

## What's happening around the CDI

July 2020

For more information on any of the collaboration areas, see <https://my.usgs.gov/confluence/x/yhv1l>

July 2020 –  
**Data Management  
Working Group**

Group Contacts:  
Viv Hutchison  
- [vhutchison@usgs.gov](mailto:vhutchison@usgs.gov)

Madison Langseth -  
[mlangseth@usgs.gov](mailto:mlangseth@usgs.gov)

**Next event: Monday, July 13, 2020**

Collections Management Instructional Memo and  
Center-Level Collection Management Plans

- Lindsay Powers and Brian Buczowski

**Past event: Monday, June 8, 2020**

Data Curation Network Activities and Primers

July 2020 –  
**Metadata Reviewers  
Community of  
Practice**

Group Contacts:  
Fran Lightsom  
flightsom@usgs.gov

Next event:

Monday, Aug. 3 (unless we take a holiday!)

Past event:

**Reviewing Metadata for Code and Software  
Releases**

A discussion with Eric Martinez

Monday, July 6

July 2020 –  
**Semantic Web  
Working Group**

Group Contacts:  
Fran Lightsom  
flightsom@usgs.gov

Next event:

**Discussion of a paper**, "The Semantic Zoo: Smart Data Hubs, Knowledge Graphs, and Data Catalogs" ([link](#))

Thursday, July 9, noon Denver time

Special event:

**ESIP Ontology Tutorial** on July 13.

[Registration](#) deadline is July 9!

No charge to attend.

## July 2020 – Usability

Group Contacts:  
Sophie Hou  
chungyihou@contractor.usgs.gov

### Next Event: July 15 – Resource Review

- Discussion Topic: Designing usability/user experience (UX) for mobile devices
- Next Town Hall Meeting: August 19
  - Main Presentation Topic: Human-Centered Approach and Usability - Jaime Albrecht from Impact360
- Ongoing activity:
  - Have usability questions? Post them at: <https://my.usgs.gov/confluence/x/yZCpJq>
  - Interested in being a usability tester? Sign up at: <https://my.usgs.gov/confluence/x/ZMmpJq>
  - Want to stay in touch? Join Listserv via: <https://listserv.usgs.gov/mailman/listinfo/cdi-usability>

### Past Event: May 20 – Resource Review

- Discussion Topic: How usability and interface influence user experience, including credibility and use

July 2020 –  
Data Visualization

Group Contacts:  
Alicia Rhoades (Primary)  
[arhoades@usgs.gov](mailto:arhoades@usgs.gov)

Amy Puls  
Colleen Nell  
Dionne Zoanni  
Ellen Bechtel  
Sophie Hou

## Completed the kick-off webinar: July 2nd

- Sign up with our listserv to receive the recording and updates:  
<https://listserv.usgs.gov/mailman/listinfo/cdi-dataviz>
- Provide feedback to us via our survey:  
<https://www.surveymonkey.com/r/36WX7P8>
- Get in touch to help us plan the next meet up:  
<https://my.usgs.gov/confluence/display/cdi/Data+Visualization+Collaboration+Area>

Next activity:

- Share survey results.

July 2020 –  
Tech Stack / ESIP IT&I

Group Contacts:  
Dave Blodgett  
dblodgett@usgs.gov

**Next event:**  
**ESIP Summer Meeting!!!**

<https://2020esipsummermeeting.sched.com/>

**Past event:**

11 June 2020: "ESIP infrastructure and response to support the community during the pandemic" -- Erin Robinson ([more info on the wiki](#))

July 2020 –  
**eDNA Community of  
Practice**

Group Contacts: Jason  
Ferrante, Damian  
Menning

[jferrante@usgs.gov](mailto:jferrante@usgs.gov)  
[dmanning@usgs.gov](mailto:dmanning@usgs.gov)

**News:** Damian Menning has agreed to help run the CoP. Working on formatting the site, which will include several sub-forums for getting work done! (Standards, Methods (Metabarcoding, qPCR, etc.), Analysis, Interpretation...) Won't include monthly meetings at first, rather will be an organized landing page.

<https://my.usgs.gov/confluence/display/cdi/ETWG+eDNA+Community+of+Practice>

**Membership** is open to anyone.

<https://doimsp.sharepoint.com/:x/s/CDIInternal/EdncCtXkNvhHkODa2TJmKFsB6xKGYNmMC5rJKZ88k-HooQ?e=PERFsS>

(open to anyone in DOI who has the link)



July 2020 –  
**National Innovation  
Center**

Group Contacts:  
John Stock  
([jstock@usgs.gov](mailto:jstock@usgs.gov))

Tamara Wilson  
([tswilson@usgs.gov](mailto:tswilson@usgs.gov))

The USGS National Innovation Center (NIC) works with public and private technology partners to design, test, and bring into operation a new generation of technical and engineering tools to solve pressing national problems.

Next event: **An Introduction to the New NIC UAS Research Center (and the Engineers who power it)** - July 9 @ 10:00 am (PDT)

More info and how to join at

<https://my.usgs.gov/confluence/x/54UNK>

July 2020

## Open Innovation (OI) Community

**Sophia B Liu**

SophiaLiu@usgs.gov

OpenInnovation@usgs.gov

[Open Innovation Community Wiki](#)

[Ignite OI Forum Videos on Stream](#)

[USGS Open Innovation Team Space](#)

### Next Meeting:

**Tuesday, July 21 @ 11-12 Eastern**

**Strategic Design of Citizen Science**

*Dr. Jennifer Shirk (Executive Director of the Citizen Science Association)*

### Resources:

- [Open Innovation for Floods](#) (July 1, 2020)  
Pre-recorded talk on flood-related open innovation efforts
- [July 2020 Open Innovation Newsletter](#) (Coming Soon)

### Past Meetings:

- [Tackling the Paperwork Reduction Act \(PRA\) in the Age of Social Media and Web-based interactive Technology](#) (June 18)
- [Indigenous Observation Network \(ION\): Community-Based Water Quality Monitoring Project](#) (June 19)
- [FedCCS June Meeting “NOAA Citizen Science on Data Quality” and “Eterna OpenVaccine for COVID-19”](#) (June 25)

July 2020 –  
**Risk Community  
of Practice**

Group Contacts:  
Kris Ludwig, Dave  
Ramsey, Emily Brooks

[riskyworld@usgs.gov](mailto:riskyworld@usgs.gov)

[Risk Community of  
Practice Wiki](#)

**Next event: July 16, 2020 @ 1p ET**

- Presentations from the FY19 Risk proposal awardees  
*Topics: mineral supply disruption, earthquake risk communication, hazard exposure analysis, and ecological forecasts for risk management*
- Join Risk COP or see NTK for calendar invite.

**Risk COP "Face-to-Face" meeting going Virtual**

- Annual "face-to-face" meeting is online August 11-13, 2020
- Draft agenda available next week

**Hazards, Race, and Social Justice Speaker Series**

- Organized by Hazards Mission Area and ONYX
- 4-part series featuring external speakers in July/August, exact dates TBC
- This will be cross-advertised through Risk COP.

July 2020 –  
Artificial Intelligence/  
Machine Learning

Group Contacts:  
Pete Doucette  
([pdoucette@usgs.gov](mailto:pdoucette@usgs.gov))  
and  
JC Nelson  
([jcnelson@usgs.gov](mailto:jcnelson@usgs.gov))

Next event: July 14, Tuesday, 3-4pm Eastern.  
**GageCam Project – Hardware and Computer  
vision method for reading gage height** (Daniel  
Beckman, USGS)

Past event: June 9, USGS Tallgrass  
Supercomputer 101 for AI/ML (Natalya Rapstine,  
USGS)