


Steering Committee for the Data Management Workgroup

Meeting #2
Dec 16, 2016



Agenda

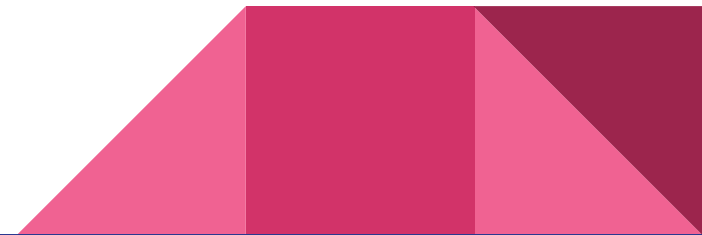
1. Review agenda, re-introduce steering committee purpose & members, and make announcements
 2. Review past materials: Fact sheets, glossary, vision document
 3. Review AB 1755: What does it call for, who will be participating in its implementation?
 4. AB 1755 implementation steps and alignment with current initiatives: Share activities that have taken place thus far to advance open data
 5. Steering Committee role: How will the Steering Committee advance open data initiatives?
 6. Formulate next steps
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Mission for the Data Management Workgroup

Serve as a coordinating and information resource for other workgroups

Advance data and information sharing among resource agencies

Coordinate information technology-related efforts and opportunities

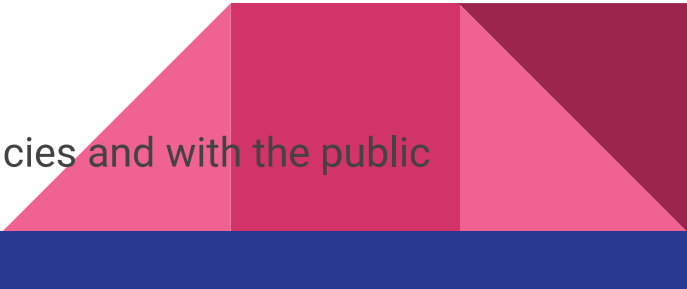


Initial Goals

a. Meeting goals

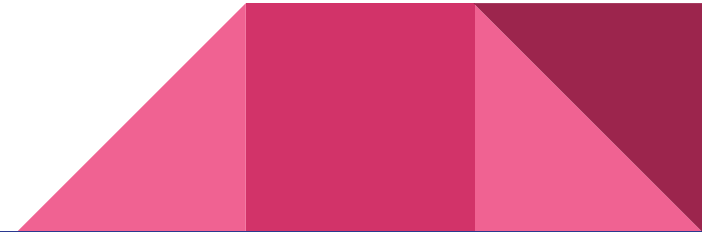
- i. Address questions about key concepts
- ii. Review potential contribution to AB 1755
- iii. Align efforts where possible

b. Steering Committee goals

- i. Develop implementation plan for the recommendations in the white paper
 - ii. Guide activities of the DMWG
 - iii. Promote optimization of data sharing among state agencies and with the public
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Review Information Assets

- Factsheets
- Glossary
- White Paper / Vision Document

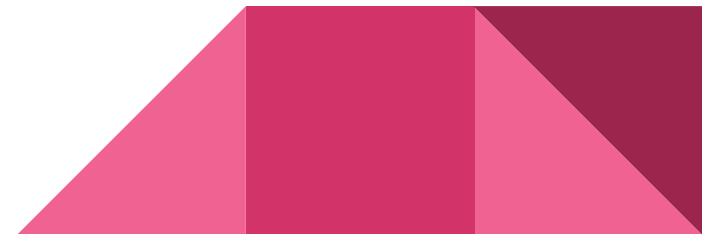


AB 1755: The Open and Transparent Water Data Act

https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160AB1755

Stated Goals:


“The act would require the department, in consultation with the **California Water Quality Monitoring Council**, the state board, and the Department of Fish and Wildlife, in accordance with a specified schedule, to create, operate, and maintain a **statewide integrated water data platform** that, among other things, would integrate existing **water and ecological data information** from multiple databases and provide data on completed water transfers and exchanges.”



AB 1755: The Open and Transparent Water Data Act

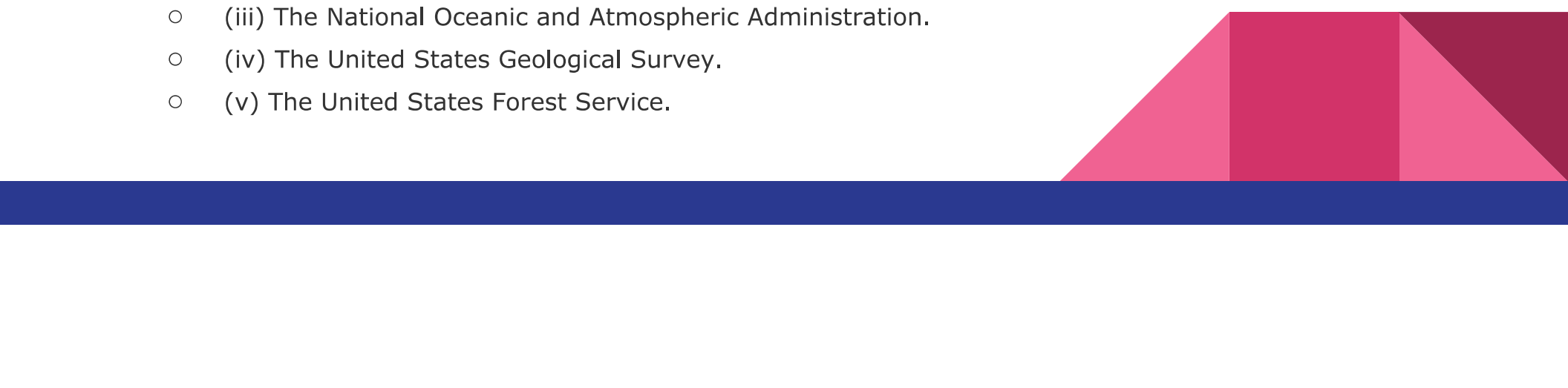
Stated Goals:

“The act would require the department, in consultation with the **California Water Quality Monitoring Council**, the state board, and the Department of Fish and Wildlife, to develop protocols for **data sharing, documentation, quality control, public access, and promotion of open-source platforms** and decision support tools related to water data and to submit to the Legislature a report on those protocols. The act would require a recipient of state funds through a grant or contract for research or a project relating to the improvement of water or ecological data to adhere to those protocols or be ineligible for state funding.”



AB 1755: The Open and Transparent Water Data Act

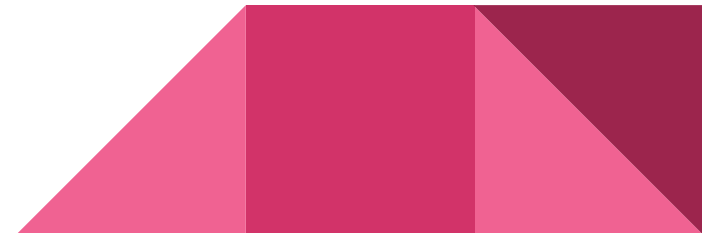
Deliverables:

- Jan 1, 2018: Data-sharing protocols
 - Jan 1, 2018: Strategic Plan
 - April 1, 2018: RFP
 - Sept 1, 2019: Post water and ecological data
 - Sept 1, 2020: Water and ecological data related to California water supply and management from the following agencies
 - The United States Bureau of Reclamation.
 - (ii) The United States Fish and Wildlife Service.
 - (iii) The National Oceanic and Atmospheric Administration.
 - (iv) The United States Geological Survey.
 - (v) The United States Forest Service.
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AB 1755: The Open and Transparent Water Data Act

Finances

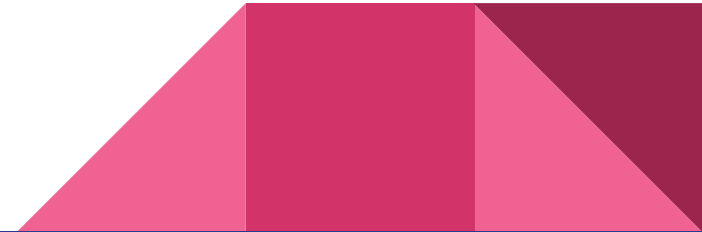
“The act would create the Water Data Administration Fund. The act would specify that moneys in the fund would be available, upon appropriation, to the department, the state board, or the Department of Fish and Wildlife for the collection, management, and improvement of water and ecological data for the purposes of the act.”



AB 1755: The Open and Transparent Water Data Act

Data sharing protocols Report

“The report shall be developed in collaboration with the **California Water Quality Monitoring Council**, the state board, the Department of Fish and Wildlife, relevant federal agencies, and interested stakeholders, including, but not limited to, technology and open data experts and water data users”



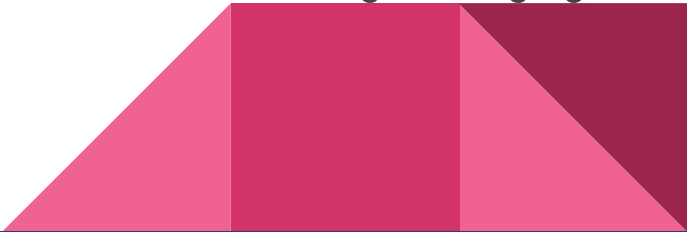
AB 1755: The Open and Transparent Water Data Act

What is happening currently to advance the Act in...

- DWR
- SWRCB
- DFW



AB 1755: Potential Steering Committee Roles

- Authorize staff to work with the DMWG, in concert with others, to
 - identify challenges and opportunities related to developing the data-sharing protocols
 - determine to what degree the protocols must be scientific or technical
 - illustrate the use-cases for data-sharing that would be most useful to AB 1755 implementation
 - Develop state-wide data governance strategy
 - Authorize the development of state-wide data standards where appropriate to maximize information exchange value
 - Develop data tracking techniques such as digital object identifiers
 - Devote resources toward implementation of solutions that fill gaps
 - “Nothing in subdivision (a) shall prevent a state agency from disseminating, managing, or publishing data separately from the platform”
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White paper recommendations

Determine high priority recommendations to tackle

Provide data governance oversight

Developing a data federation strategy with a specific, time-bound roadmap. This effort must complement the work of the data standards implementation.

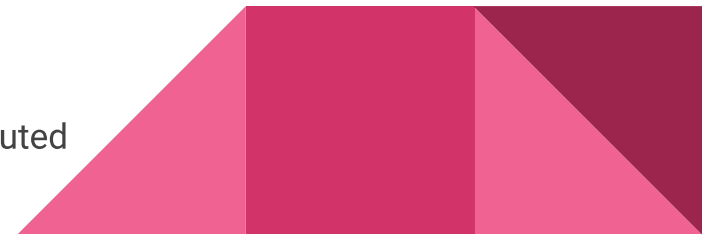
Develop a business case and adopt a funding strategy in service of a sustainable business model, optimizing cost-benefit for the public good.

Embrace data of differing quality, resolution, and sources, provided that these attributes are documented according to standards.

The State should devise a strategy for cultivating a common set of visualization tools

Adopt open-source software experimentally where appropriate.

Investigate opportunities for supercomputer, cloud computing, and massive distributed computing projects.



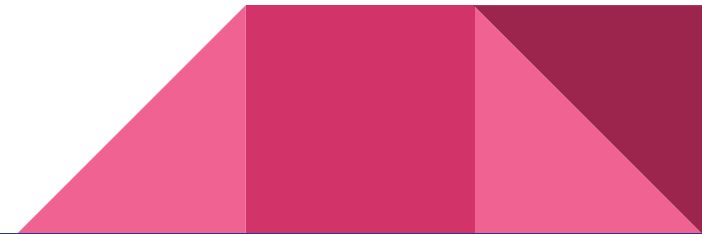
Next Steps

Review/Revise materials

Review/Revise charter

Draft implementation plan outline

Develop an MOU / Data-Sharing Agreements to share key “secure” datasets among agencies



Timeline

- Meet every other month? Quarterly?
- Scheduling a meeting
- Anticipated progress

