FY18 Phase I: Statements of Interest

Thirty-two Statements of Interest (SOIs) were submitted on February 1, 2018.

They were presented at the **Lightning Presentation Session** on February 6 at 1pm Eastern.

Download a .zip of all Statements of Interest

Statements of Interest advancing to Phase 2

All Lead PIs have been notified of the status of their Statement of Interest. Thanks to everyone who participated in Phase 1 by submitting, commenting, and voting!

Lead PI	Title
Adams, Joe	SfM / Photogrammetry Processing Pipeline on USGS HPC
Aneece, Itiya	Training a Google Earth Engine land cover classification with ground reference data from USGS Projects
Bradford, John	An Interactive Web-based Tool for Anticipating Long-term Drought Risk
Chase, Katherine	ICE! Ice Jam Hazard Mobile-Enabled Website
Fuller, Pam	National Alert Risk Mapper for Nonindigenous Aquatic Species
Gomberg, Joan	Assessing and Disseminating Cascading Hazards Information
Hapke, Cheryl	4D automated coastal slope failure characterization tool in support of coastal landslide hazard assessments
Hay, Lauren	Developing an integrated predictive forecasting capacity for risk and hazard assessment from local to national scales utilizing the USGS National Hydrologic Model
Latysh, Natalie	Reproducible and Executable Workflows for Digitization, Discovery, and Use of Physical Samples
Liu, Sophia B	Developing a Playbook to Operationalize Crowdsourcing for Emergency Management (EM) through the Standardization of Data, Tools, and Procedures
Mirus, Benjamin	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
Neilson, Matthew	Knowledge Extraction Algorithms (KEA): Turning Literature Into Data
Pilliod, David	Creating a wildfire risk prediction tool for public resource managers using antecedent precipitation
Schalk, Luther	Floodplain Modeling, Analysis, and Mapping
Walker, Jessica	Facilitating USGS data integration into Google Earth Engine for geospatial analysis
Walworth, Dennis	Content specifications to enable USGS transition to ISO metadata standard
Warrick, Jonathan	Mapping land-use, hazard vulnerability and habitat suitability using deep neural networks
Weltzin, Jake	Workflows to support integrated predictive science capacity: Forecasting invasive species for natural resource planning and risk assessment

All Submitted Statements of Interest (alphabetical by Lead-PI)

Lead PI	Title
Adams, Joe	SfM / Photogrammetry Processing Pipeline on USGS HPC
Aneece, Itiya	Training a Google Earth Engine land cover classification with ground reference data from USGS Projects
Bagstad, Kenneth	Integrating coastal hazards data and models on the semantic web: A proof-of-concept integrated modeling approach
Bradford, John	An Interactive Web-based Tool for Anticipating Long-term Drought Risk
Byrd, Kristin	Delivery of Landsat waterfowl food resource time series maps for drought management in Central Valley wildlife refuges
Chase, Katherine	ICE! Ice Jam Hazard Mobile-Enabled Website
Fuller, Pam	National Alert Risk Mapper for Nonindigenous Aquatic Species
Gomberg, Joan	Assessing and Disseminating Cascading Hazards Information
Hapke, Cheryl	4D automated coastal slope failure characterization tool in support of coastal landslide hazard assessments
Hay, Lauren	Developing an integrated predictive forecasting capacity for risk and hazard assessment from local to national scales utilizing the USGS National Hydrologic Model
Knowles, Susan	Publicly-Served Wildlife Disease Pathology Atlas Project
Latysh, Natalie	Reproducible and Executable Workflows for Digitization, Discovery, and Use of Physical Samples
Letcher, Benjamin	A regional, interactive web-based application to integrate ecological and risk assessment data
Liu, Sophia B	Developing a Playbook to Operationalize Crowdsourcing for Emergency Management (EM) through the Standardization of Data, Tools, and Procedures
McCoy, John	Herbarium Specimen Inventory and Archive
Mirus, Benjamin	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
Neilson, Matthew	Knowledge Extraction Algorithms (KEA): Turning Literature Into Data
Oliphant, Adam	Use of Automated Image Segmentation Algorithm for Improving Classification Workflows of High Resolution Imagery
Osland, Michael	Mangroves vs. salt marshes: integrating data from a community of practice to assess vulnerability of coastal wetlands to winter temperature extremes
Picotte, Joshua	Creation of a web-application for distributing unarchived fires
Pilliod, David	Creating a wildfire risk prediction tool for public resource managers using antecedent precipitation
Rodysill, Jessica	Integrating and visualizing multiproxy time series data to enhance data organization and accessibility for USGS researchers and increase USGS data access for public use
Saleh, Raad	Validation of High Level Remote Sensing Products in Support of Essential Climate Variables
Schalk, Luther	Floodplain Modeling, Analysis, and Mapping
Torregrosa, Alicia	Weather and Data Together: A Portal to Coastal Fog Knowledge Generation
Varanka, Dalia	Ontology versioning for unambiguous interpretation of concepts in geoscience data
Walker, Jessica	Facilitating USGS data integration into Google Earth Engine for geospatial analysis

Wallace, Cynthia	Tools based on Regional Climate-Landscape Response (CLaRe) metrics for invasive species and fire fuels hazards management
Walworth, Dennis	Content specifications to enable USGS transition to ISO metadata standard
Warrick, Jonathan	Mapping land-use, hazard vulnerability and habitat suitability using deep neural networks
Wein, Anne	Multiple hazard and vulnerability data integration and visualization for investigation of cross-border social and economic issues
Weltzin, Jake	Workflows to support integrated predictive science capacity: Forecasting invasive species for natural resource planning and risk assessment