

# Stewarding Data Workshop Outcomes: from Roadmap to Action

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Community for Data Integration (CDI)

ESIP Data Stewardship Committee telecon

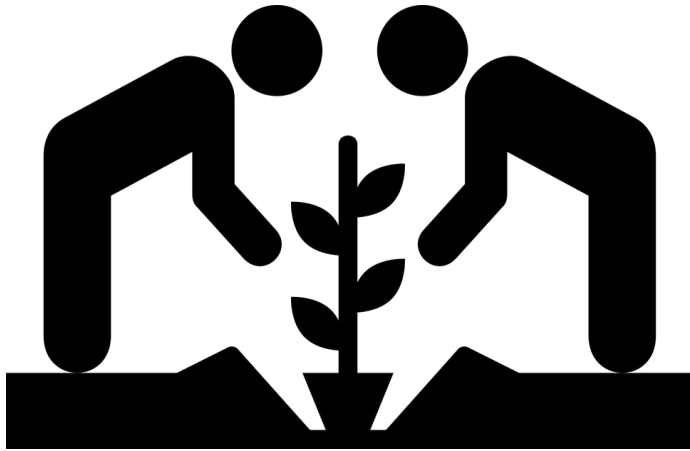
October 16, 2017

# How do you keep momentum and carry forward knowledge and ideas generated at a meeting?

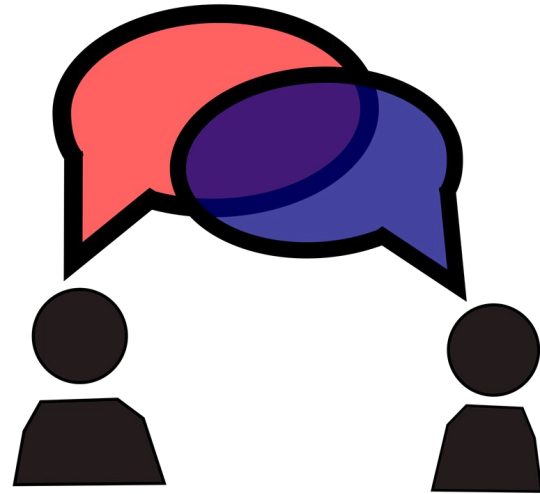


# What is the Community for Data Integration?

It is a group where members can....



grow our expertise



communicate across boundaries

# CDI Topics come and go as determined by the community. Some currently active topics are:

**Data management** (topics related to the Data Life Cycle)

**Tech Stack** (joint with ESIP Tech Dive)

**Open Source Coffee Talks** (web development and APIs)

**Software Development** (discoverability, credit and citation)

**Semantic Web** (user stories)

**Bioinformatics** (new techniques, High Throughput and Performance computing, apps)

**DevOps** (examples of different groups' DevOps practices)

# Where to get more information (JOIN US!):

## The CDI Wiki:

<https://my.usgs.gov/confluence/display/cdi>  
(or websearch “myusgs cdi”)

**News blog | Forum | Join a Group**

**View the calendar**

**Browse past projects and event notes**

# Community for Data Integration Workshop

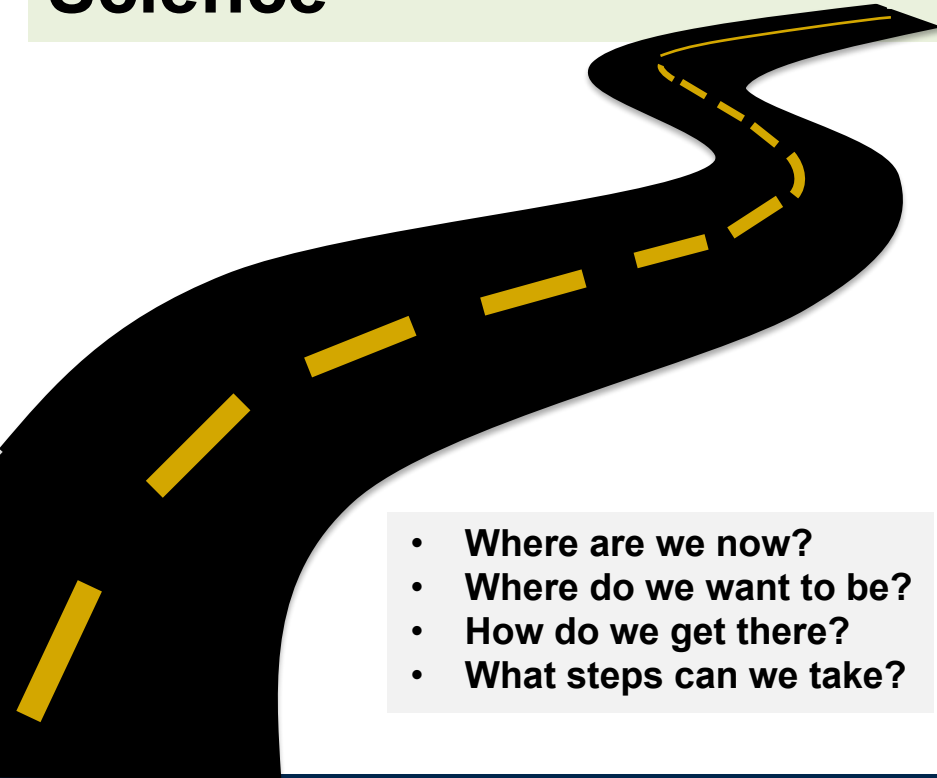
May 16-19 2017, Denver

Theme: Enabling Integrated Science

Goals:

- Grow the expertise of attendees
- Share knowledge across boundaries
- **Create a Roadmap to Integrated Science**

# The Charge: Create a Roadmap to Integrated Science



- Where are we now?
- Where do we want to be?
- How do we get there?
- What steps can we take?

Computing  
Capacity

Modeling

Data &  
Integration

Science Data  
Infrastructure

# The process for generating a roadmap

## 1. Keynote presentations and panels to set the stage

## 2. Roadmap Breakout Sessions

Breakout Objectives: When we leave the room, we want to have 3-5 suggestions on actions that could be taken to fill some of the gaps that you identify as a group about how we can better enable integrated science.

- What are the assets? / Where are we now? / What is the current state?
- What are the gaps? / Where do we want to be?
- How can we fill those gaps? / How do we get to where we want to be?
- Suggestions on pilot projects? What are steps we can take to reach where we want to be?



# The outcomes

## Community for Data Integration 2017 Workshop - Enabling Integrated Science Roadmapping Activity Recommendations

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# Who is going to do this?

- Which recommendations **are feasible?**
- Which recommendations **have greatest impact?**
- Which recommendations **fit in with our current plans?**
- Which recommendations **have champions?**

# Lessons for going from roadmap to action

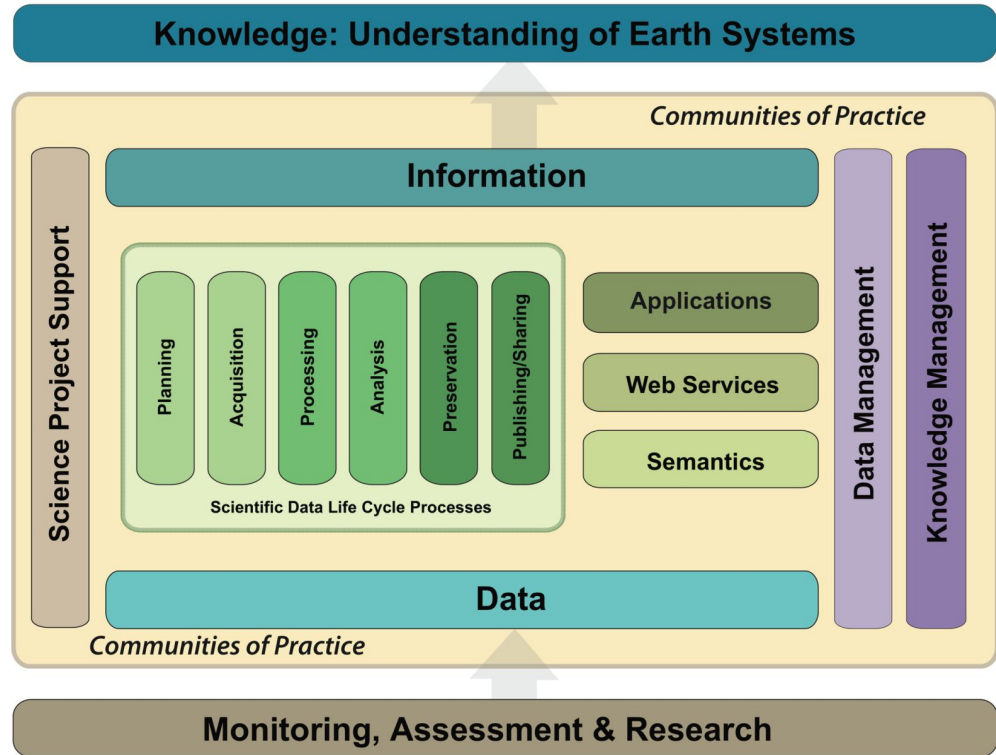
1. Relate back to group framework and goals
2. Publish and share a document
3. Link the ideas to funding opportunities and deadline
4. Recruit champions

# 1. Relate back to group framework and goals

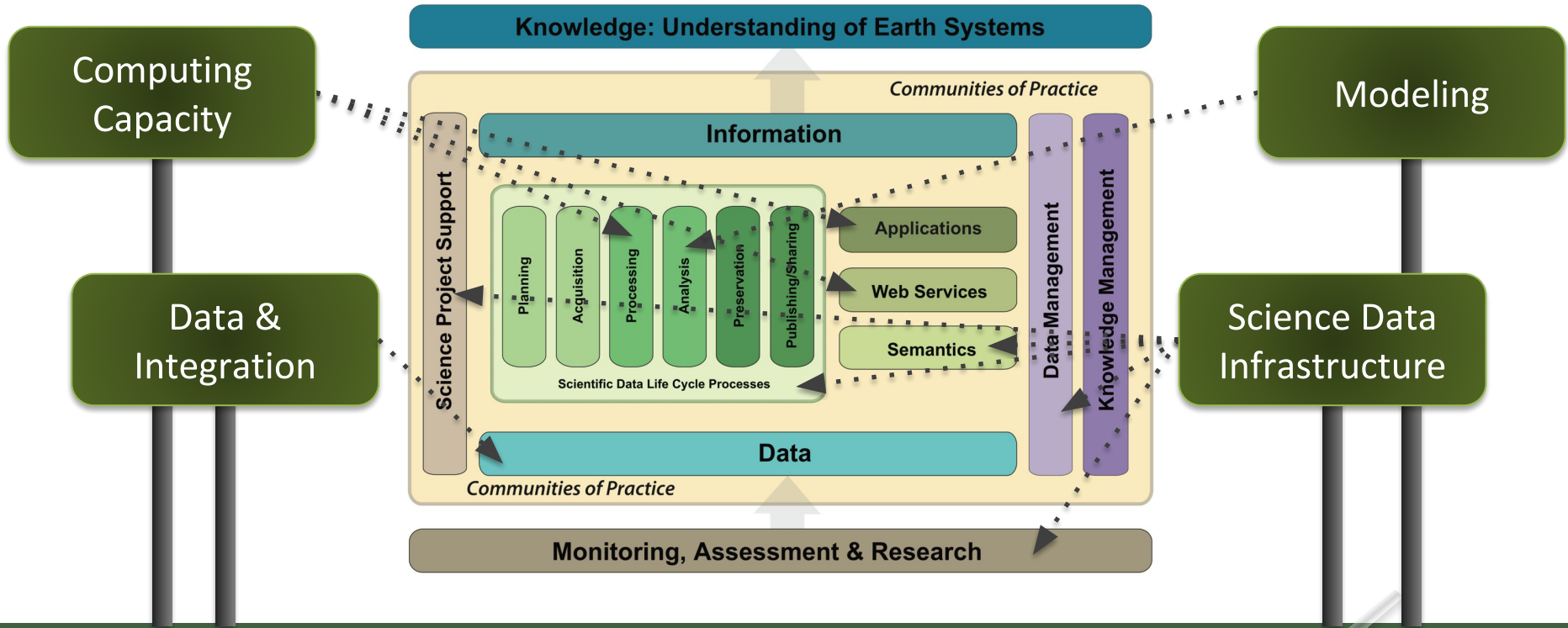
- Creates buy-in from the group, speaks to their identity

# CDI Science Support Framework

Our foundation for sharing science



# Creating a Roadmap to Integrated Science



## 2. Publish and share a document

- Puts the recommendations into the public record.
- Others could pick up and execute the ideas!

### 3. Link the ideas to funding opportunities and deadlines

- Incorporates incentives, promotes the ideas.
- For funders: provides better guidance.



## 4. Recruit champions

- If someone was very vocal and repetitive of an idea in the discussions, include them in the implementation.

# Where are we now?

- **Monthly meetings and working groups** incorporate topical ideas
- Proposals process guidance will incorporate overarching ideas
- **Special series** kicked off like the Reproducible Notebooks series
- **Trainings** are being planned that follow the topics of need

# SUMMARY:

## Lessons for going from roadmap to action

1. Relate back to group framework and goals
2. Publish and share a document
3. Link the ideas to funding opportunities and deadlines
4. Recruit champions
5. ...add your own...