

Fillmore and Piru Basins Groundwater Dependent Ecosystems

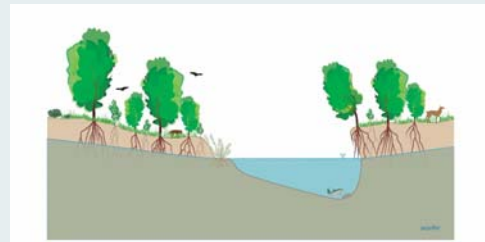
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Stillwater Sciences



Groundwater Dependent Ecosystems (GDEs)

DWR defines GDEs as ecological communities or species that depend on groundwater emerging from aquifers or on groundwater occurring near the ground surface.

Healthy Riparian Zone

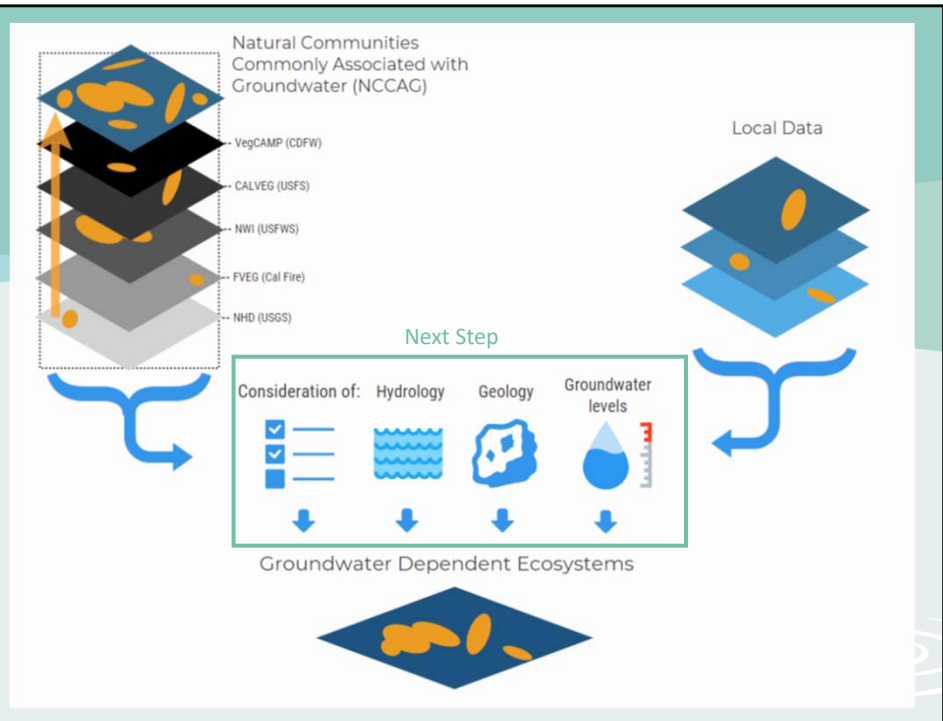


Braudrick et al., 2018 (figure by K. Rodriguez)

GDEs occur in a variety of different environments ranging from seeps and springs, to groundwater-dependent wetlands, to aquatic and riparian ecosystems associated with rivers that partially or entirely rely on groundwater.



Approach



Source Data

- High quality data(Stillwater Sciences 2016) along the Santa Clara River, data quality is lower (CalVeg) on the margins of the basin

