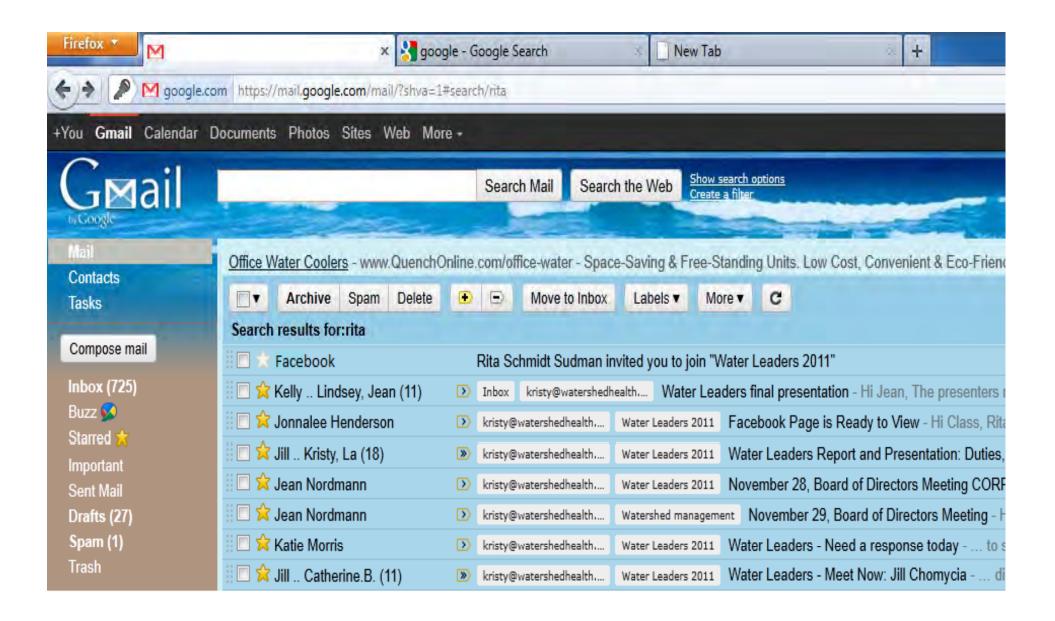
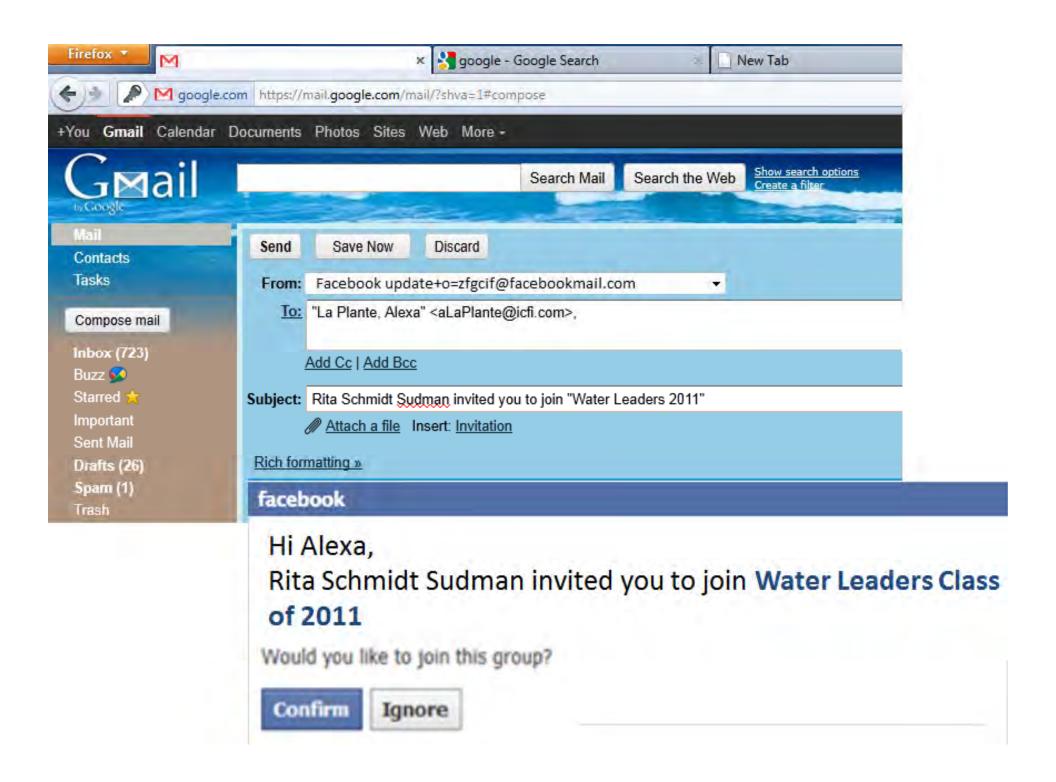


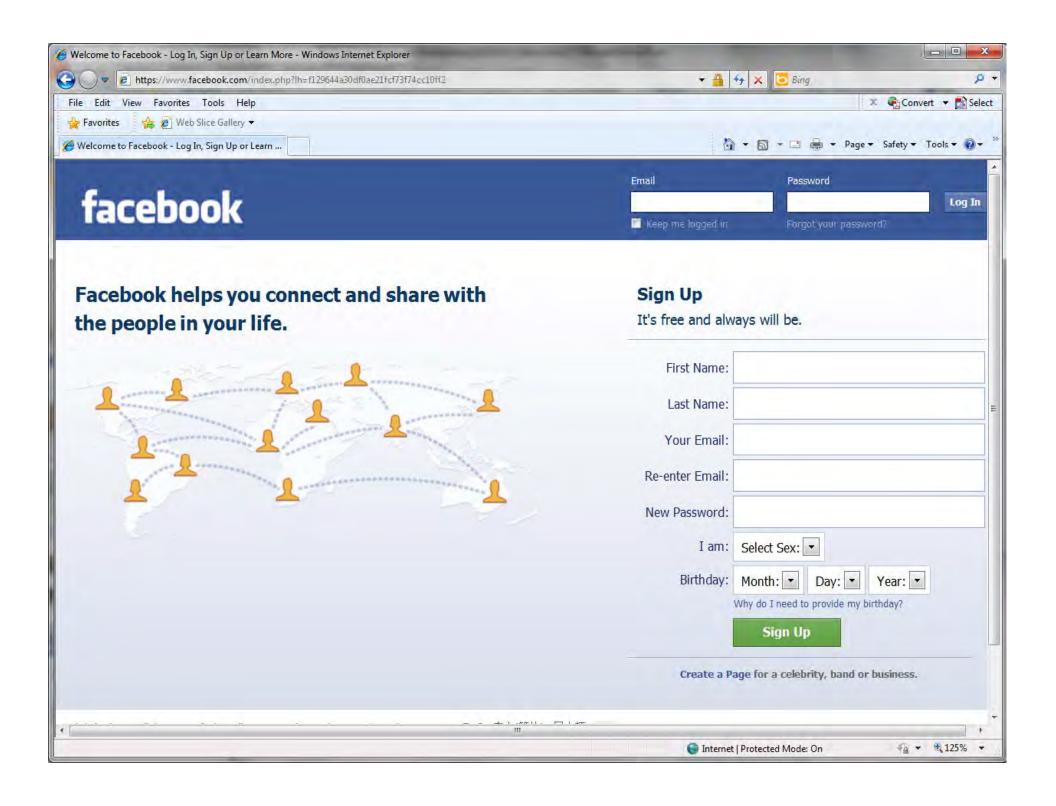
The Delta Plan and Regional Water Self-Reliance

Water Education Foundation Board of Directors Meeting Anaheim, California

November 28, 2011











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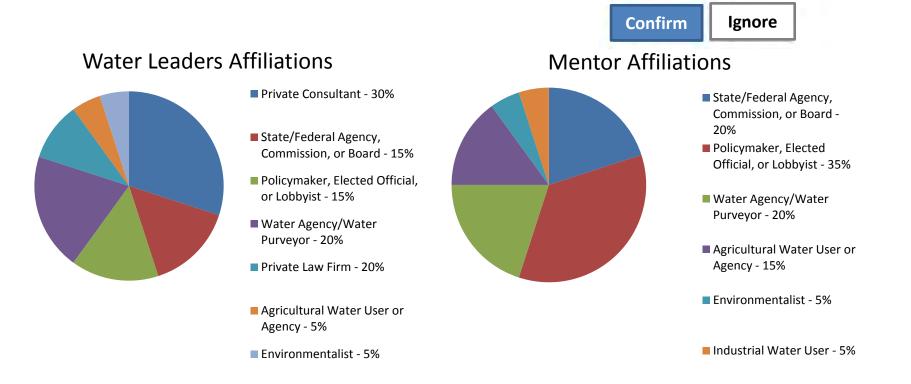
2011 Water Leaders Class



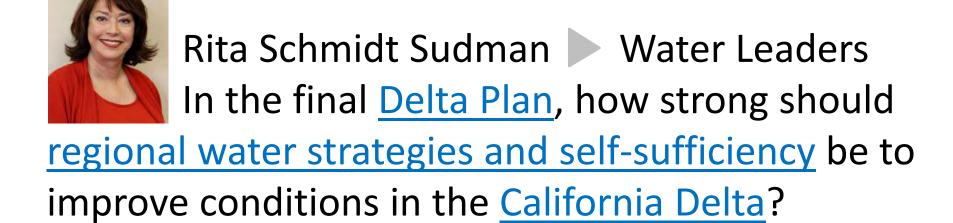
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The William R. Gianelli Water Leaders Class is a one-year program that identifies young community leaders from diverse backgrounds and educates them about water issues. Leading stakeholders and top policymakers serve as mentors to class members.

Would you like to join this group?









The Delta Stewardship Council was created in legislation to achieve the state mandated coequal goals for the Delta. "Coequal goals' means the two goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem. The coequal goals shall be achieved in a manner that protects and enhances the unique cultural, recreational, natural resource, and agricultural values of the Delta as an evolving place." (CA Water Code §85054)

5th Draft Delta Plan – Regional Self-Reliance

1 Policy:

 Defines when a covered action to export water from, transfer water through, or use of water in the Delta can be *inconsistent* with the Delta Plan



The Delta Stewardship Council was created in legislation to achieve the state mandated coequal goals for the Delta. "Coequal goals' means the two goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem. The coequal goals shall be achieved in a manner that protects and enhances the unique cultural, recreational, natural resource, and agricultural values of the Delta as an evolving place." (CA Water Code §85054)

5th Draft Delta Plan – Regional Self-Reliance

5 Recommendations:

- 1. Develop Guidelines for "Water Reliability Element"
- Track water supply reliability performance measures and assess improvements in regional self-reliance
- Revise state loan and grant funding criteria
- 4. Incorporate water efficiency measures into state facilities
- 5. Evaluate and secure all feasible alternative supplies



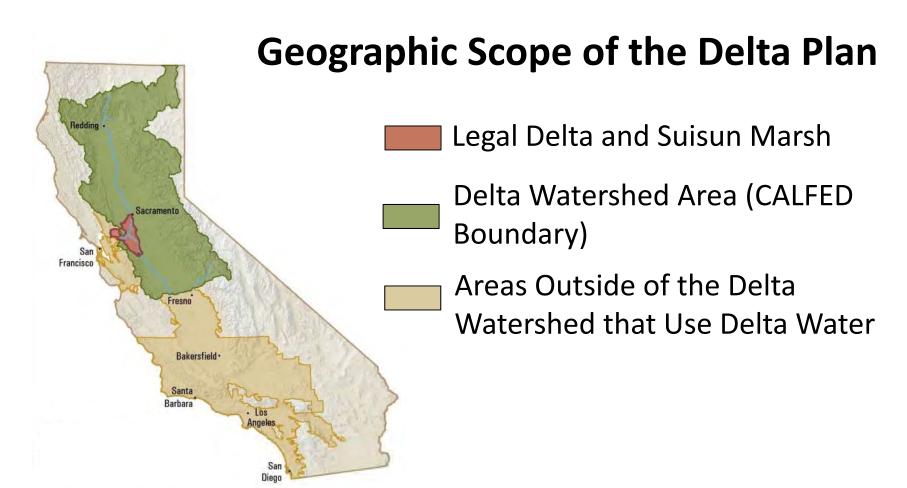


Rita Schmidt Sudman Water Leaders In the final Delta Plan, how strong should regional water strategies and self-sufficiency be to improve conditions in the California Delta?



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What is the role of the Delta Plan in relation to IRWMPs and the authority of state agencies?

- Mentors were nearly unanimous that the Delta Plan is a guiding document
- The role of the Delta Stewardship Council is to coordinate the diverse programs already occurring and provide a tool to ensure consistency with the covered actions

Existing State Regulations / Policies

State Legislation

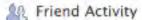
Local / Regional Projects and Programs

Delta Plan Implementation of projects meeting goals of Delta Plan providing benefits to Delta water users and implementing mitigation to address any potential impacts

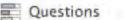












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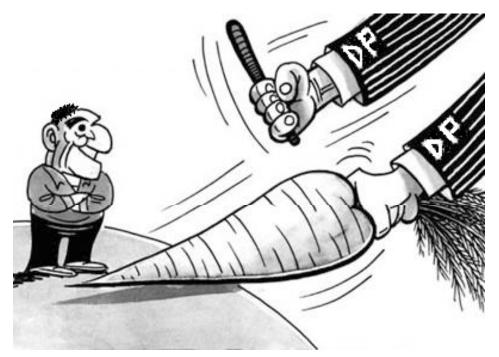




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Tripp Mizell posted a picture: Balance of Regulation & Incentive in Delta Plan



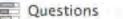












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Water Leaders ▶ **Mentors**

What criteria should we use to select regional supply projects?



Water Leaders added 2 new pictures to the album Groundwater



Jonnalee Henderson sent a poll:

What **strategies** will help regions achieve self-sufficiency?



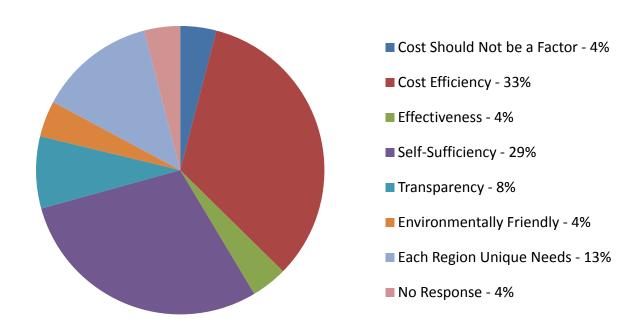


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Water Leaders Mentors

What criteria should we use to select regional supply projects?

Mentors Water Leaders:



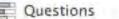












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Water Leaders ▶ **Mentors**

What criteria should we use to select regional supply projects?

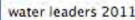


Water Leaders added 2 new pictures to the album Groundwater



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What **strategies** will help regions achieve self-sufficiency?





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Water Leaders added 2 new pictures to the album Groundwater:





Water Leaders: Do you think the Delta Plan should address groundwater? How?

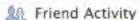
Newsha Ajami Yes, it should encourage sustainable management and recharge; create incentives!

Magill Weber No, it's way too complicated. Let the regions deal with groundwater. They know what's best.

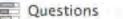












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Water Leaders ▶ **Mentors**

What criteria should we use to select regional supply projects?



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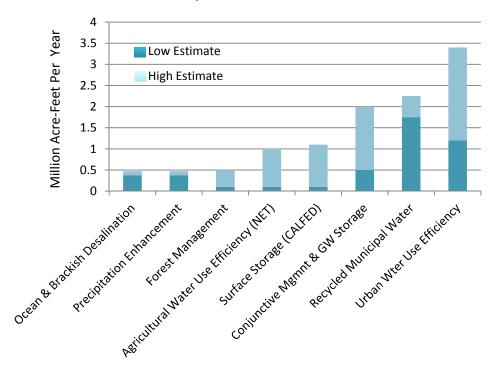
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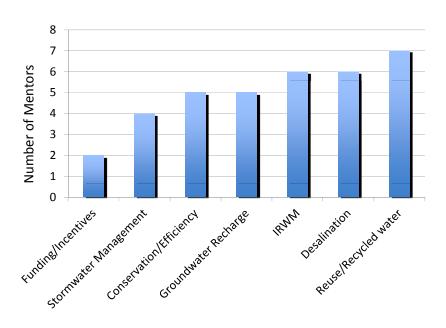
Jonnalee Henderson sent a poll:

What strategies will help regions achieve self-sufficiency?

Delta Plan Says:



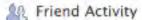
Mentors Say:



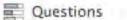












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Eric Grubb and 1,024 Others Like Regional Self-Sufficiency



Water Education Foundation shared a link.

Cost-benefit Analysis of Delta Plan



Contra Costa Water District



Search

About 30,100 results (0.42 seconds)

Los Vaqueros Reservoir expansion called future of water storage ... www.contracostatimes.com/my-town/ci 18018249

May 7, 2011 – The project, financed by the Contra Costa Water District's 550000 customers ... localities and regions to become more self-sufficient, Brown said. ... He and other environmental advocates, for example, have been strongly ...

Contra Costa County Water District Los Vaqueros Reservoir Expansion

- Flexibility built into original design
- Stakeholder involvement
- Customer pays





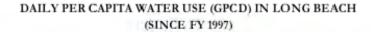
City of Long Beach Conservation

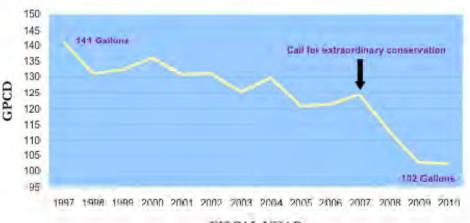
Q.



City of Long Beach Conservation

- Multiple strategies to achieve goal
- ~34% of potable water demand met through conservation
- Per capita water consumption declined by 28% in 1997-2010





FISCAL YEAR



Orange County Water District



Search

About 30,100 results (0.42 seconds)

[PDF] California Water Today

www.ppic.org/content/pubs/report/R_211EHChapter2R.pdf

File Format: PDF/Adobe Acrobat - Quick View

Regional average annual water availability, storage, and use, 1998–2005 (maf). Hydrologic region For example, a major means of manag- ing soil and i california Water. County's Groundwater Replenishment System, a partnership between the. Orange County Water District and the Orange County Sanitation District, ...

Orange County Water District Groundwater Replenishment System

- Up to 70 million gallons of high-quality water produced <u>daily</u>
- ~35 million gallons pumped into injection wells to create a seawater intrusion barrier.
- ~35 million gallons pumped to OCWD's percolation basins to recharge the groundwater





Santa Ana IRWMP

Q.

Search	About 588 results (0.61 seconds)
Everything	[PDF] Integrated Regional Water Management: Working Together for
	www.watereducation.org/userfiles/IRWM-agenda.pdf 🕣
Images	File Format: PDF/Adobe Acrobat - Quick View
Maps	How has IRWM been a new direction for water management in California compared to
	'business as usual'? Celeste Cantu, General Manager, Santa Ana Watershed Project
Vidoos	Authority Regional Self-Sufficiency Met Through Inter-Regional

One Water One Watershed IRWMP

Addresses:

- Climate change
- Drought in the Colorado River basin
- Reduced water supply from the Delta
- Population growth and development

OWOW Targets:

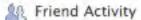
- Recycle and reuse 100% of wastewater
- Store water to account for ½ of demand for 3yrs
- Reuse all of Santa Ana River flow at least once
- Reduce potable water use by 20% by 2020
- Capture and recharge 80% of rainfall



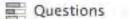












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2011 Water Leaders Class - Everyone (Most Recent)



Catherine Bowie and 1,032 Others Like Regional Self-Sufficiency



Water Education Foundation shared a link.

Cost-benefit Analysis of Delta Plan





Rita Schmidt Sudman Water Leaders
In the final <u>Delta Plan</u>, how strong should

<u>regional water strategies and self-sufficiency</u> be to improve conditions in the <u>California Delta</u>?

- 1. What is the purpose of the Delta Plan and what will be the key outcomes?
- 2. What is the role of the Delta Plan in relation to IRWMPs & state agencies?
- 3. How strong should regional water strategies and self-sufficiency be to improve conditions in the Delta?







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85%

As it relates to IRWMPs or local and regional authorities, the Delta Plan should be a guiding (not regulatory)

document

60%

The primary role of the Delta Plan is to provide vision and strategy on a local, regional, and state-wide level





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Implementation of Regional Self-sufficiency

- Delta Plan Appendix with self-sufficiency strategies
- Support at the regional level with funding and problem solving
- Regulatory consistency with policies and recommendations





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THANK YOU

To the Water Education Foundation Staff, Board, & Donors

&

All of our **Mentors**



2011 Water Leaders