

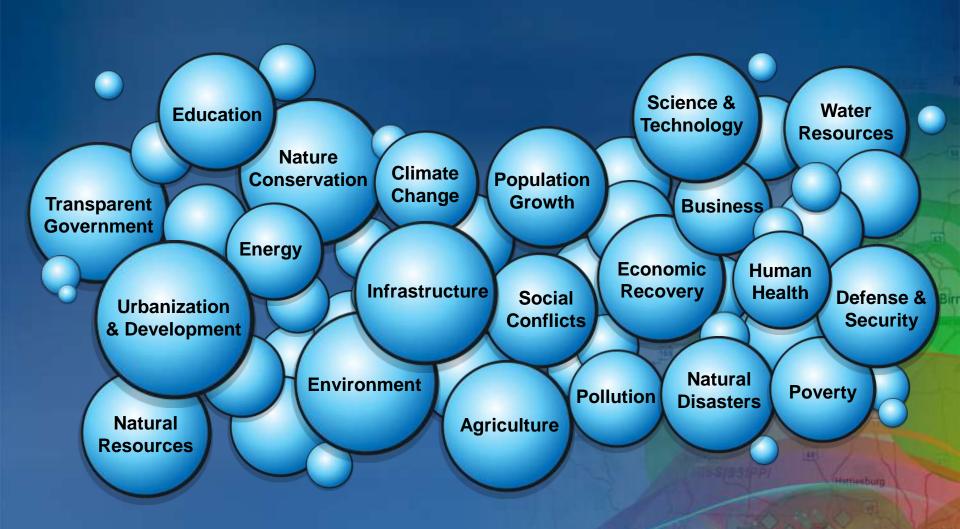
A Geographic Information System (GIS)

A GIS is a system for the Management, Analysis, Visualization and Dissemination of Geographic Information...

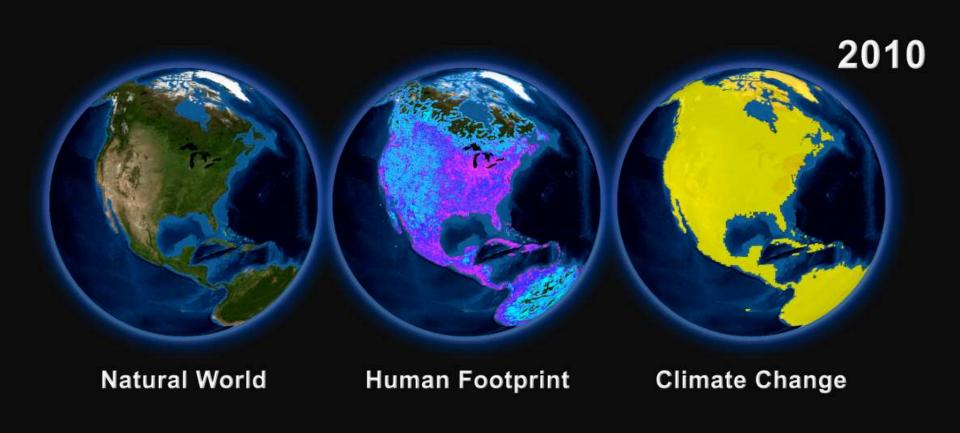


... for effective, timely, and efficient collaboration, problem solving, and decision-making.

GIS: Applied to Our World's Challenges



... Implementing an Information Infrastructure For Creating a Sustainable Future



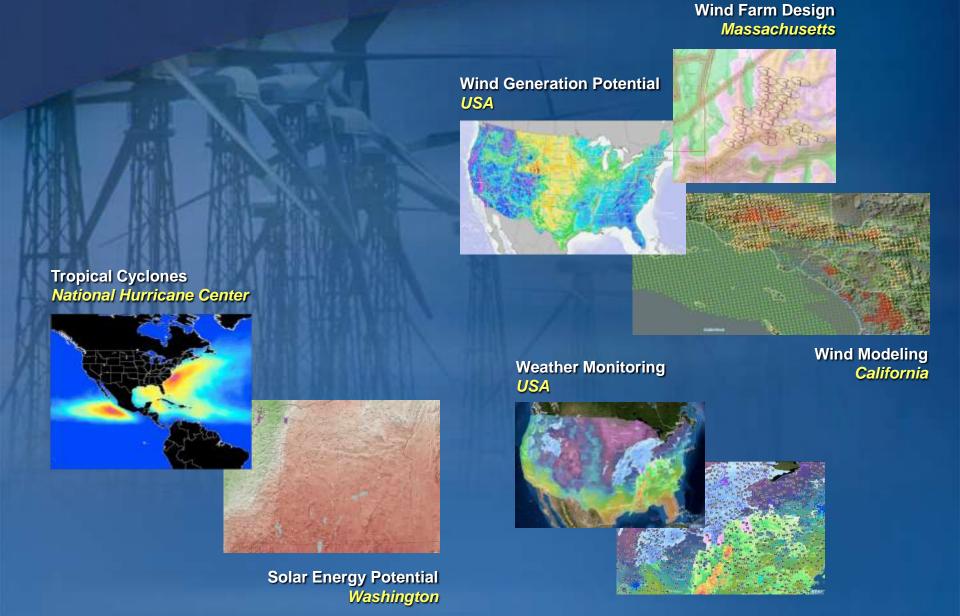
Environment Change in Ice Shelf Threatened Species Antarctic Sea Level Rise Air Pollution Ocean Chlorophyll

Central America

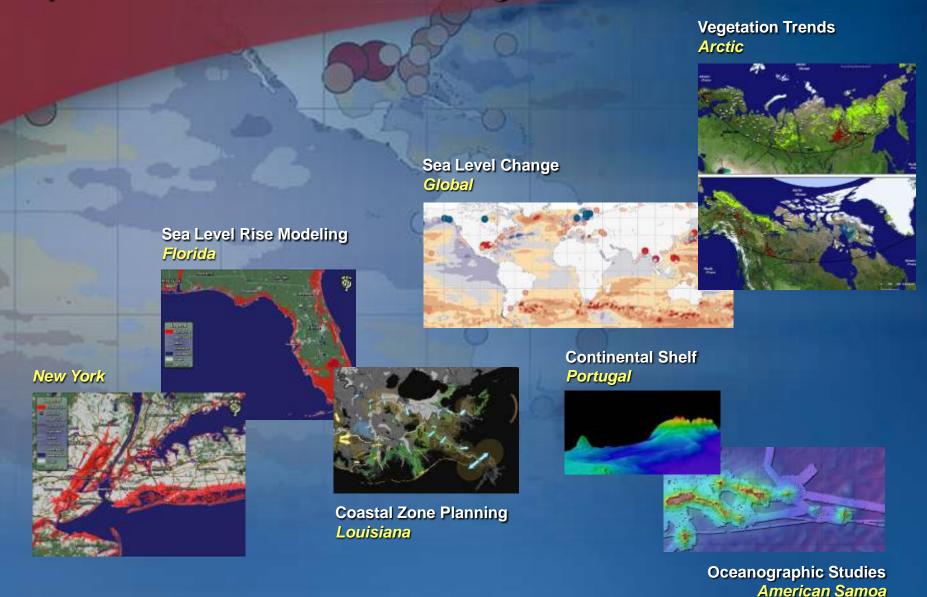
Czech Republic

New England, USA

Climate & Renewable Energy



Impacts of Global Climate Change



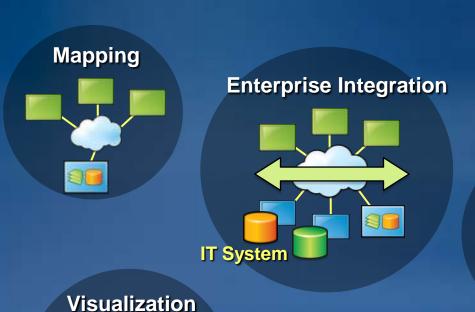
GIS: an ICT for Planning Our Future

For Geographic Planning & Decision Making



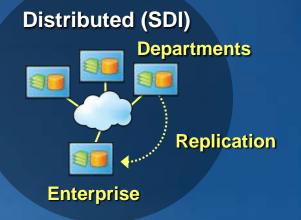
GIS Servers are Playing an Increasing Role

Powering Enterprise & Web Applications







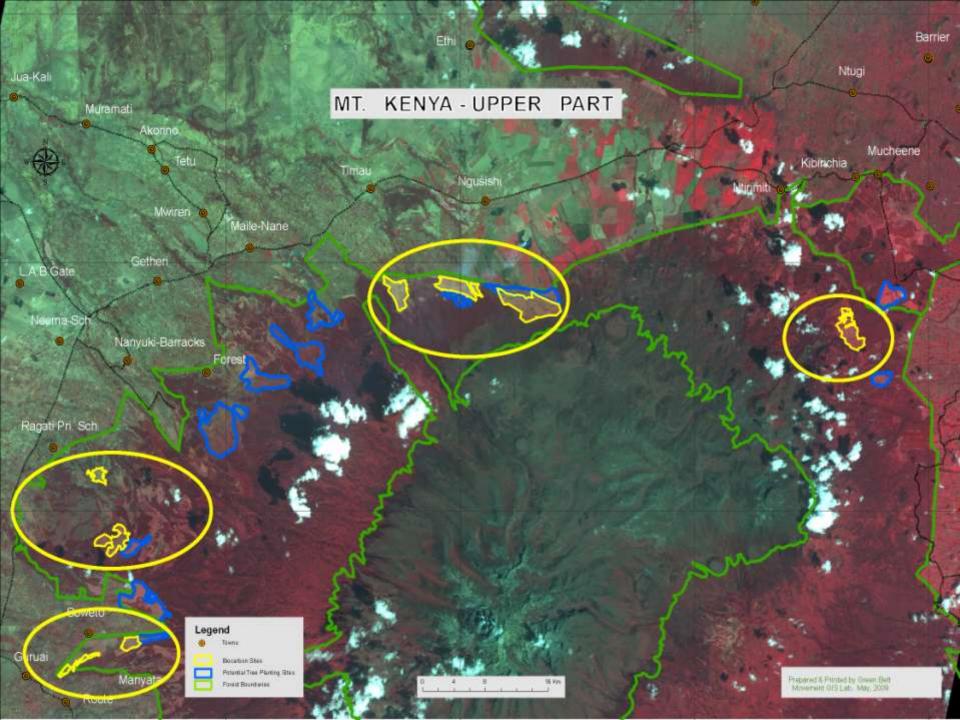


Sea Ice Monitoring by Danish Meteorological Institute

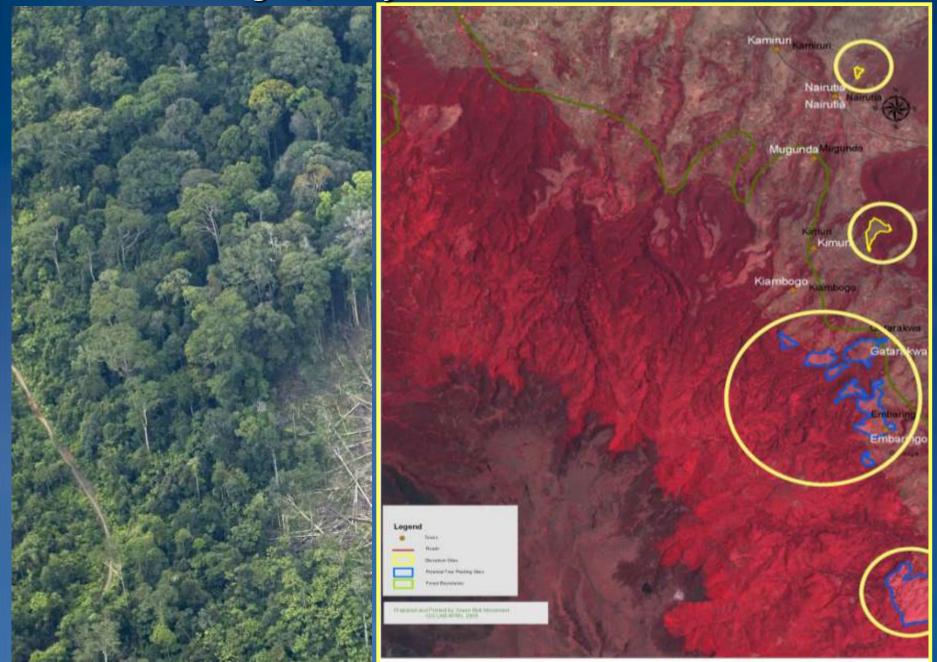
DETAILS TO BE ADDED SOON!

Monitoring Biocarbon Sites by Green Belt Movement





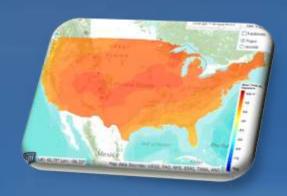
Aberdares Ranges, Kenya



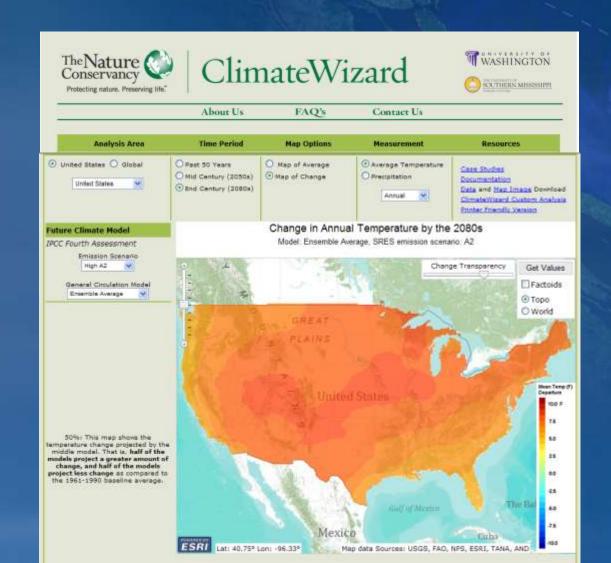
Green Belt Movement Side Event

- December 11th at 11am-12:30pm
- Green Belt Movement: Livelihoods, Forest, Climate
- Prof. Wangari Maathai
- More information at: www.greenbeltmovement.org

Climate Wizard by The Nature Conservancy, University of Washington, University of Southern Mississippi



ClimateWizard www.climatewizard.org



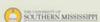
Future Climate Models



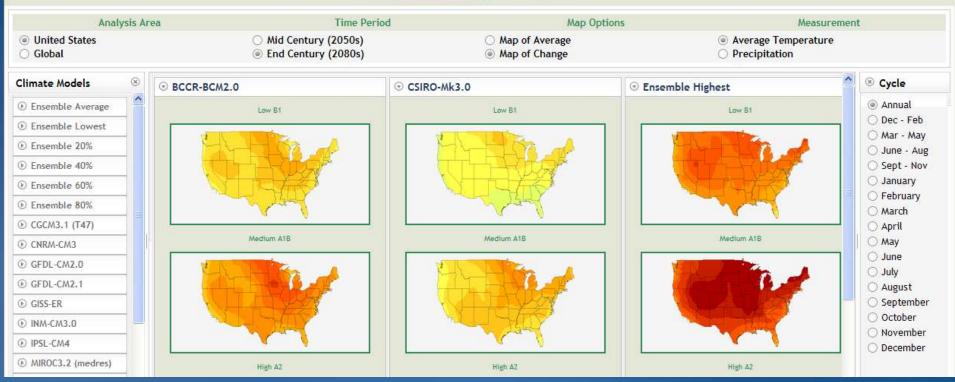
Future Climate Models

Static PNGs () Image Service





Visit the Climate Wizard page for more options.



Adaptation Atlas by Resources for the Future



Mapping: the Missing Link in Establishing Priorities and Strategies for Action on Adaptation

- Geography and spatial information are common threads connecting impact science and policy
 - -Climate impacts: site- & population-specific
 - -Populations in greatest need are often least able to adapt
- Need for coordination of scientific research, policy and on-the-ground activity
 - Maps showing current and projected climate impacts and adaptation activity can help in setting strategy for interventions and investments
 - This is the aim of the Adaptation Atlas

What is the Adaptation Atlas?

- Web-based application enables user driven, dynamically generated maps of climate impacts and adaptation activities:
 - Database of impacts from peer reviewed climate studies
 - Repository of adaptation projects
 - Data available for download and uploads of new data supported
 - User can select different locations, timeframes, scenarios and overlay resulting data across sectors
 - Detail pages give more information on selected layers/studies and adaptation activities



Adaptation Atlas: Exhibits and Side Events

- Exhibit Booth in Hall H from Dec 7-18th
- Presentation at UNFCCC's ISeeT area on Dec 8th, 3pm
- European Environment Agency Side Event on Dec 10th, 2-4pm
- UNFCCC's ISeeT Exhibit on Dec 11th and 12th
- More Information at: www.adaptationatlas.org

GIS is Changing How We Work



Thank You!

