

## 2017 CDI Workshop Agenda - version 5/4/2017

### Theme: Enabling Integrated Science

Denver Federal Center, Lakewood, CO

Plenary Presentations in Building 41, Remington Arms Room

Breakout Sessions in Building 53, National Training Center

Concurrent Events

<b>Monday, May 15</b>	1:00p – 4:30p	Geospatial API Plugfest (USGS, FGDC, and CDI) CFEB Training Room, Building 25	Rich Frazier, USGS and Lorna Schmid, USGS
<b>Tuesday, May 16</b>	8:00a – 4:30p	Geospatial API Plugfest (USGS, FGDC, and CDI) CRC Conference Room, Building 810	Rich Frazier, USGS and Lorna Schmid, USGS
	8:00a – 8:30a	Registration	
	8:30a – 10:00a	Welcome and Opening Remarks	Max Ethridge, USGS, and Tim Quinn, USGS
		Strategic Priorities from the COSSA (Council of Senior Science Advisors) Workshop	Marty Goldhaber, USGS
		Beyond the Fourth Paradigm: Integrative Science is also about People	Bruce Caron, ESIP (Earth Science Information Partners)
	10:00a – 10:30a	Break	
	10:30a – 12:00p	Short Presentations and Lightning Talks	<ul style="list-style-type: none"> <li>- The Joy of Data Lightning Panel</li> <li>- Data Science Community of Practice</li> <li>- Advanced Scientific Computing Solutions</li> <li>- Additional Lightning talks</li> </ul>
	12:00p–1:30p	Lunch	
		Enabling Integrated Science	Kevin T. Gallagher, USGS
		Panel: The CDI Role in Enabling Integrated Science	<ul style="list-style-type: none"> <li>- Viv Hutchison, Rich Signell, Fran Lightsom, JC Nelson, Roland Viger</li> </ul>
	3:00p – 3:30p	Break	
	3:30p – 5:00p	Concurrent Breakout Sessions	<ul style="list-style-type: none"> <li>- Roadmap discussions on Enabling Integrated Science                             <ul style="list-style-type: none"> <li>- Data and Data Integration</li> <li>- Modeling</li> <li>- Computing Capacity</li> <li>- Science Data Infrastructure</li> </ul> </li> <li>- Information Technology Architecture to Support Integrated Science</li> <li>- National Map Corps Mapathon</li> <li>- Legacy Data: Challenges and Solutions</li> <li>- Data Citation - What's all the Fuss?</li> </ul>
			<ul style="list-style-type: none"> <li>- Metadata Reviewers Community of Practice</li> </ul>
<b>Wednesday, May 17</b>	8:30a – 10:00a	Plenary Presentations	<ul style="list-style-type: none"> <li>- Workshop Announcements and Updates from Day 1</li> <li>- API Plugfest Report Out</li> <li>- Elevation/Hydrography Data Integration</li> </ul>
	10:00a – 10:30a	Break	
	10:30a – 12:00p	Concurrent Breakout Sessions	<ul style="list-style-type: none"> <li>- Roadmap discussions on Enabling Integrated Science                             <ul style="list-style-type: none"> <li>- Data and Data Integration</li> <li>- Modeling</li> <li>- Computing Capacity</li> <li>- Science Data Infrastructure</li> </ul> </li> <li>- Data Management Plans and Strategies for Science Centers</li> <li>- Software Showcase</li> <li>- Enterprise Tools for Monitoring</li> <li>- Getting Your Hands Dirty with 3DEP Data</li> <li>- USGS Science on a Screen</li> </ul>
			Lunch

<b>Wednesday, May 17</b>	1:30p – 3:00p	Concurrent Breakout Sessions	<ul style="list-style-type: none"> <li>- Roadmap discussions on Enabling Integrated Science <ul style="list-style-type: none"> <li>- Data and Data Integration</li> <li>- Modeling</li> <li>- Computing Capacity</li> <li>- Science Data Infrastructure</li> </ul> </li> <li>- Delivery of Real-Time Information</li> <li>- Trusted Digital Repositories (TDR)</li> <li>- Fine-tuning guidelines for revising public USGS data</li> <li>- National Geospatial Data Development</li> <li>- Cloud Hosting Solutions</li> </ul>
	3:00p – 3:30p	Break	
	3:30p – 5:00p	Concurrent Working Group Meetings: Creating a Roadmap for the USGS Science Vision & Priorities	<ul style="list-style-type: none"> <li>- Roadmap discussions on Enabling Integrated Science <ul style="list-style-type: none"> <li>- Data and Data Integration</li> <li>- Modeling</li> <li>- Computing Capacity</li> <li>- Science Data Infrastructure</li> </ul> </li> <li>- Data Management</li> <li>- Tech Stack</li> <li>- Semantic Web</li> <li>- Earth Science Themes</li> </ul>
	5:00p – 6:30p	Birds of a Feather Discussions	<ul style="list-style-type: none"> <li>- Data Science Community of Practice</li> <li>- Coasts and Oceans and Great Lakes: Where can we cooperate on data management?</li> </ul>
<b>Thursday, May 18</b>	7:30a – 8:30a	Breakfast with Bill (CDI)	Bill Werkheiser, USGS
	8:30a – 10:00a	DataBlast Posters and Demos USGS Library & Remington Arms Room (Building 41)	Moderators: Leslie Hsu and Madison Langseth
	10:00a – 10:30a	Break	
	10:30a – 12:00p	Keynote Speaker CDI in Action Panel	Bill Werkheiser, USGS  - Leveraging CDI Success for Advancing the USGS Science Vision and Priorities
	12:00p – 1:30p	Lunch	
	1:30p – 3:00p	Roadmap Report Outs	- Working Group and Breakout Leads
	3:00p – 3:30p	Break	
	3:30p – 5:00p	Interactive Session to Set Priorities Closing Discussion on Next Steps Award Ceremony	<ul style="list-style-type: none"> <li>- Leslie Hsu, USGS</li> <li>- Kevin T. Gallagher, Tim Quinn, Bill Werkheiser, Associate Directors, and CDI Coordinators</li> </ul>
<b>Friday, May 19</b>	8:30a – 4:30p	R Workshop for Beginners	Lindsay Carr, USGS
	8:30a – 12:30a	Introduction to Advanced Scientific Computing	Janice Gordon, USGS
	8:30a – 12:00a	Open Lab	
	8:30a – 12:00p	Workshop Report Writing Session	Leslie Hsu, USGS and Madison Langseth, USGS