

Inter-basin Coordination Efforts | Northern Sacramento Valley

Antelope | Bowman | Butte | Colusa | Corning | Los Molinos | Red Bluff | Sutter | Vina | Wyandotte Creek | Yolo

Presentation by Mariana Rivera-Torres

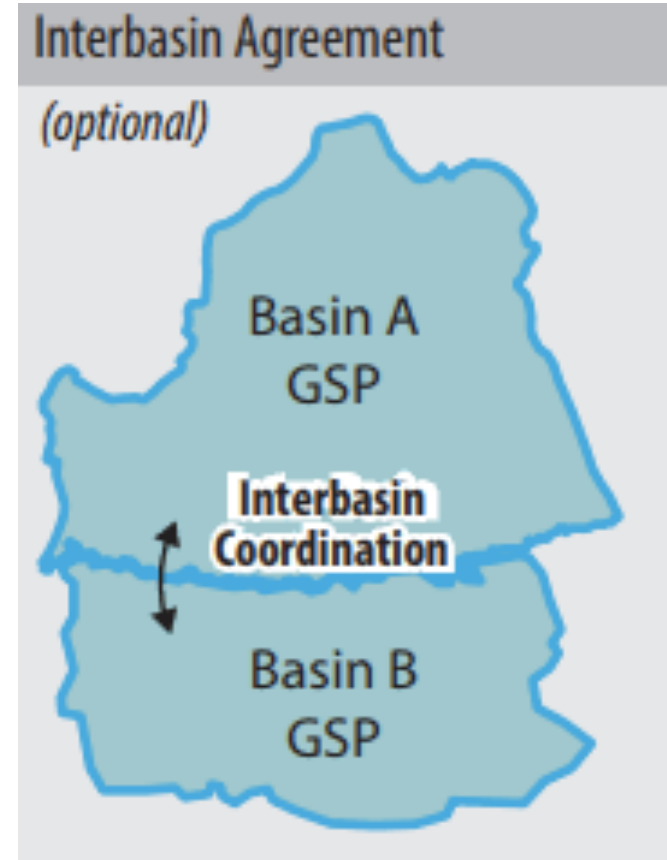
mrivertorres@cbi.org

2/10/2021

Inter-Basin Coordination

Why is it important?

- 💧 Many groundwater subbasins are **hydrologically connected** in the Northern Sacramento Valley.
- 💧 Water management decisions in one basin (e.g. groundwater pumping) and processes such as climate change could change aquifer conditions and affect flows to other basins.
- 💧 Understanding and accounting for these processes (e.g. cross-boundary flows) in the development of GSPs will be key to successfully implementing the Sustainable Groundwater Management Act (SGMA).



Inter-basin Coordination Efforts

Subbasins Participating

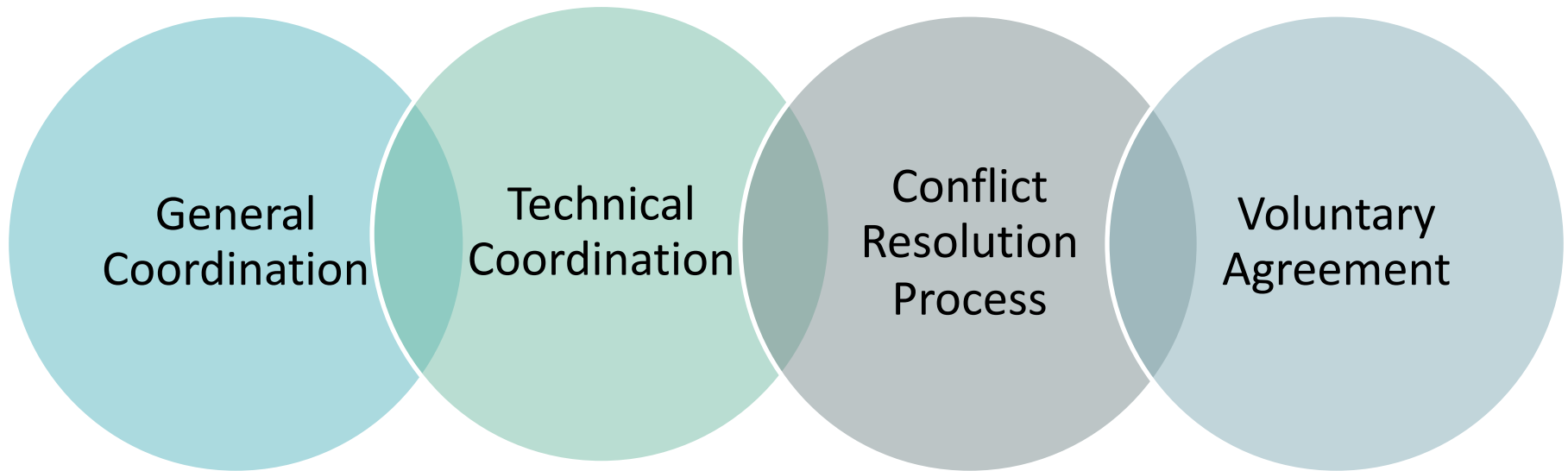


Subbasin	GSA(s)	Website
Antelope	Tehama County Flood Control and Water Conservation District (FCWCD)	Website
Bowman	Tehama County FCWCD	Website
Butte	Biggs West Gridley WD, Butte County, Butte WD, City of Biggs, City of Gridley, Colusa Groundwater Authority, Glenn County, RD 1004, RD 2106, Richvale ID, Western Canal WD	Website
Los Molinos	Tehama County FCWCD	Website
Red Bluff	Tehama County FCWCD	Website
Corning	Corning Sub-basin GSA, Tehama County FCWCD	Website
Colusa	Glenn Groundwater Authority; Colusa Groundwater Authority	Websites (Glenn) (Colusa)
Sutter	Butte WD, City of Live Oak, Sutter Community Service District, Sutter County, Sutter Extension Water District, RD 70, RD 1660, RD 1500, Yuba City	Website
Vina	Rock Creek Reclamation District, Vina GSA	Websites (Vina) (RCDC)
Wyandotte Creek	Wyandotte Creek GSA	Website
Yolo	Yolo Subbasin Groundwater Agency	Website

While efforts have mainly focused on the subbasins identified above, we will also be coordinating, as warranted, with other subbasins to the north and south (Anderson, Bend North Yuba, and S. Battle Creek).

Coordination Priorities & Tools

§ 357.2. Interbasin Agreements Regulations Requirements



Focus:

- Inter-basin Coordination Directory
- Outreach Materials

Focus:

- Compiling information in a consistent way
- Accurate basis of comparison

Focus:

- Outlining road map & process for identifying and resolving issues

Focus:

- Review submitted Groundwater Sustainability Plans for examples of existing Agreements



Copyright: 12/3/2020

Reference: Sections 10727.2, 10733, and 10733.2, Water Code. 4

Timeline & Priorities



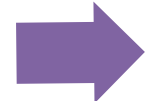
Summer 2020

- Share priorities and desired outcomes for inter-basin coordination (i.e. focus on cross-boundary flows, stream-aquifer interactions, water budgets).
- Create information-sharing resources (directory, template, etc.)



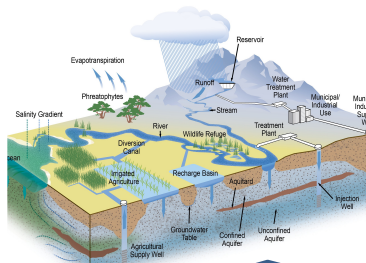
Fall/Winter 2020

- Technical coordination: begin compiling information on models and water budgets.
- Discuss public outreach and communication strategies.

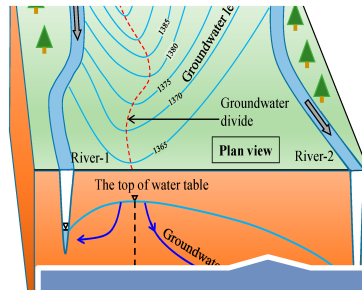


Spring / Summer 2021

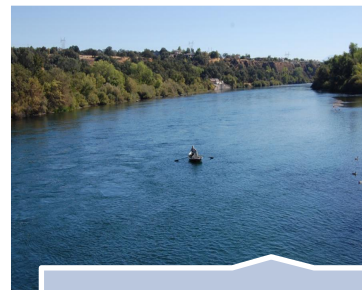
- Coordinate on GSP topics
- Develop framework for continued coordination, information sharing, and conflict resolution
- Make recommendation on decision regarding voluntary agreement(s)



Modeling



Cross-boundary flows



Stream-aquifer interactions at boundaries



Sustainable Management Criteria & Monitoring Networks



Recent Updates



- Staff representatives from Antelope, Bowman, Butte, Colusa, Corning, Los Molinos, Red Bluff, Sutter, Vina, Wyandotte Creek, and Yolo subbasins met with the goals of reflecting on shared learnings from efforts so far and priorities moving forward.
- Participants provided updates on their GSP development status and shared key takeaways from adjacent subbasin technical meetings.
- Meeting summary is currently under review and will be posted to the website very soon.



CBI

CATALYZING COLLABORATION

Next Steps

Opportunities for Public Input

- Staff and consultants will continue to share technical information that contribute to a shared regional understanding of basin conditions.
- Efforts will shift towards establishing a framework for continued inter-basin coordination and dialogue throughout GSP implementation.
- Subbasin representatives will provide regular inter-basin coordination updates at their respective public venues and gather public input related to the direction of current efforts and desired priorities for inter-basin coordination during GSP development and beyond.

Food for thought...



- We are considering convening a public dialogue to gather input about desired priorities, shared concerns, and possible ideas for inter-basin coordination during GSP implementation.
- We would like to hear from you on
 - What are the most important questions you have related to inter-basin coordination?
 - What do you think would be most valuable and important to discuss?

Learn More & Get Involved



Receive Updates

Sign up for your GSA's interested parties list.



Contact Your GSA

Talk to your GSA representative



Attend Meetings

Attend public workshops, Advisory Board, and GSA Board meetings



Find more information about regional inter-basin coordination at:

[ButteCounty.net/waterresourceconservation/Sustainable-Groundwater-Management-Act/Inter-basin-Coordination](https://www.buttecounty.net/waterresourceconservation/Sustainable-Groundwater-Management-Act/Inter-basin-Coordination)

Questions?



Dr. Christina Buck

CBuck@buttecounty.net

Butte County Water Resources Conservation

Mariana Rivera-Torres

mrivertorres@cbi.org

Consensus Building Institute



About CBI

CBI is a nonprofit organization with decades of experience helping leaders collaborate to solve complex problems.

Our staff are experts in facilitation, mediation, capacity building, citizen engagement, and organizational strategy and development. We are committed to using our skills to build collaboration on today's most significant social, environmental, and economic challenges. We work within and across organizations, sectors, and stakeholder groups.

FOR MORE INFORMATION: [CBI.ORG](https://www.cbi.org)

100 CambridgePark Drive, Suite 302
Cambridge, MA 02140
Tel (617) 492-1414

CAMBRIDGE, MA

WASHINGTON, DC

NEW YORK, NY

SAN FRANCISCO, CA

DENVER, CO

SANTIAGO, CHILE

MONTRÉAL, CANADA