

# 2018 CDI Workshop - at the ESIP Summer Meeting

The CDI hosted a session at the 2018 ESIP Summer Meeting in order to bring together the 2018 CDI Funded Projects.

## Supporting integrated and predictive science: Community for Data Integration focus on risk assessment

[Session web page](#) (The recording will be posted to the session web page when available.)

Tuesday, July 17 • 11:30am - 1:00pm

The aspiration of many data organizations that fund seed projects, including the USGS Community for Data Integration, is to support integrated, reusable, and sustainable tools and data. This year, the CDI funded several projects under the theme of risk assessment and hazard vulnerability, with the goal of coordinating and integrating the outputs. Project teams will meet during this breakout session, which occurs midway through the funding period, to report on progress, learn from each other, and coordinate to optimize their outputs. The selected projects are improving accessibility to drought modeling, hazards and assets data (for example, invasive species, landslides, and infrastructure data), and tools for knowledge extraction and data documentation. Integrating data and resources on hazards and assets improves our ability to assess strategic risk, predict future hazards impact, and realize the socioeconomic value of earth science data.

### Speakers

- Jeanne Jones (USGS) - Community for Data Integration Risk Map Project
- Caitlin Andrews (USGS) - An Interactive Web-based Tool for Anticipating Long-term Drought Risk
- Eric Jones (USGS) - Integrating Disparate Spatial Datasets from Local to National Scale for Open-Access Web-Based Visualization and Analysis: A Case Study Compiling U.S. Landslide Inventories
- Daniel Wiefelich (USGS) - Knowledge Extraction Algorithms (KEA): Turning Literature Into Data
- Dennis Walworth (USGS) - Content specifications to enable USGS transition to ISO metadata standard
- Kathy Gerst (USA National Phenology Network) - Workflows to support integrated predictive science capacity: Forecasting invasive species for natural resource planning and risk assessment

### Presentations

**Presentation:** Slides are available to CDI Members. Please log in to download the slides. If you would like to become a member of CDI, email [cdi@usgs.gov](mailto:cdi@usgs.gov).

### Q&A from Sli.do

1. Are/ how are the various projects working with GeoPlatform and/or DataOne?
2. Kathy G. and others: t would be great to get some lessons learned about the work talking with stakeholders - what works for different groups, to share out.
3. Looks like large data volumes / app speed is a challenge that has come up a couple times. Maybe that is a topic CDI could convene more discussion about.
4. For Eric: Is there any communication between different countries/geological surveys and how they digitally inventory landslides?
5. For Daniel: would it be difficult to use this tool on a data source different than GeoDeepDive? Is there any danger that GeoDeepDive won't be available longterm
6. For Dennis: How many total modules do you think are necessary to cover USGS data?