The Climate Data Initiative

D. Meyer, NASA

ESIP Winter Meeting, 2016

Climate Data Initiative: Overview
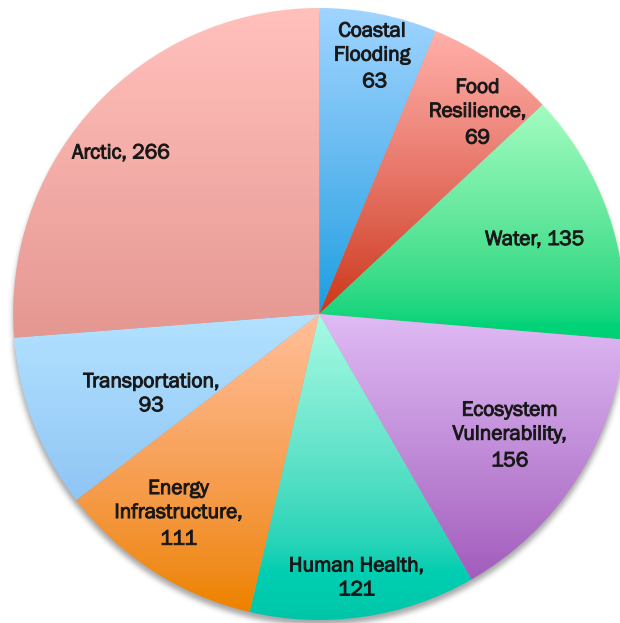
- The Climate Data Initiative (CDI) was first laid out by the President's Climate Action Plan (CAP) in June 2013.
  - Leverages federal climate-relevant data to stimulate innovation and private sector entrepreneurship in support of national climate-change preparedness
  - Built upon principles of freely available, open government data
  - NASA has lead (D. Meyer)
  - http://climate.data.gov
- The CAP also directed the provision of a Climate Resilience Toolkit (CRT)
  - Creates a virtual climate-resilience toolkit that centralizes access to (catalogs) data-driven resilience tools, services, and best practices, including those developed through the CDI.
  - NOAA has lead (D. Herring)
  - http://toolkit.climate.gov
- The Climate Data and Tools (CDAT) working group coordinates the activities of the CDI and CRT activities (OSTP: A. Luers, F. Laurier)
  - Created by the President's Council on Climate Preparedness and Resilience

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Climate Data Initiative: NASA's Role

- Climate.data.gov
  - Work with GSA Open Data Team to continue to manage, support and improve climate.data.gov
  - Work with inter-agency theme teams to identify relevant datasets to add to climate.data.gov
  - Quality checking of dataset descriptions, metadata and feedback
- Coordinate with GSA and EOP to manage feedback and develop new CDI requirements
- Engagement of Communities of Resilience through Workshops
  - With the Earth Science Information Partnerships (ESIP) Foundation
- GSA User Study
  - Help OSTP better understand needs and behaviors of climate data consumers
- NASA Involvement USGEO Data Management Working Group
  - J. Walter, chair

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Federal Data and Tools for Impact Assessment

- CDI data holdings are organized along themes of climate resilience communities:

Total number of data sets, by theme, in climate.data.gov (10/1/2015)

- Working with the CRT, the CDI works to enable communities of resilience through access and discovery technologies and intermediary assistance services:

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