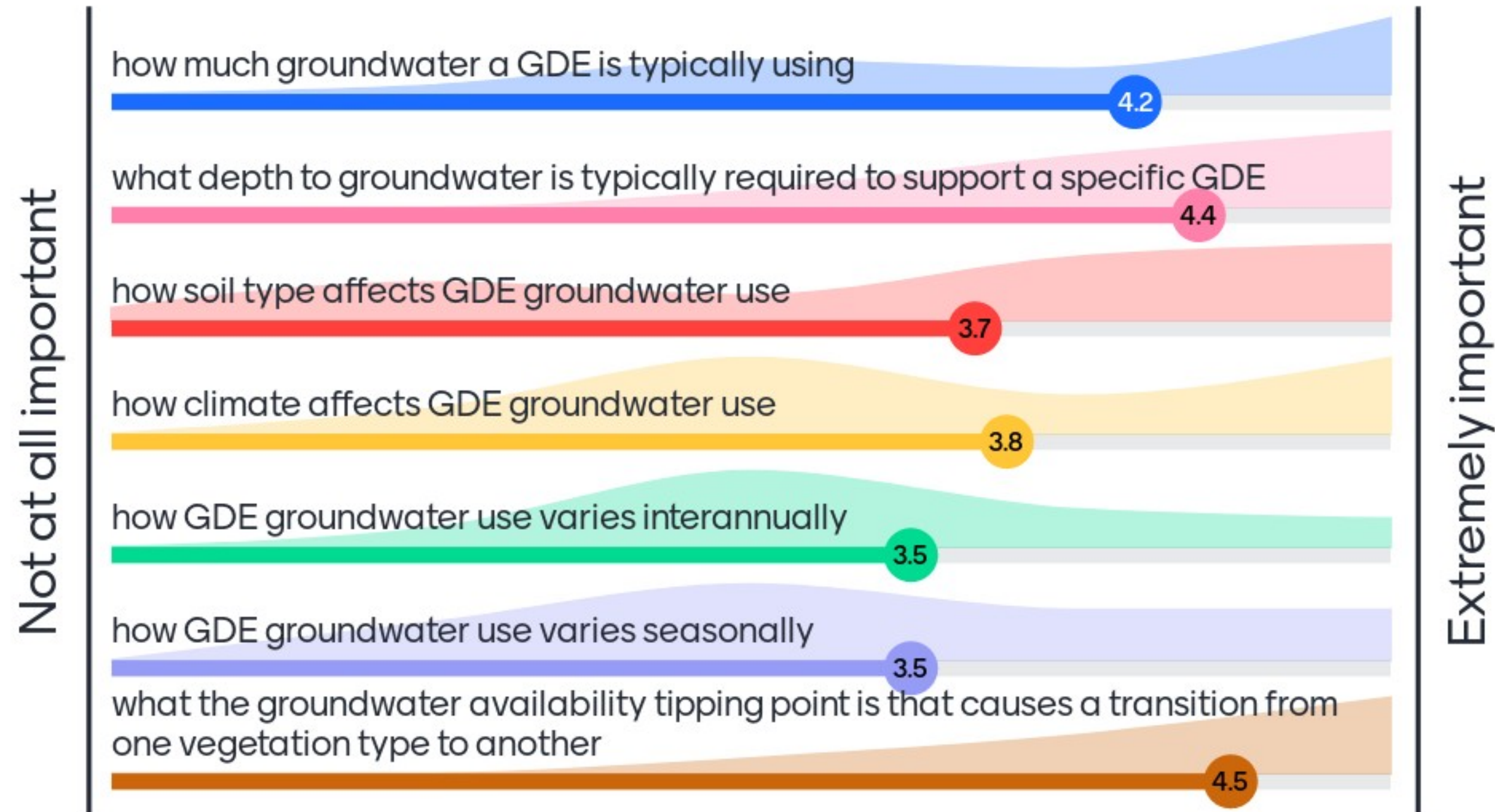


How important is it for you to understand...



What data would you like to get out of the tool?



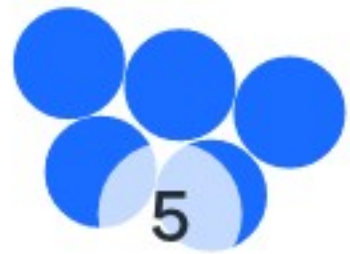
GDE groundwater use ranges (inches)



Preferred depth to groundwater for a GDE (feet)



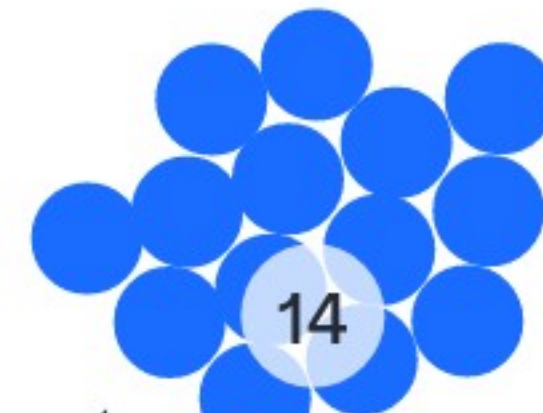
Seasonal GDE groundwater use preferences (inches)



Preferred GDE groundwater use in dry years (inches)

0

Preferred GDE groundwater use in wet years (inches)



GDE groundwater use ranges at a particular location (inches)

How would you like to use the framework tool?

To help determine EFLs

Any tool would ideally compliment the Springs Online database of springs locations, but give more detailed resolution on soils and climate

To look at water use requirements in specific locations

For SGMA and adjudications.

Narrowing restoration opportunities to those with the highest likelihood of success

Compare groundwater use to other estimates (ie recon reports) at a basin wide scale

Understand threats of new water uses to areas of expected GDEs

Better estimate groundwater requirements for areas or scenarios (water levels) of interest

How would you like to use the framework tool?

Seeing how ET changes with urban development and growth.

Better understand impacts of particular changes in observed water levels

Extracting maps and some data at specific areas in the state. Would be nice if there were download options, that could easily and nicely be added to a presentation or saved for documentation purposes

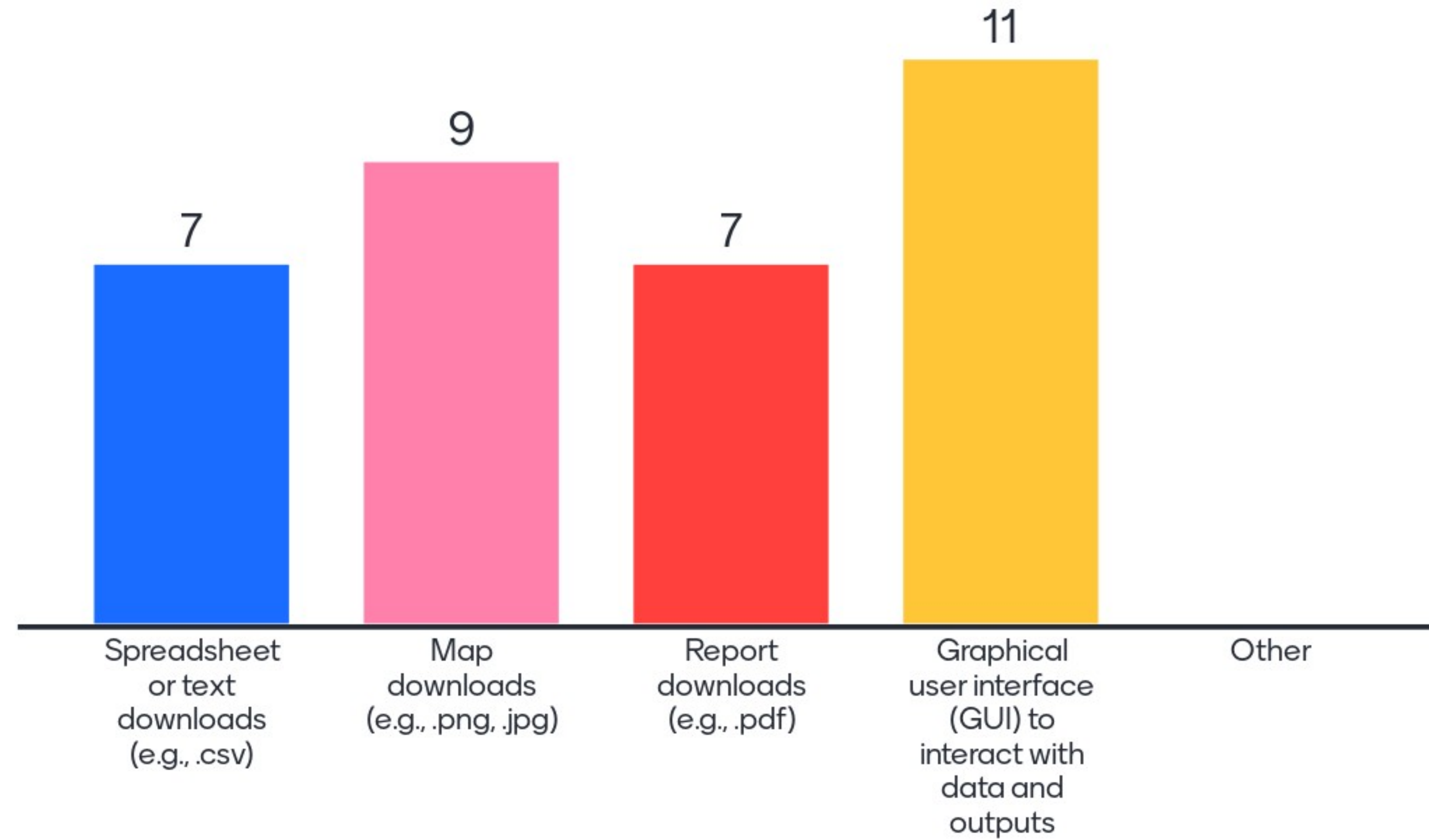
Quantify ecosystem resilience/ limits

To determine safe / sustainable water yield for groundwater water use.

Estimate ground water requirements for specific areas as it relates to the plant community.

How shallow groundwater influences agricultural ET

Preferences for framework outputs



How could this project support your work?

Inform impacts to GDEs from management actions

Would help partners figure out gw requirements as it relates to conservation and water rights

Inform selection of groundwater level thresholds or triggers for particular responses

It could provide potential conflict from GW Pumping.

Compare/verify ETg estimates Conceptualize water use for different plant types within a GDE

Identify GDE protection needs and opportunities

Environmental review - It would help quantify the potential effects of proposed groundwater uses

Planning restoration projects. Comparing to areas of high gw withdrawals and determine likelihood of success for restoration or where actions may be necessary.

How could this project support your work?

Possibly provide another tool that could be used to evaluate potential impacts to GDEs from groundwater pumping under specific scenarios.

We have a project where we're involved in groundwater adjudication for a basin. I think these will be up and coming in the future! More data on specific groundwater needs would help!

This tool would be useful to support projects focused on evaluating baseline conditions and potential impacts to GDE's related to climate variability and anthropogenic activities.

Potential way to (at least partially) validate remote sensing analyses of GDEs

The data would help protect GDE and ensure water is available after GDE needs are met prior to authorizing water development.

Adaptive management

Supports my work with tribes & Native producers & will assist me as a member of a Tribe & cultural committee as we work to protect & preserve our aboriginal lands and sacred places - Dixie Vallet Hot