

Extending the Climate Data Initiative Data Collection to GeoPlatform.gov

Joint HIFLD/GeoPlatform Session
Reston, VA
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Adam W. Sisco¹, Sarah Ramdeen¹, John Davison², Lara Duffy², and Kaylin Bugbee¹

(1) University of Alabama in Huntsville, (2) Image Matters, LLC



Climate Data Initiative

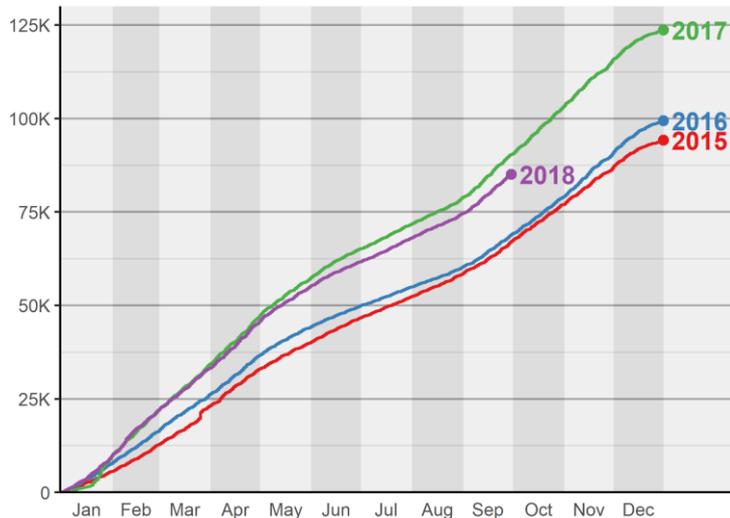
- Included the launch of climate.data.gov on March 19, 2014
- Data collection is composed of approximately 700 freely available federal datasets curated by SMEs into 9 thematic areas
- NASA was appointed as the lead agency in developing the Climate Data Initiative's web presence.
- We continue to maintain the collection and provide periodic updates as needed.
- See Ramachandran et al. 2016 in *Computers & Geosciences*



Sustained Relevance of the CDI Collection

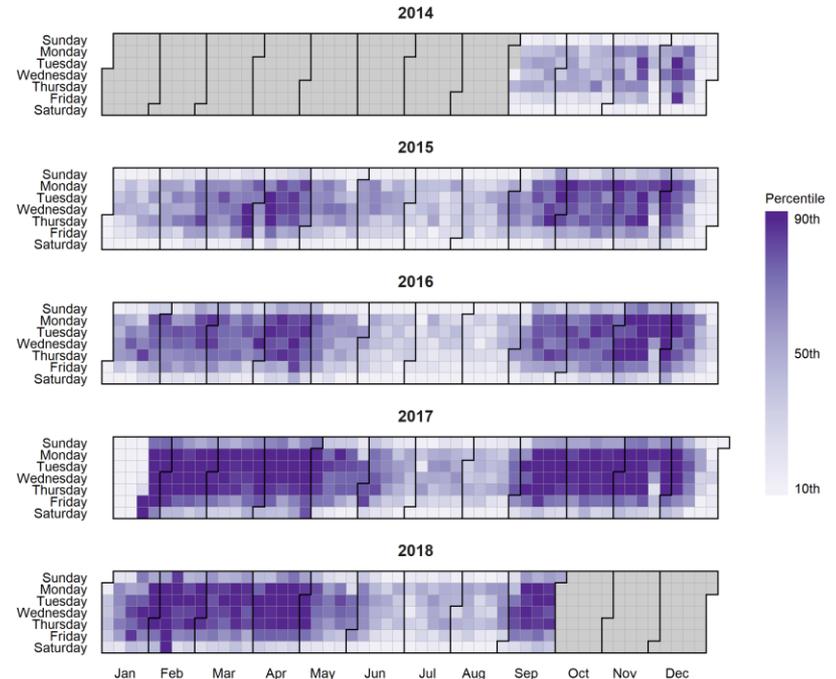
- Curation should not be a one-off process. As long as the curated collection is relevant, it requires periodic updates and monitoring to maintain both its quality and value to end users (Ramachandran et al. 2016).
- Digital curation - maintaining, preserving, and adding value to digital research data throughout its lifecycle

Data.gov/climate Cumulative Page Views
Ending September 2018



Climate Data Initiative

Data.gov/climate Daily Page Views



More Than Just Datasets

- Data are increasingly served and can be visualized/accessed through a variety of web services
 - ESRI REST services
 - OGC web services (WCS, WMS, WFS, etc.)
 - OPeNDAP



1. Service endpoints are sometimes never associated with the relevant dataset(s).

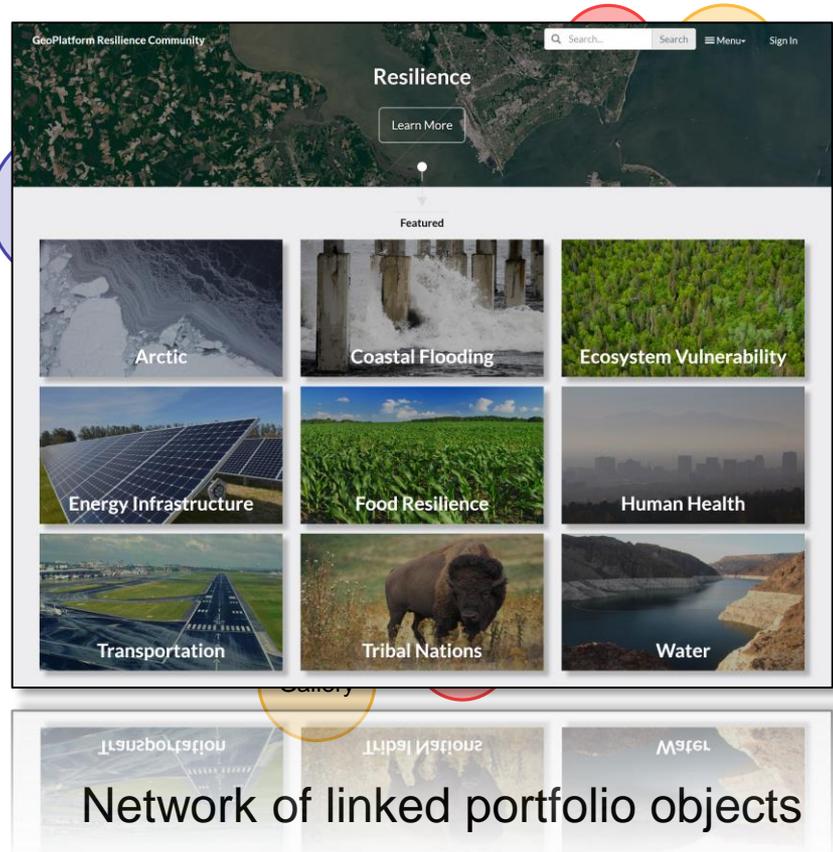
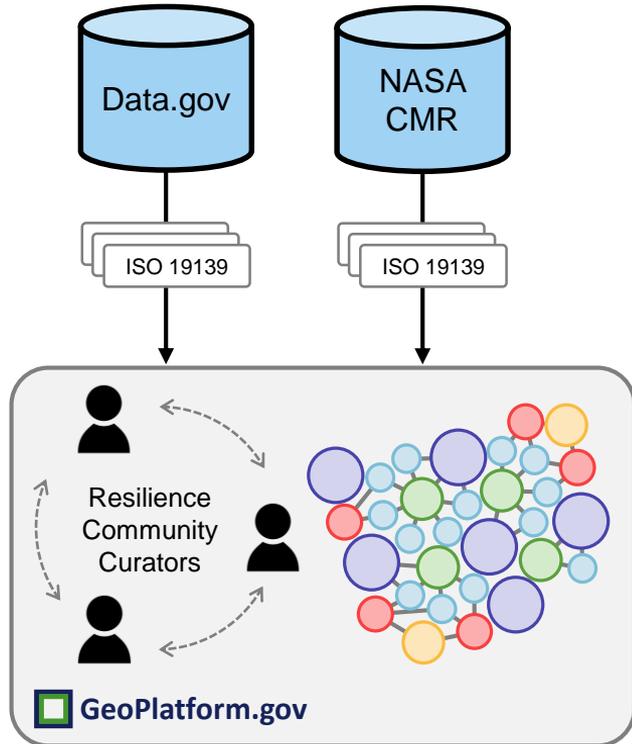


2. Service endpoints are sometimes mislabeled or buried among dozens of other related resources.



3. Often a steep learning curve for non-service-savvy users

Enrichment via GeoPlatform.gov

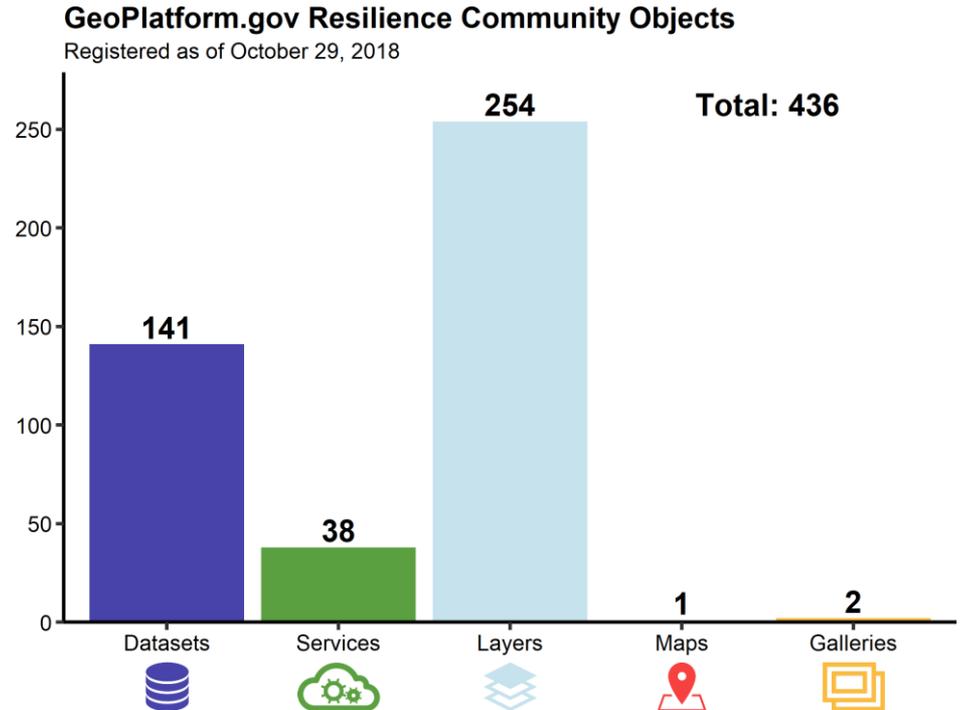


GeoPlatform.gov Resilience Community

- <https://communities.geoplatform.gov/resilience> UNDER CONSTRUCTION

- Data.gov CDI content PLUS:

- Pre-filtered search widgets
- Map widgets featuring related layers
- Galleries to house related maps



Questions

American Geophysical Union Fall Meeting 2018
Tuesday, December 11
Washington, D.C.

Adam Sisco

adam.sisco@nsstc.uah.edu

