FY17 Phase I: Statements of Interest

Thirty Statements of Interest (SOIs) were submitted on October 14, 2016. Twenty-one SOIs were selected to move on to the full proposal process.

Title	Lead PI	Organization
Exploring the USGS Science Data Life Cycle in the Cloud	Nadine Golden	Pacific Coastal and Marine Science Center
Metadata Management System and ISO Editor Integration	Dennis H Walworth	Alaska Science Center
Web Mapping Application for a Historical Geologic Field Photo Collection	Sarah E Nagorsen	Science Publishing Network
USGS Data at Risk: Expanding Legacy Data Inventory and Preservation Strategies	Anthony L Everette	Fort Collins Science Center
Empowering decision-makers: A dynamic web interface for running Bayesian networks	Erika Lentz	Woods Hole Coastal and Marine Science Center
Extending ScienceCache—a Mobile Application for Data Collection—to Accommodate Broader Use within USGS	Mark T Wiltermuth	Northern Prairie Wildlife Research Center
Visualizing community exposure and evacuation potential to tsunami hazards using an interactive Tableau dashboard	Jeff Peters	Western Geographic Science Center
Building a User-Friendly National Wildlife Health Database	C. LeAnn White	National Wildlife Health Center
Nested Sample Frames to Support Multiple Collaborative Monitoring Programs	Jennifer M Bayer	Pacific Northwest Aquatic Monitoring Partnership
Developing Best Practices for the Collection, Archival and Release of Genetic Data Across USGS	John M Pearce	Alaska Science Center
Automating the use of citizen scientists' biodiversity surveys in iNaturalist to facilitate early detection of species' responses to climat…	Erin E Boydston	Geosciences and Environmental Change Science Center
Evaluation and testing of standardized forest vegetation metrics derived from lidar data	John A Young	Aquatic Ecology Branch, LSC
Changing landscapes: Comparative analysis of land use footprints from oil and gas development across the United States	Todd M Preston	Northern Rocky Mountain Science Center
Open-source machine-learning toolkit for analysis and forecasting of environmental time series data	Kevin M Schmidt	Geology, Minerals, Energy, and Geophysics Science Center
Developing APIs to support enterprise level monitoring using existing tools	Patricia Stevens	Fort Collins Science Center
Data Management Training Clearinghouse	Cassandra C Ladino	Eastern Geographic Science Center
Flocks of a feather dock together: Using Docker and HTCondor to link high-throughput computing across the USGS	Richard A Erickson	Upper Midwest Environmental Sciences Center
AlaskaBirds: A web-based tool for visualization of integrated scientific data sets on avian distribution and abundance in Alaska	Colleen M Handel	Alaska Science Center
The USGS Pollinator Library: Improving Data Services and Information Delivery of a National Database of Plant-Pollinator Interactions	Clint R Otto	Northern Prairie Wildlife Research Center
An Interactive Web-based Application for Earthquake-triggered Ground Failure Inventories	Kate E Allstadt	USGS Geologic Hazards Science Center
Improving Science with Data Science: USGS Icefields-to-Oceans	Shad R O'Neel	Alaska Science Center

Download a .zip of all 30 SOIs: All_SOIs-CDI FY17 Request for Proposals-20161116-1019.zip