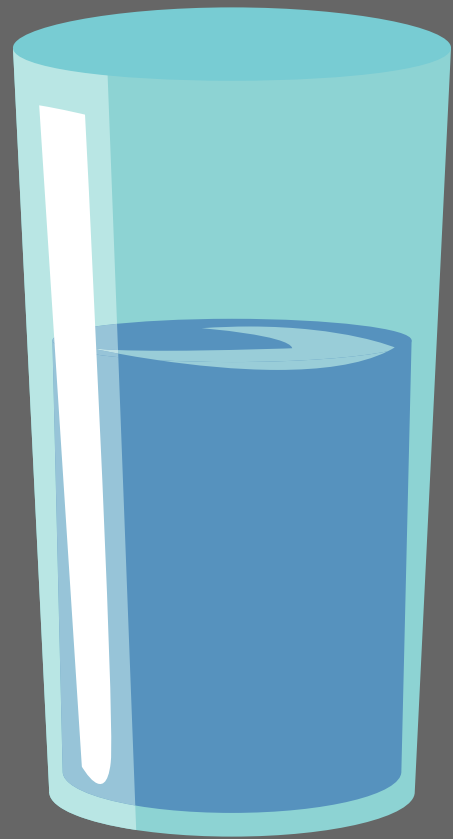
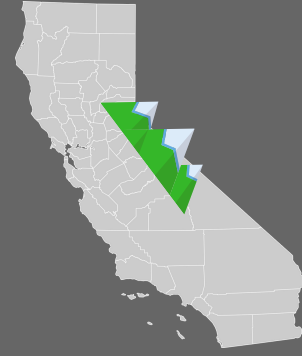


WHY MEADOWS MATTER

MEADOW: an area where shallow groundwater enables grass-like plants and wild flowers to flourish



60%



OF THE STATE'S WATER SUPPLY ORIGINATES IN THE SIERRA NEVADA

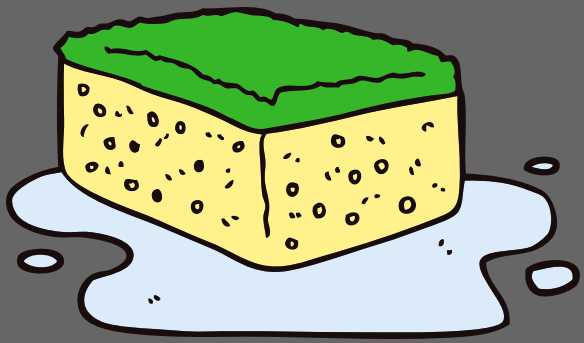


18,000+ MEADOWS
~ 280,000 ACRES

SIERRA NEVADA

50%

OF MEADOWS ARE UNHEALTHY AND IN NEED OF RESTORATION



HEALTHY MEADOWS ARE NATURAL SPONGES.

THEY SOAK UP SPRING SNOWMELT - STORED AS SHALLOW GROUNDWATER - AND SLOWLY RELEASE COLD WATER DURING DRY SUMMER MONTHS.

RESTORING 1 MEADOW ACRE

YIELDS 1 YEAR OF WATER

FOR AN AVERAGE FAMILY IN CA

MAIN CAUSES OF MEADOW DEGRADATION:



OVERGRAZING



LAND DEVELOPMENT

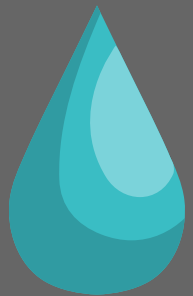


TIMBER HARVEST



CLIMATE CHANGE

BENEFITS OF HEALTHY MEADOWS



CLEAN & COLD WATER

- Clean water by filtering sediment & breaking down toxins.
- Allows clean water to flow into reservoirs, important fish tributaries, and crucial habitats.



FLOOD CONTROL

- Reduces the magnitude of floods.
- During high precipitation events, water loses momentum as it spreads out across meadow.



CRITICAL HABITAT

- Biological diversity hotspots and are home to essential habitat for many of California's endemic species, including inland native trout.



RECREATION & HEALTH

- Recreational activities such as walking, bird-watching, hunting and fishing
- Contributed to psychological, spiritual, and physical wellness.



CARBON SEQUESTRATION

- 1/3 of landscape's soil organic matter.
- Healthy meadows are net carbon sinks and unhealthy meadows are net carbon emitters.

CALIFORNIA TROUT



FISH · WATER · PEOPLE