

# Statement of Interest Voting and Review Panel Information

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## Timeline for the 2017 RFP

2016 October 19 - November 9: Voting Period

2016 November 9: Voting Closing Session

2016 November 9 - 28: Brief Executive Sponsors

2016 November 28: Invite Full Proposal Submissions

2017 January 20, 5pm ET: Full Proposals Due

2017 January - February: Full Proposal Review Panel

2017 March 8: Awarded Projects Announced

## Statement of Interest Voting

### Overview

Phase I of the RFP process involves community voting. All CDI members can vote online to determine the SOIs recommended for the full proposal phase. The voting period will begin Wednesday, October 19th at 8:00am ET. Voting will close on November 9th during the SOI Voting Closing Session at the CDI Monthly Meeting at 11:00 am ET. CDI members will be allowed to change their votes during the first few minutes of the session, but the system will be locked down after the first 10 minutes. During the SOI Voting Closing Session, the community will decide on the number of SOIs that will be recommended to the CDI Executive Sponsors to move to the full proposal phase of the RFP.

To become a member, or ask any questions, email [cdi@usgs.gov](mailto:cdi@usgs.gov).

### **CDI FY2017 Statement of Interest Voting Closing Session Details**

Wednesday, November 9th, 2016 from 11:00am - 11:30am ET

WebEx: Go to [usgs.webex.com](https://usgs.webex.com) and Select (50) Community for Data Integration

Teleconference: (703) 648-4848 or (855) 547-8255; Code: 47919#

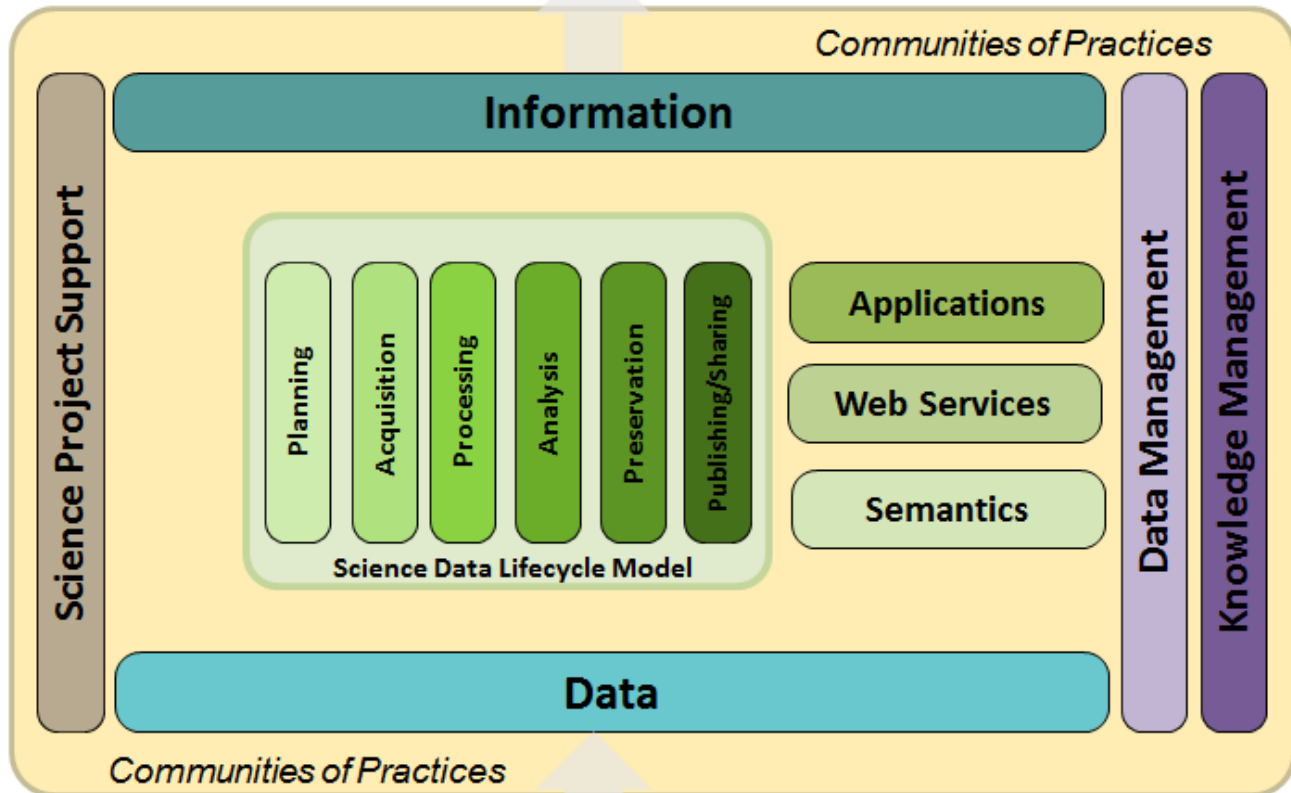
### Voter Responsibilities

CDI members must agree to review and consider all SOIs before voting!

All SOIs should be considered based on the Elements of the CDI Science Support Framework, the Evaluation Criteria of the RFP guidance, and the CDI guiding principles.

### Science Support Framework

## Knowledge: Understanding of Earth Systems



## Monitoring, Assessment & Research

See [U.S. Geological Survey Community for Data Integration \(CDI\) Science Support Framework \(SSF\) documentation](#) for detailed descriptions of each element.

### Evaluation Criteria

#### Scope (25%)

Evaluation will be based on whether the proposal adequately demonstrates the need for the effort/activity, how much the proposal contributes to the guiding principles and element(s) of the CDI Science Support Framework, and whether the effort has potential impact beyond a single Program, Center, Mission Area, or Region. CDI projects will also be evaluated on anticipated return on investment (e.g. cost savings, code utilization, publications, operational efficiencies, etc.).

#### Technical Approach (25%)

Evaluation will be based on the reasonableness of the technical approach applied to the problem and whether the approach is innovative or employs a proven, reliable technique that is appropriate to the problem.

#### Project Experience and Collaboration (25%)

Evaluation will be based on the appropriateness of the experience, special qualifications, and skills possessed for successful completion of the proposed project. Evaluation will also consider whether the inclusion of inter-disciplinary or cross-Mission Area/Region collaboration and partnerships has been pursued where appropriate.

#### Sustainability (15%)

Evaluation will be based on how well the proposal describes the intended sustainability of the project deliverables (products, tools, services, metadata) for long-term access, reusability, and potential for integration. All products resulting from CDI projects must comply with the new [Office of Science Quality and Integrity Instructional Memoranda](#) on data management. These products must be freely shared and made available, without charge or restriction, to the CDI, the broader USGS community, and beyond as appropriate. Software products developed with CDI funding must have, at a minimum, a copy uploaded to a [USGS Bitbucket Repository](#) at the close of the funding period. Additional links to active repositories are encouraged.

## Budget Justification (5%)

Evaluation will be based on whether the budget is at or below \$50,000 and meets the minimum 30% in-kind match. The budget should include travel to the CDI biennial meeting. Evaluation will also consider whether justification of salaries and contractor costs, travel, and equipment/publication costs are appropriate to project needs and the work hours proposed are reasonable within the timeframe. Projects with contractor support must describe how the contract work will be managed and documented to ensure that products are USGS property.

## Timeline (5%)

Evaluation will be based on clear presentation of the project phases and milestones described in the technical approach and the feasibility of the proposed workload given the project duration.

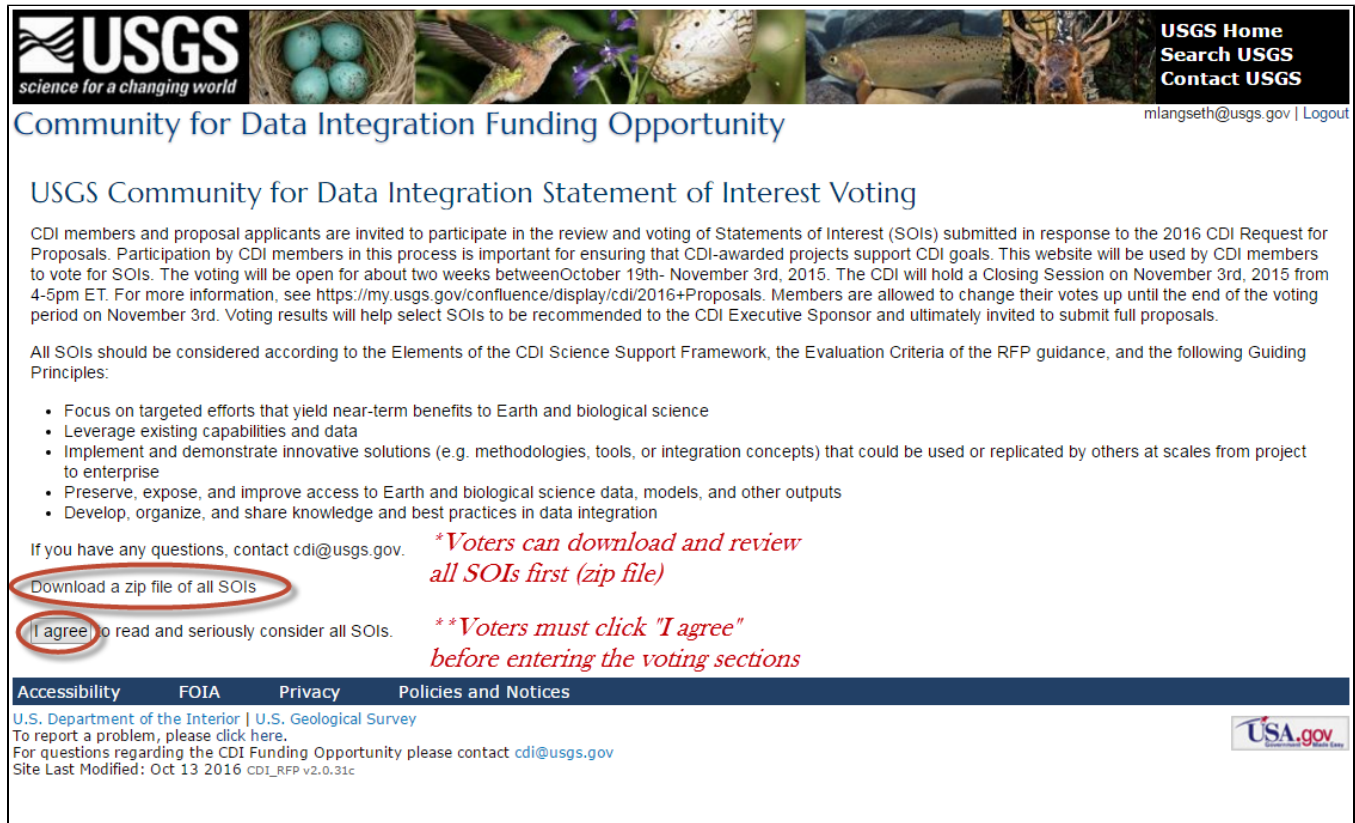
## Guiding Principles

- Focus on targeted efforts that yield near-term benefits to Earth and biological science
- Leverage existing capabilities and data
- Implement and demonstrate innovative solutions (e.g. methodologies, tools, or integration concepts) that could be used or replicated by others at scales from project to enterprise
- Preserve, expose, and improve access to Earth and biological science data, models, and other outputs
- Develop, organize, and share knowledge and best practices in data integration

## SOI Online Voting System

Go to [https://my.usgs.gov/CDI\\_RFP/event/voterAgreement/5248](https://my.usgs.gov/CDI_RFP/event/voterAgreement/5248) to vote:

## MyUSGS Voting Entry Page



The screenshot shows the USGS Voting Entry Page. At the top left is the USGS logo with the tagline "science for a changing world". To the right is a navigation bar with "USGS Home", "Search USGS", and "Contact USGS". Below this is a banner image featuring a bird's nest with blue eggs, a hummingbird, a butterfly, a fish, and a deer. The page title is "Community for Data Integration Funding Opportunity" with a link to "miangseth@usgs.gov | Logout". The main heading is "USGS Community for Data Integration Statement of Interest Voting". The text explains that CDI members and proposal applicants are invited to participate in the review and voting of Statements of Interest (SOIs) submitted in response to the 2016 CDI Request for Proposals. It states that participation by CDI members is important for ensuring that CDI-awarded projects support CDI goals. The voting period is from October 19th to November 3rd, 2015, with a closing session on November 3rd from 4-5pm ET. For more information, it provides the URL <https://my.usgs.gov/confluence/display/cdi/2016+Proposals>. It notes that members are allowed to change their votes up until the end of the voting period on November 3rd. Voting results will help select SOIs to be recommended to the CDI Executive Sponsor and ultimately invited to submit full proposals. Below this, it states that all SOIs should be considered according to the Elements of the CDI Science Support Framework, the Evaluation Criteria of the RFP guidance, and the following Guiding Principles:

- Focus on targeted efforts that yield near-term benefits to Earth and biological science
- Leverage existing capabilities and data
- Implement and demonstrate innovative solutions (e.g. methodologies, tools, or integration concepts) that could be used or replicated by others at scales from project to enterprise
- Preserve, expose, and improve access to Earth and biological science data, models, and other outputs
- Develop, organize, and share knowledge and best practices in data integration

Below the principles, there are two red circles highlighting interactive elements. The first circle is around the text "Download a zip file of all SOIs" and is accompanied by the red text: *\* Voters can download and review all SOIs first (zip file)*. The second circle is around the text "I agree" and is accompanied by the red text: *\*\* Voters must click "I agree" before entering the voting sections*. At the bottom of the page, there is a navigation bar with links for "Accessibility", "FOIA", "Privacy", and "Policies and Notices". Below this bar, there is text: "U.S. Department of the Interior | U.S. Geological Survey", "To report a problem, please click here.", "For questions regarding the CDI Funding Opportunity please contact [cdi@usgs.gov](mailto:cdi@usgs.gov)", and "Site Last Modified: Oct 13 2016 CDI\_RFP v2.0.31c". The USA.gov logo is also present in the bottom right corner.

## SOI List Page

SOIs are listed randomly each time you enter the system. You can download a CSV file, which will list all SOIs and their metadata. Click on the title of the SOI to get to the voting page.

**Community for Data Integration: Voting on Statements of Interest for CDI-funded Research**

[Download all SOIs as CSV](#)

SOI Title	PI	SOI Abstract
Upper Midwest Lake Water Quality Database (LWQD): Understanding Lake Ecosystem Responses Through Data Integration	...	The response of lakes to chan... consistent framework to evalu... as well as observations from S... will use USGS ScienceBase to... a high density of lakes and res...
Data Integration on Steriods: Using all Enterprise Wide Information Simultaneously to Enhance Total Information Awareness	Bennett, Randy	This project would create a vis... See what information is availab... of data users at all levels of th...
Connecting people and groundwater: an interactive web page and data archive for visualizing and retrieving groundwater recharge model output	Trost, Jared	Data and summaries for many... However, groundwater recharg... visualize. We aim to overcome... data.
Hunting Invasive Species with HTCondor: High Throughput Computing for Big Data and Next Generation Sequencing	McCalla, S. Grace	Innovative computing solutions... computing solutions simultane... funding could help build data-p...
Using semantic Volunteered Geographic Information and 3DEP data to develop 3D structures	Stensaas, Gregory	It is proposed to integrate infor... Information (VGI) program of T... The proposal envisages to pro... help of volunteers to map the l... cemeteries, and fire stations. I... geometric extents of these stru... and natural features present in... proposed to use VGI to identifi... features of interest. Identifying... buildings, and rural areas for v... together with VGI based attrib...
Improved Webtool to Compare North American Freshwater Fish Data Collected Using AFS Standard Sampling Methods	Bonar, Scott	We developed a webtool, fishe... techniques recommended by t... assessments of freshwater fis... magazine. We wish to partner... calibration and include addition...
Enhance existing web resources to support aspects of the data management process for multiple research and monitoring programs and projects	Bayer, Jennifer	Enhance existing web resourc... projects that operate at local to... reuse of scientific data, minimi...

Click on SOI Title to get to the voting page.

**UserVoice SOI Voting Page**

You will have 15 votes to use across all SOIs, and each SOI can receive 1-3 votes. Click on the "Vote" button to select either one, two or three votes for the SOI.

Comments are encouraged, and PIs can and should respond to the comments using the system.

Click on "Settings" to see all of your SOI votes and comments.

CDI SOI Voting

**Click on Vote to get # of votes**

Vote 1 vote 2 votes 3 votes

You have 9 votes left! (?)

**Click on Settings to get your SOI votes and comments**

Jennifer Carlino (Stay signed in) Settings Sign out

**Start**

2 Votes Very Good SOI

3 Votes Excellent SOI

You have a total of 10 votes to spread among the SOIs in each category. You may add 1 to 3 votes to any SOI.

9 votes left!

0 comments

Add a comment...

Post comment

Buchwald\_WUMI\_SOI\_C... 98 KB

Cheryl Buchwald shared this idea · Oct 10, 2014 · [Flag idea as inappropriate...](#)

## Voting Strategies

Consider giving each interesting SOI 1 vote to go back and review and modify later. Also, consider downloading the csv file and using the spreadsheet to add comments and manage votes.

## Review Panel

Full Proposals will be evaluated according to the Evaluation Criteria. Proposals will be reviewed by a panel consisting of a professional peer group that is knowledgeable in data management, information technology, and other relevant disciplines in the context of the CDI. All efforts will be made to include broad disciplinary representation and expertise. Reviewers may consult with subject experts outside of the Review Panel as needed. Reviewers will be asked to sign a Conflict of Interest Statement and Certification to ensure objectivity of the evaluation. Proposals will be scored by reviewers and ranked through a peer consensus process. Recommendations by the Review Panel will be presented to the CDI Executive Sponsors for final selection.