Collaboration Areas

As part of networking and sharing knowledge and experience, the CDI has expanded its community approach through Collaboration Areas that form around common interests, help address challenges, and identify solutions that enable data integration efforts. Collaboration Areas have one or more leads and membership is open to all employees, other government agencies, and external organizations. Some Collaboration Areas have also further subdivided into smaller Focus Groups that address more specific issues and report up to their respective area. Scroll to the bottom to see previous groups that are not active at this time.

- **Artificial Intelligence and Machine Learning**

  The purpose of the group is to discover and share AI/ML work being done at the USGS, offer learning opportunities, learn what needs exist across the bureau, and create connections between USGS employees.

- **Citizen-Centered Innovation**

  A community to share best practices, resources, and emerging projects involving Crowdsourcing, Citizen Science, Civic Hacking, Prizes & Challenge Competitions, and other Open Innovation efforts. Connect with other USGS and DOI bureaus on related open innovation efforts. Participate in monthly USGS and DOI meetings and working groups.

- **Data Management**

  A team dedicated to developing mechanisms for incorporating data management into science, raising awareness of its importance and value, and promoting the elevation of the practice of data management as a critical partner in the pursuit of science.

  - **Metadata Reviewers**

    The purpose of this group is to develop a community of practice for people who **review** metadata, so that the standards across the USGS are consistent.

- **Data Science**

  The purpose of this group is to share content related to data science at the USGS.

- **DevOps**

  A group to share new techniques and lessons learned using DevOps tools and methods

- **Earth-Science Themes**

  Driven by Earth science needs, this group engages members of thematic communities, such as water or land cover, to help develop and share methods, data, software, and conceptual models for their appropriate use within theme-specific applications, as well as for their integration in multi-theme contexts.

  - **Bioinformatics**
  - **Elevation**
  - **Fire Science**
  - **Risk**
  - **Subduction Zone**

- **Interagency Collaborative for Environmental Modeling and Monitoring**

  The purpose of this group is to continue and strengthen a framework for facilitating cooperation and coordination among Federal agencies in research and development of multimedia environmental models, software and related databases.

- **Semantic Web**

  A team focused on exploring Semantic Web technologies as possible solutions for integrating and exposing related but disparate data sets.

- **Software Development**

  A community for USGS software developers and other interested parties to discuss software release protocols and policies, development best practices, software metadata, and software libraries, packages, and tools.

- **Technology Stack**

  A group that concerns a broadly defined and applicable set or "stack" of technology that can be used to promote the management and use of data and processing services and tools as well as enhance interoperability between individual services to help scientists pursue more integrated science.

Previously active groups

Communication   Connected Devices / Mobile App   Open Source   Structure from Motion (SfM)