

Update on the Data Management Workgroup

Steven Steinberg – Workgroup Chair
30 November 2011

Data Management Workgroup*

Play a critical coordinating role to ensure that the theme-specific workgroups:

1. Meticulously define their data requirements;
2. Identify and coordinate data requirements that cut across multiple themes;
3. Employ data management strategies that comply with appropriate national and state guidelines;
4. Have a well-established mechanism to communicate data management issues.

* From: *A Comprehensive Monitoring Program Strategy for California*, p. 27



Data Coordination

The Monitoring Council's data management workgroup will support data management efforts of each theme-specific workgroup, as well as playing a coordinating role where data requirements cut across multiple themes.

* From: *A Comprehensive Monitoring Program Strategy for California*, p. 28

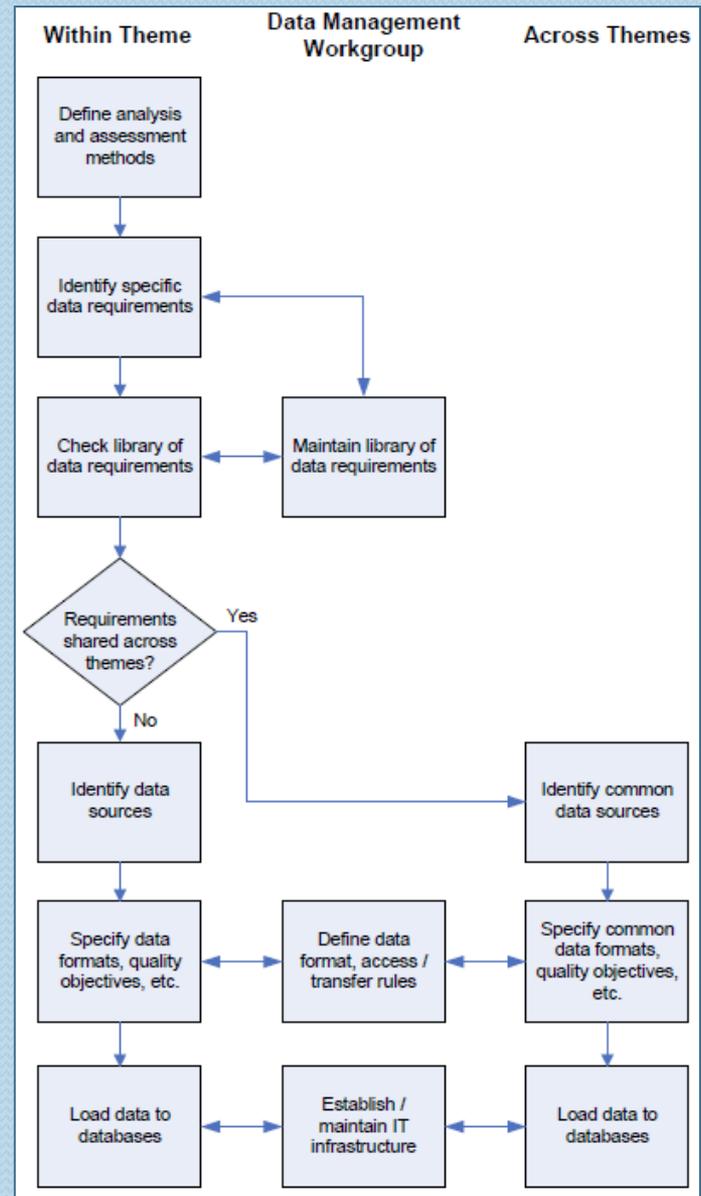


Figure 7



A larger vision

- Look outward to other partners within and outside of state government;
- Ensure that the Monitoring Council's data management strategy remains aligned with State and Federal initiatives;
- Take advantage of opportunities to utilize useful tools and approaches developed elsewhere.

* From: *A Comprehensive Monitoring Program Strategy for California*, pp. 28-29



Communication

- Stay abreast of the State's developing data management policies and ensure adequate channels of communication are in place;
- Use development of the prototype web portals to identify data management issues;
- Ensure that data management methods and the reporting web portals are both compatible with CEDEN and make effective use of its capabilities.

* From: *A Comprehensive Monitoring Program Strategy for California*, p. 40



Workgroup Formation

- Summer 2011 – Developed List of prospective members, invitation letter and background material
- Objective: Draw membership from multiple realms to ensure a wide breadth of expertise
 - State Agencies
 - NGO's
 - Academic and Research Labs
 - Private Industry

Workgroup Membership

- California Department of Fish and Game
- California Department of Public Health
- California Department of Water Resources
- California Natural Resources Agency
- California Ocean Science Trust (OST), MPA Monitoring Enterprise
- California State Water Resources Control Board (SWRCB)
- California State University (CSU), Council on Ocean Affairs, Science and Technology (COAST)
- California Technology Agency
- Esri
- Heal the Bay
- IBM
- Lawrence Berkeley National Laboratory
- Microsoft
- San Francisco Estuary Institute (SFEI)
- San Francisco State University
- Southern California Coastal Ocean Observing System (SCCOOS)
- Southern California Coastal Water Research Project (SCCWRP)
- 34 North



Workgroup meetings

- Two meetings of the workgroup have been held:
 - Kick-off meeting held September 16, 2011
 - Second meeting November 22, 2011
- Our next meeting will be Jan/Feb 2012

September 16 meeting

- Provided participants relevant background (SB1070)
- Perspective from the California Technology Agency
- Information on current portal architecture
- Brief updates/examples on several data management projects (BIOS, CEDEN, CERES, etc.)

November 22 meeting

- Explored examples of data management technologies
 - IBM
 - ~~Lawrence Berkeley National Lab~~
 - MPA Monitoring Enterprise
- Information on developing portal architecture/issues
- Initial feedback from theme based workgroups on their identified data management needs
- Planning for development of a Data Management Workgroup Strategy (next meeting)

Questions asked of Workgroups

- What are the problems in data management?
- What data sets should be a priority for access?
- Where are the data gaps?
- What data restrictions currently exist?

Next steps (2012)

- Develop workgroup strategy document
- Continue to learn about and identify appropriate data management strategies relevant to our objectives
- Prioritize data management needs and solutions for the theme-based workgroups
- Where needed provide direction and support to the Monitoring Council and the theme-based workgroups

Thank You!

Questions?

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