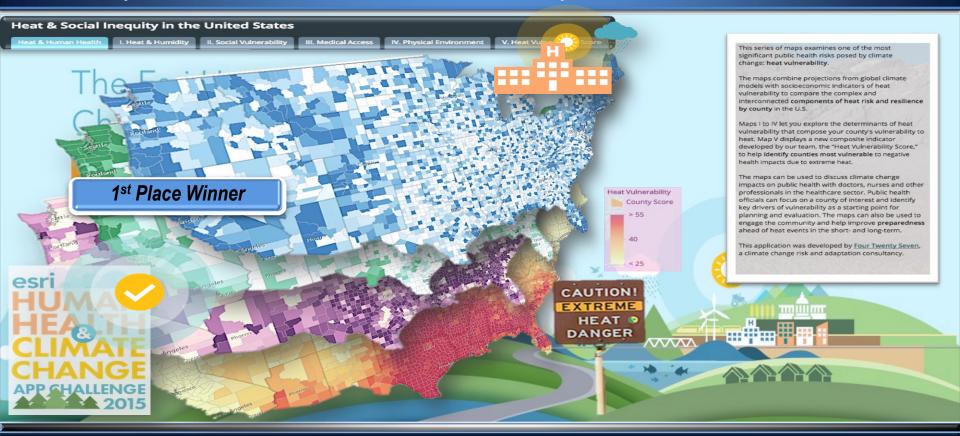


- 379,949 raw and geospatial datasets
- 946 government apps
- 236 citizen-developed apps
- 44 mobile apps
- 172 agencies and subagencies





Open Government: Partnership & Collaboration



≥USGS

U.S. Open Government: *USGS Strategy*

- We have to have a <u>Framework</u> for Open Government!
- Requires a <u>Cultural Change</u>
- Will Require Collaboration
- Need to <u>Engage the Community</u>





Community of Practice

OPEN GOV

& Training

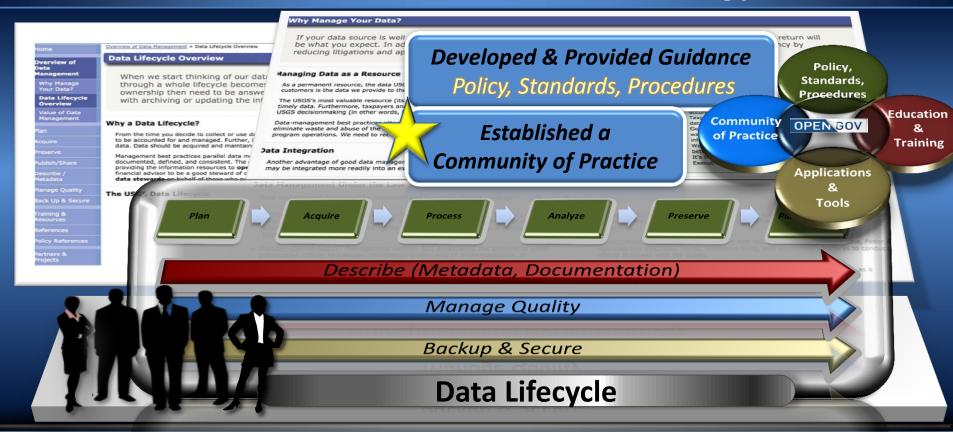
Education

Applications &

Tools



U.S. Government : *USGS Strategy*

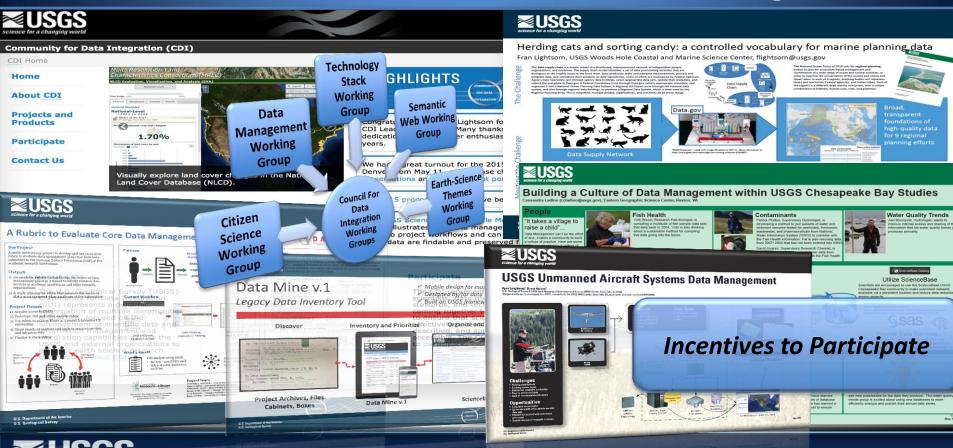




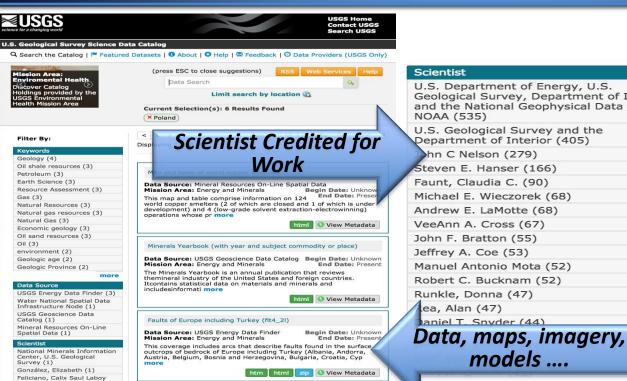
U.S. Government: USGS Strategy



U.S. Government: USGS Council for Data Integration



U.S. Open Government: USGS Data Sharing



Geologic provinces of Europe including Turkey, 2000 (prv4_2I)

Data Source: USGS Energy Data Finder Mission Area: Fneroy and Minerals

Begin Date: Unknown

End Date: Present

Scientist U.S. Department of Energy, U.S. Geological Survey, Department of Inte and the National Geophysical Data Cer NOAA (535) U.S. Geological Survey and the Department of Interior (405) hn C Nelson (279) Steven E. Hanser (166) Faunt, Claudia C. (90) Michael E. Wieczorek (68) Andrew E. LaMotte (68) VeeAnn A. Cross (67) John F. Bratton (55) Jeffrey A. Coe (53) Manuel Antonio Mota (52) Robert C. Bucknam (52) Runkle, Donna (47) ea, Alan (47) aniel T. Snyder (44)

models

Airborne geophysical surveys: magnetic Data Source anomaly and gamma ray from USGS and Water National Spatial Data Infrastructure Coastal and Marine Geology Program Node (1222) USGS Geoscience Data Catalog (483) USGS Energy Data Finder (467) Upper Midwest Environmental Sciences Center Data (323) Greater Everglades Ecosystem Restoration Forest and Rangeland Ecosystem Science Earth Resources Observation and Science Center (241) Mineral Resources On-Line Spatial Data National Wetlands Research Center (45) Alaska Science Center (21) Patuxent Wildlife Research Center (14) Core Science Analytics and Synthesis (9) Land Cover (9)



Faunt, Claudia C. (1)

U.S. Open Government: Participation & Collaboration



nature's notebook Connecting People with Nature to Benefit Our Changing Planet



Contribute to Scientific Discovery

Nature's Notebook is emerging as invaluable tool that scientists and the public and use for tracking the impacts of climate change.

- Dr. Richard Primack, Boston University, Boston, MA

our progress and help us reach our

% towards our goal

HOW TO PARTICIPATE IN THE PROGRAM

Become an observer in 3 steps:

Join the program

Set up your account Go outside and observe!

BECOME AN OBSERVER

THE UNIVERSITY OF ARIZONA.



henology Days Celebration!



JOIN US FOR THE 8TH ANNUAL PROSE SYMPOSIUM

The 8th Annual Phenology Research and Observations of Southwest Ecosystems (PROSE) Symposium is now accepting

Friday, October 16th at the University of Arizona (Tucson) Campus. This year PROSE will also kick off the USA-NPN

paper and poster submissions. The Symposium will be held on





All News »















nature's notebook

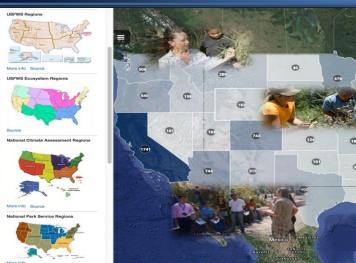
Whether you're an amateur or professional naturalist you can

Observe plants and animals to

generate long-term phenology datasets for scientific discovery.

participate in our national, online

U.S. Open Government: Participation & Collaboration





Nature's Notebook

Join amateur and professional naturalists

in regularly observing plants and animals to generate long-term data sets used for scientific discovery and decision-making.



Teachable Moments

Students in my classes benefit from the outstanding opportunity Nature's Notebook provides to share their data on plant and animal life cycles with a

- Dr. Heidi Steltzer, Fort Lewis College, Durango, CO



Nature's Notebook...

Nature's Notebook is a national, online program where amateur and professional naturalists regularly record observations of plants and animals to generate long-term data sets used for scientific discovery and decision-



Have Fun Outdoors

hen I walk my dog, I take observations at the same time. She gets to sniff and I get to see the plants change over time, which is re-

Lise G., Portland, OR





Use phenology for your engagement efforts



Explore phenology data



Enrich vour teaching with phenology.



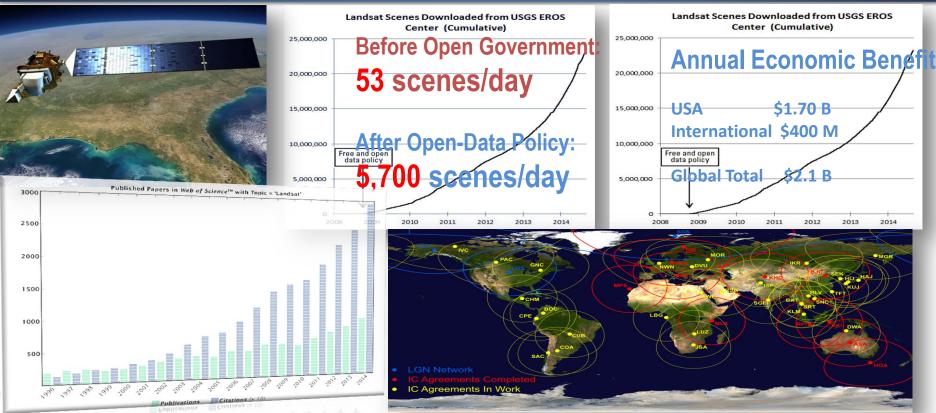
Improve decision making with phenology data and information



Contribute to an exciting national effort.



U.S. Open Government: USGS Open Data





U.S. Open Government: Global Partnership & Collaboration



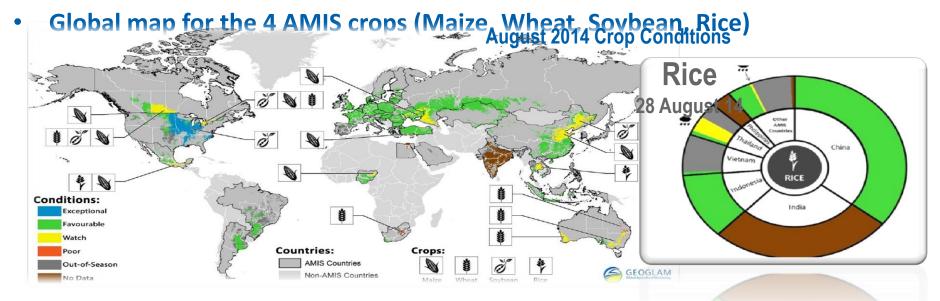


U.S. Open Government: Global Partnership



GEOGLAM Crop Monitor for AMIS

- Operational since September 2013
- 36 institutions, 22 countries + 7 international organizations





The US Open Government Framework

Establishing an Environment of Openness for Societal Collaboration and Benefit



Eldrich "Rich" Frazier Federal Geographic Data Committee U.S. Geological Survey

