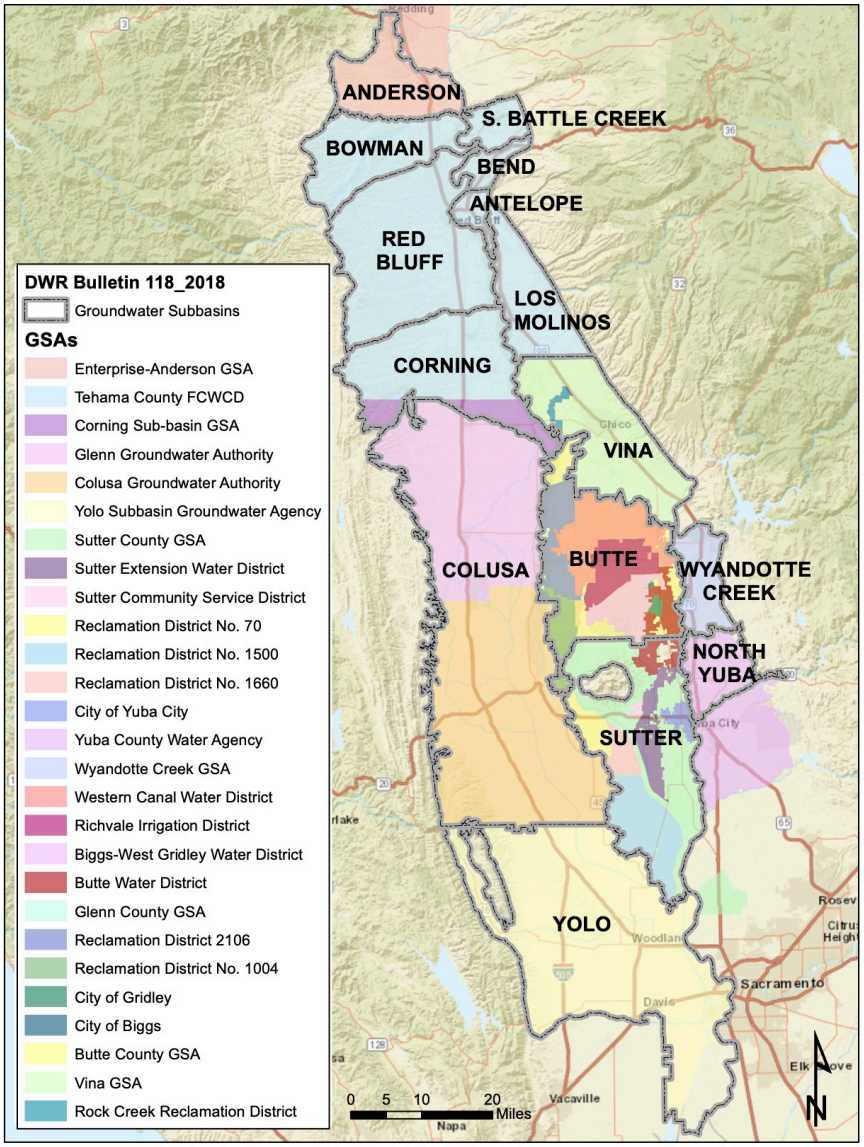


Inter-basin Coordination Efforts |

Northern Sacramento Valley

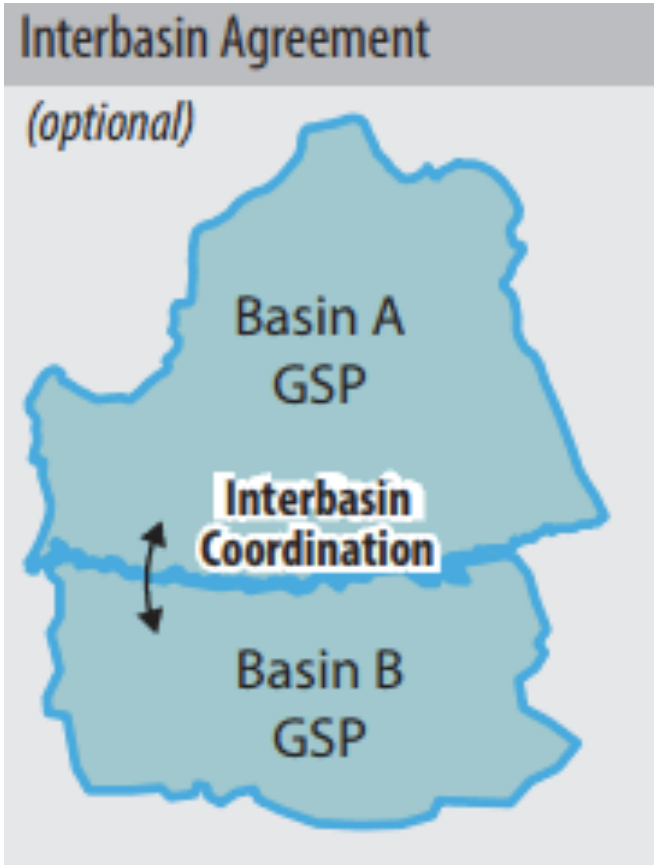
Antelope | Bowman | Butte | Colusa | Corning | Los Molinos| Red Bluff | Vina | Wyandotte Creek Subbasins

Presentation by Mariana Rivera-Torres
10/20/2020

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).



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Inter-basin Coordination Efforts

Northern Sacramento Valley

Subbasin	Priority	GSA(s)	Website
Bowman	Very Low	Tehama County Flood Control and Water Conservation District (FCWCD)	Website
Antelope	High	Tehama County FCWCD	Website
Los Molinos	Medium	Tehama County FCWCD	Website
Red Bluff	Medium	Tehama County FCWCD	Website
Corning	High	Tehama County FCWCD; Corning Sub-basin GSA	Website
Colusa	High	Glenn Groundwater Authority; Colusa Groundwater Authority	Websites (Glenn) | (Colusa)
Vina	High	Vina GSA; Rock Creek Reclamation District	Website
Butte	Medium	Butte County, Richvale ID, Western Canal WD, Butte WD, Biggs West Gridley WD, City of Biggs, City of Gridley, RD 1004, RD 2106, Glenn County, Colusa Groundwater Authority	Website
Wyandotte Creek	Medium	Wyandotte Creek GSA	Website

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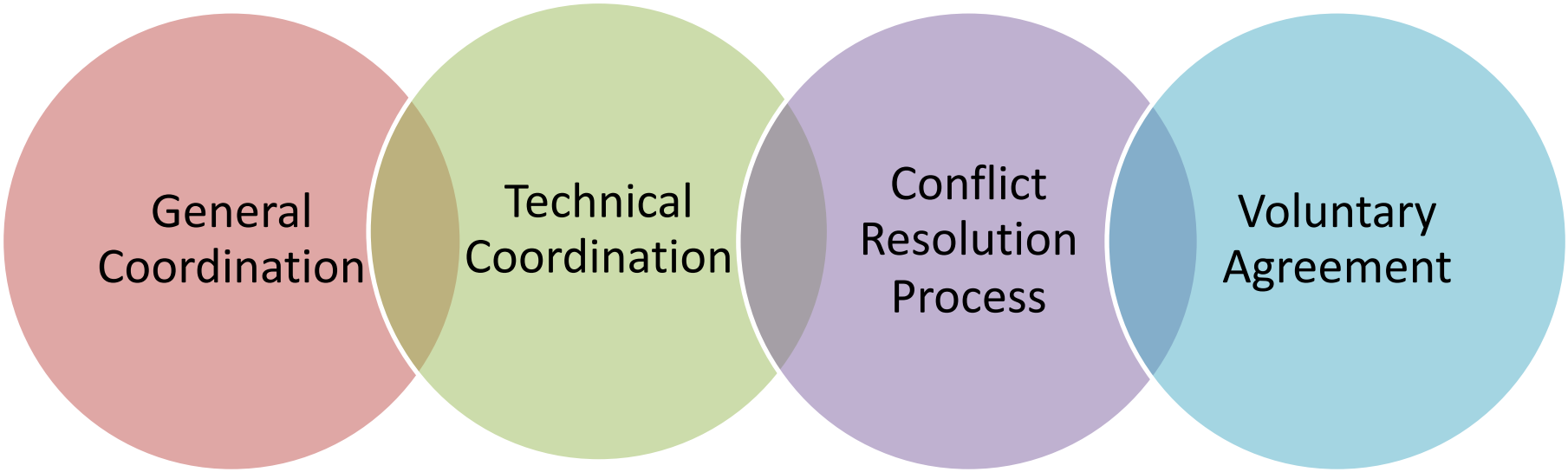
While efforts have mainly focused on the subbasins identified above, we will also be coordinating, as warranted, with other subbasins to the north and south (Anderson, North Yuba, Sutter, and Yolo).

Coordination Priorities & Tools

§ 357.2. Interbasin Agreements Regulations Requirements



- Inter-basin Coordination Directory
- Outreach Materials

Technical Information-Sharing Template

Issue Framing Document

Research: Reviewed Groundwater Sustainability Plans submitted to find examples

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Next Steps

More information coming in December.

Summer 2020

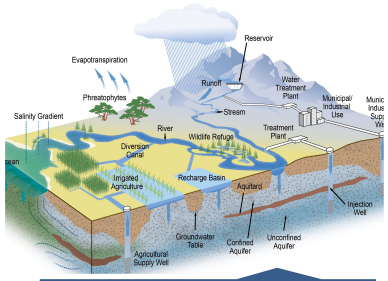
- Share priorities and desired outcomes for inter-basin coordination (i.e. focus on cross-boundary flows, stream-aquifer interactions, water budgets).
- Create info-sharing resources (directory, template, topic framing, etc.)

Fall/Winter 2020

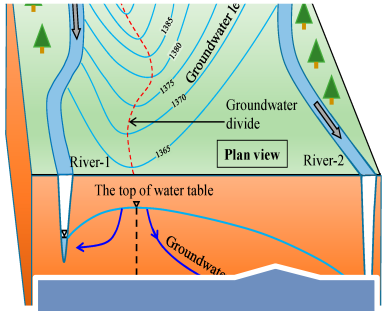
- Technical coordination: compile information on models and water budgets
- Process for identifying differences and resolving conflicts

Spring / Summer 2021

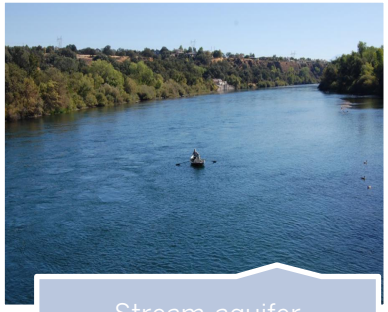
- Sustainable Management Criteria
- Projects & Management Actions
- Monitoring Networks
- Decision on voluntary agreement(s)



Modeling



Cross-boundary flows



Stream-aquifer interactions at boundaries

Sustainable Management Criteria & Monitoring Networks

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Next Steps

Opportunities for Public Input

- CBI will compile the information provided by the consulting teams late-November (Phase 1- Modeling, Cross-Boundary Flows, and Stream Aquifer interactions).
- Staff and consultants will meet early December to review compiled data, identify any significant differences, and discuss potential ways to reconcile those differences, if warranted.
- This information will be presented during the Vina SHAC meeting on **December 15th**. The SHAC will have the opportunity to ask questions and provide input. We will also include inter-basin coordination updates on a regular basis going forward.

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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.

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