



GIS – The basics

Esri – The location platform

Esri & the solutions for the SDGs



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Account Executive

July 4 - 8, 2016



Agenda

- Day 1
 - Introduction GIS
 - Introduction ArcGIS
 - ArcGIS Platform Overview
 - Esri and the SDGs
- Day 2
 - Exercises



Personal introduction

- Bio
- Work experience
- Current position



What is GIS? Introduction to GIS (web courses)

- Getting Started with GIS
- Using GIS to Solve Problems

Several free training courses (<u>overview</u>)







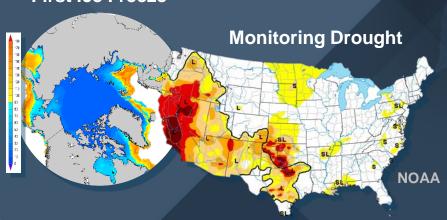
Environmental Monitoring and Assessment

Climate Change Scorecard



Forest Services

Calculating First Ice Freeze



Conservation Reserve Program



USDA

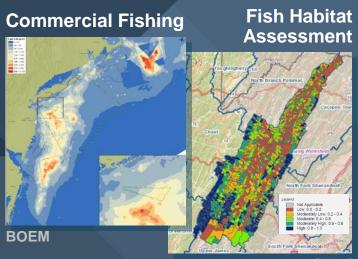
Monarch Butterfly Habitat Conservation



Green Infrastructure Planning



Arizona

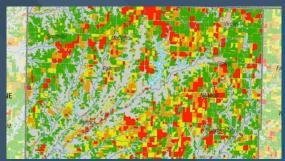


USFWS



Forestry, Agriculture and Land Management

Corn Production Crop Rotation



Soil Conservation



USDA



US

Tribes and USDA **Forest Service**

Wheat & Soybean **Planting Frequency**

Shared Stewardship



USDA Forest **Service Partners**

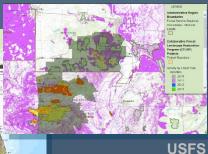
Cooperative Forestry Viewer



Field Data Collection



Forest Restoration Planning



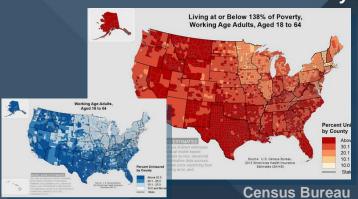


Health, Demographics, and Statistics

Potential Zika Virus Areas



Health Insurance and Poverty



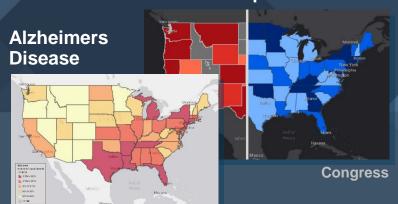
International Demographics



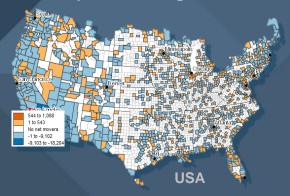
Targeting Aid



Medicare Expenditures



Population Migration



Africa

CMS



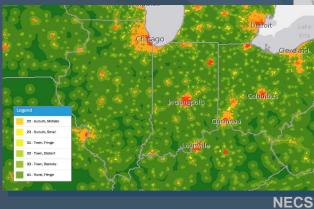
Education

Public School Performance

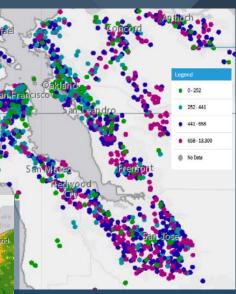


NECS

School Attendance Boundaries



School Enrollment

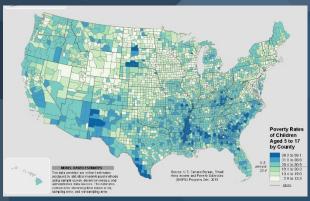


Disparity of School Access



Washington, DC

School Aged Children in Poverty



Census Bureau

Public Safety and Security

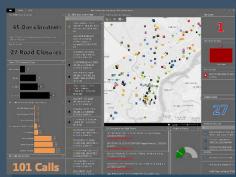
Infrastructure Protection



DHS

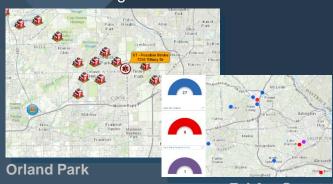
Operation Centers

Live Incident Viewer



Philadelphia

Event Monitoring



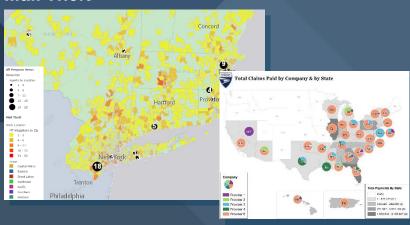
Fairfax County

Officer Involved Shootings and Violent Crimes



Police Foundation

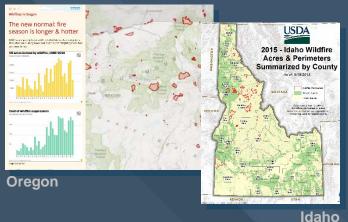
Mail Theft



USPS

Preparing for and Responding to Disasters

Wildfire Damage Assessment



Boston Storm Weather



Optimizing Humanitarian Resources



Red Cross

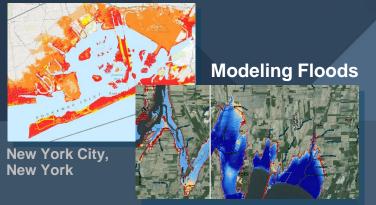
Vulnerable Populations



Nepal Earthquake Response

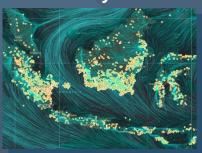


Coastal Flood Analysis



Lake Champlain

Fire Alert System



Global Forest Watch

National Mapping and Charting

Production Workflows

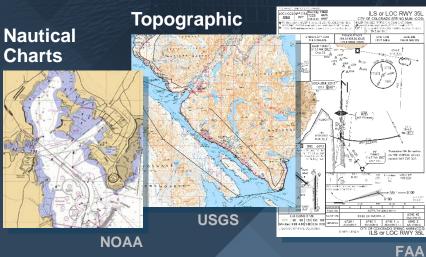


National Mapping Portal



US / Canada

Aeronautical



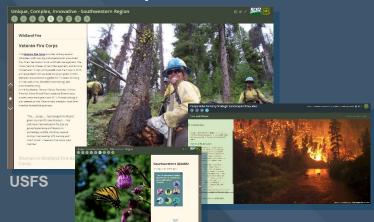
Navigation





Story Maps

Stakeholder Report



Native American History



US

Informing Citizens



Office of Senator Ron Wyden

History of the Capitol Christmas Tree



USFS

Washington, DC

Wilderness Map Tour



Steens Mountain Wilderness, Oregon

White House Maps







US

Collaboration and Citizen Engagement

Locating Providers for Veterans Health



Resource Locator



Winter Storm Response



Online Assessment



Online Recreation Map



US National Arboretum