

RISE Planning Committee



MICHELLE NOVI
Industry Relations and Regulatory
Affairs Director, Napa Valley
Vintners



DAN PETROSKI
Winemaker, Massican Winery and
Board Member, Napa Valley
Grapegrowers



MOLLY (SHEPPARD) BURROUGHS
Assistant Winemaker & Environmental
Manager at Spottswoode Estate
Vineyard & Winery



EVYN CAMERON
Consulting Winemaker



MARTIN REYES, MW
Partner, WineWise; Founder, Reyes Wine
Group and Co-Founder, Wine Unify



TOD MOSTERO
Director of Viticulture &
Winemaking at Dominus Estate

Napa Green Team



ANNA BRITTAIN
Executive Director



MEGAN SCOTT
Winery Program Manager



BEN MACKIE
Vineyard Program Manager



SIERRA MINCHACA
Climate & Soil Specialist



MARISA TAYLOR
Program Coordinator



MEGHAN VERGARA
Social Media Manager



BILL BENNETT
Winery Program Engineer



If not here,
WHERE?

If not now,
WHEN?

MARQUEE SPEAKER: MIMI CASTEEL, HOPE WELL WINE



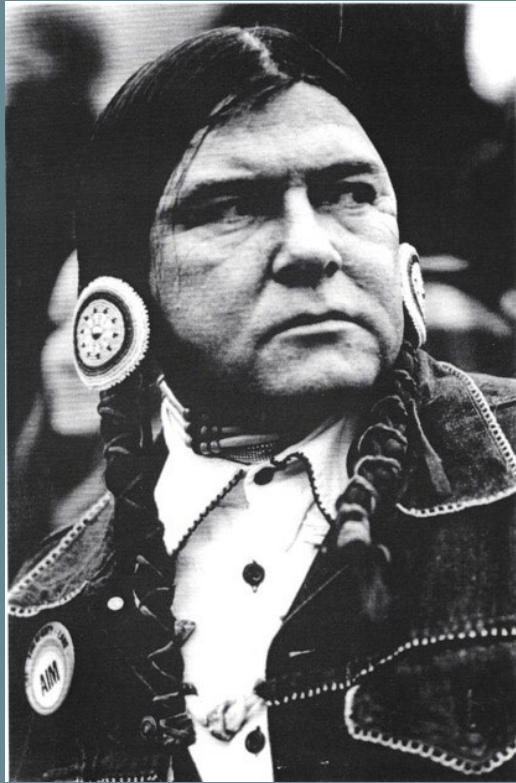
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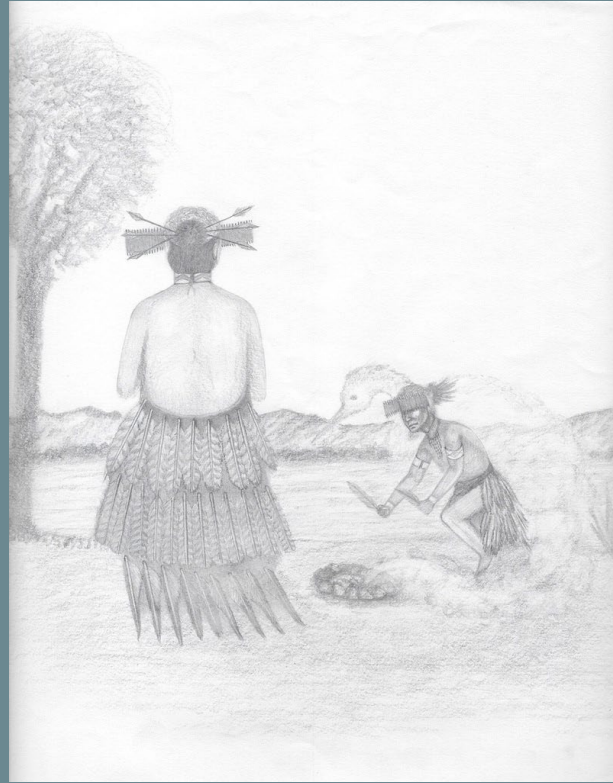
IMAGINARIUM: *V. NAPA RISE*



Hope Well



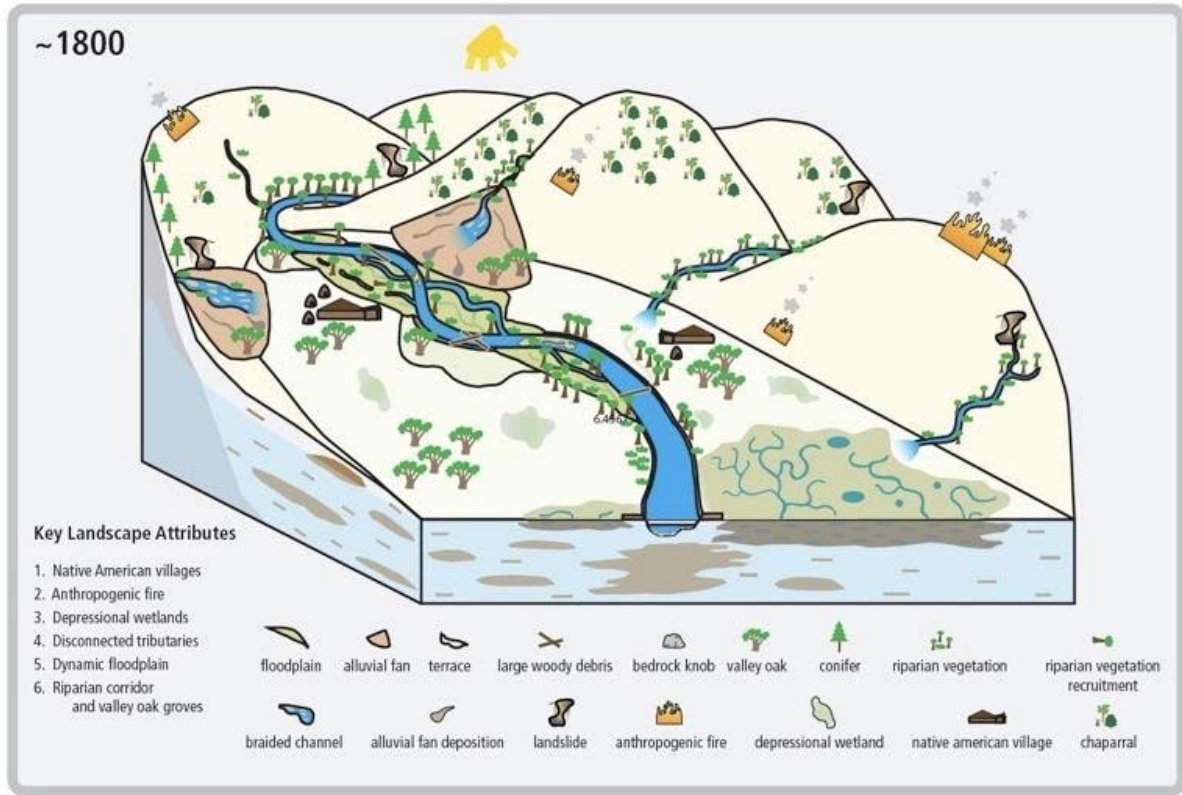
Jim Big Bear King Suscol Indian Council co-founder Veteran and Native American activist 1931-2007



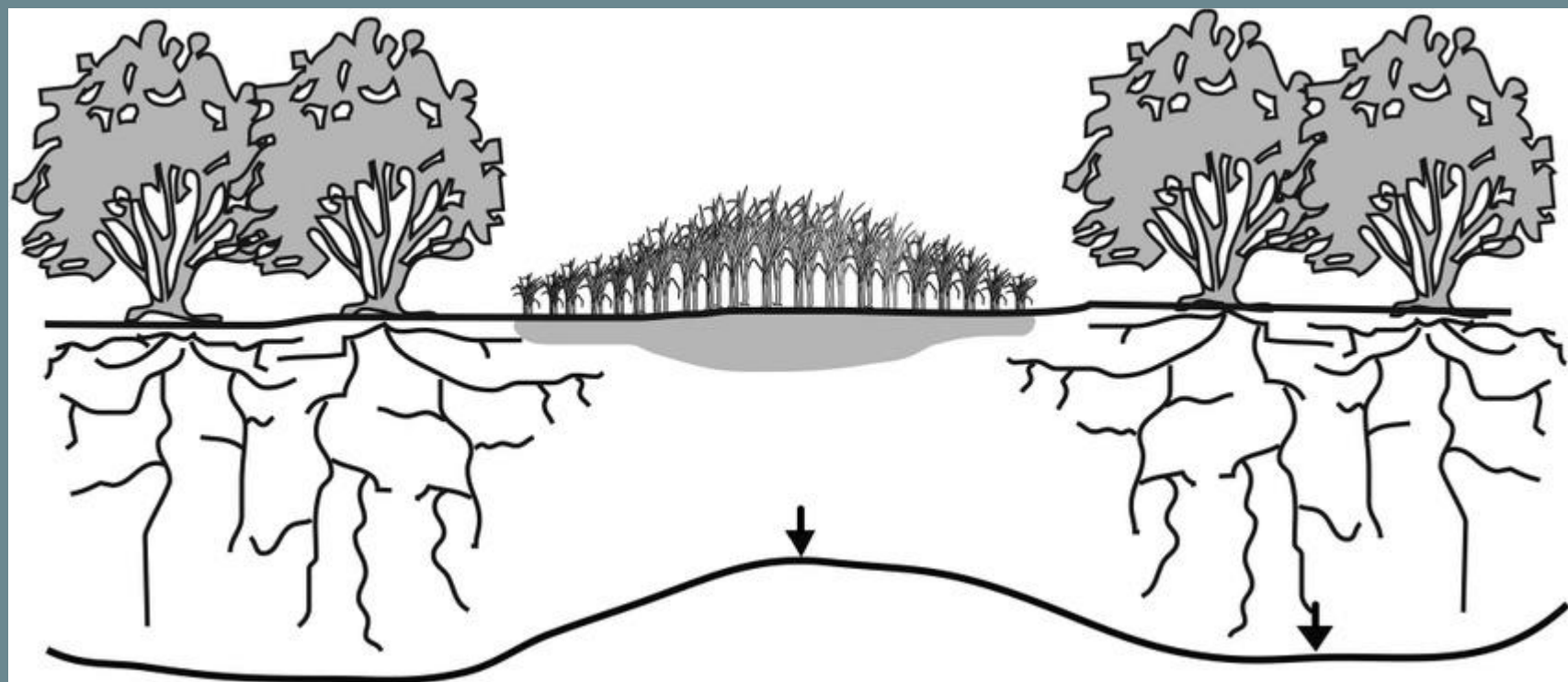
Credit: Suscol Intertribal Council



FIGURE 1. Pre-European settlement landscape features.



Credit: Napa River Watershed Profile, San Francisco Estuary Institute

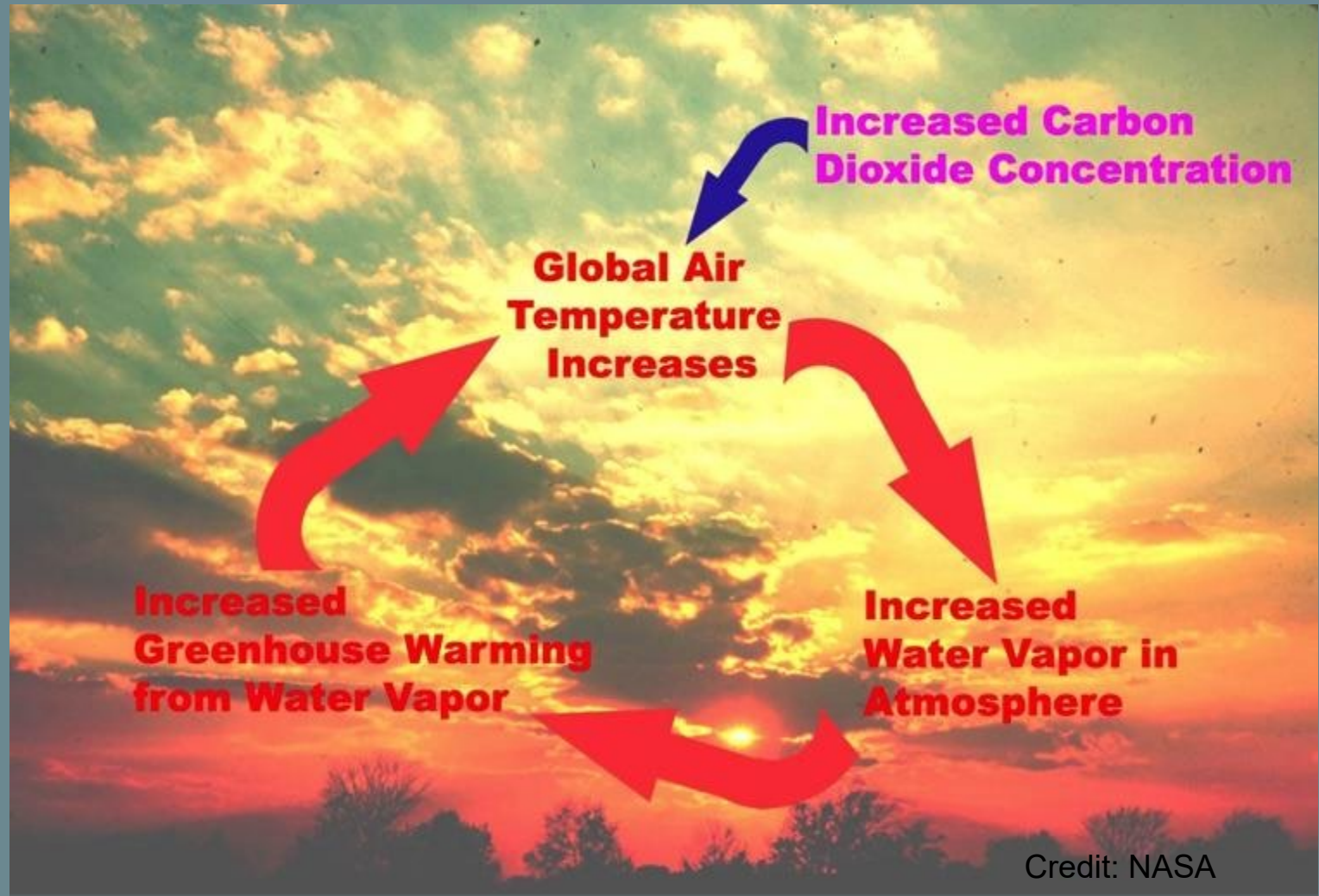




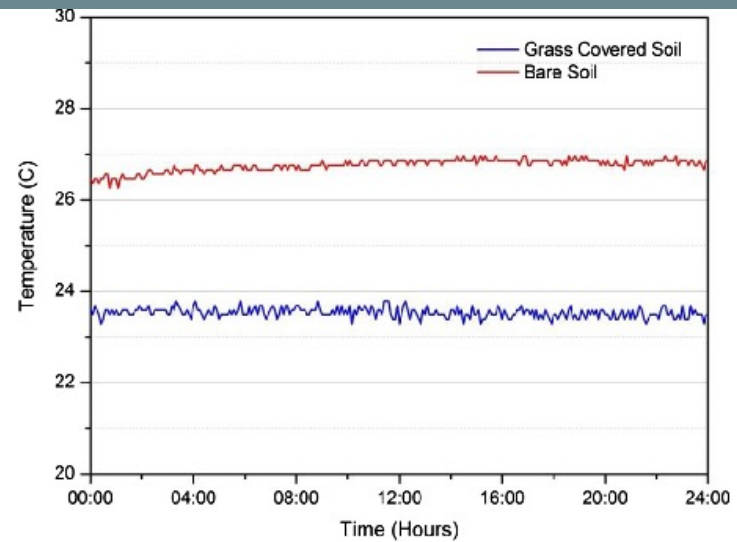
Credit: SF Chronicle

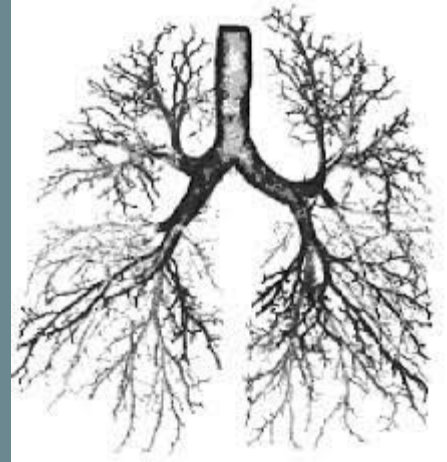


All other photos by Mimi Casteel,
who was not driving during the taking
of photos











A



B



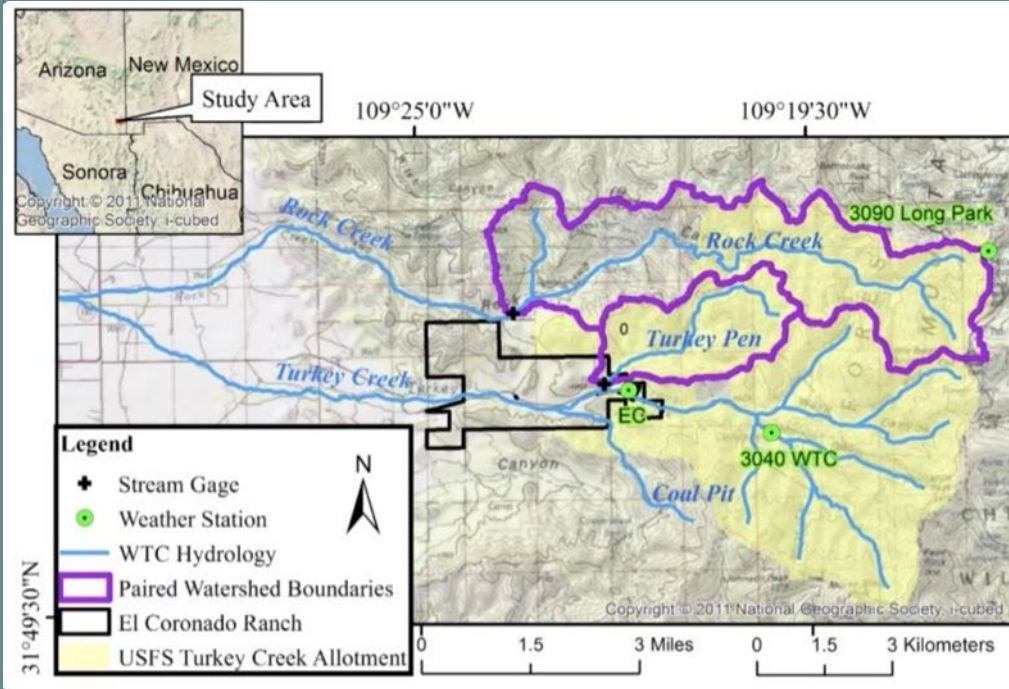
d.)



Water infrastructure installation



PAIRED WATERSHED STUDY



Credit: USGS

Turkey Creek



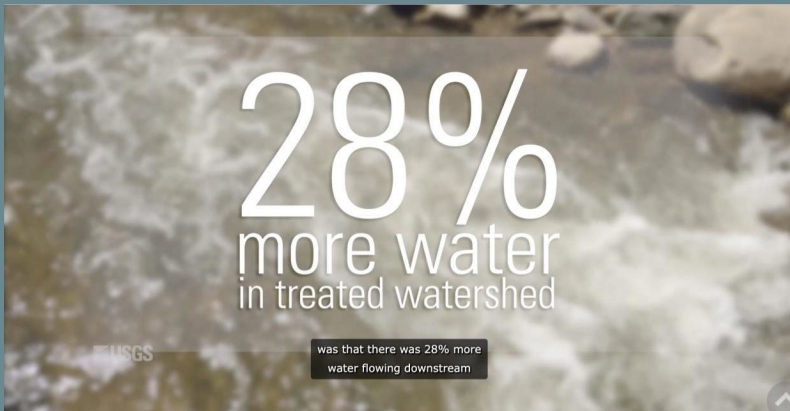
Rock Creek



These photos are from the same rain event in 2014

were used to develop stage
discharge relationships,





Credit: USGS

ARIDLANDS WATER HARVESTING STUDY

RIPARIAN DETENTION STRUCTURES CREATE SOIL-WATER SPONGES (LIKE WETLANDS!)

THIS REGENERATIVE RIPARIAN MANAGEMENT CREATES CLIMATE RESILIENCE!



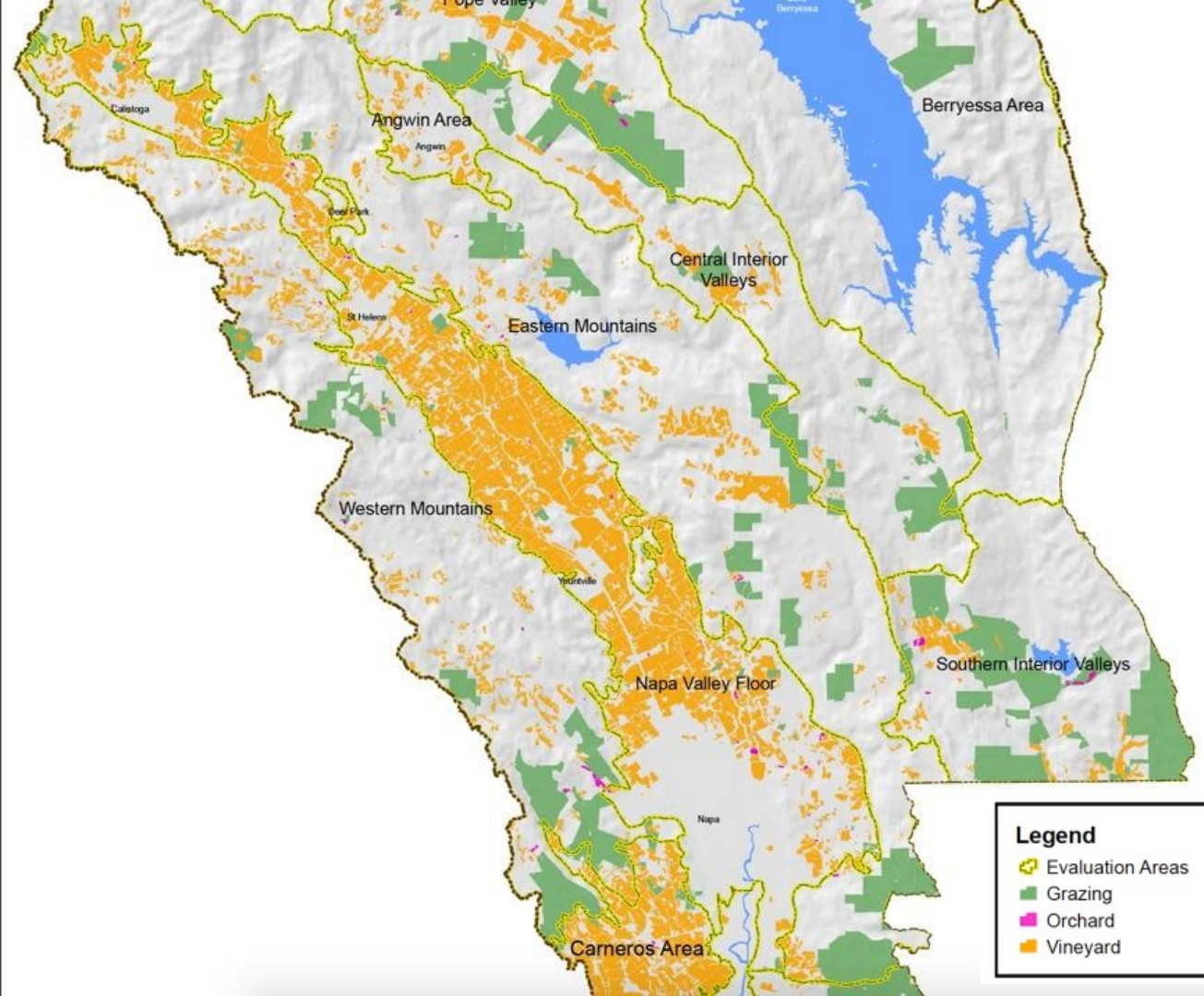
Illustrated by HEARTWOOD VISUALS

Natural Infrastructure in Dryland Streams (NIDS) are beaver and human-made structures of rock, wood, or mud.



Norman, L. M., Lal, R., Wohl, E., Fairfax, E., Gellis, A., & Pollock, M. M. (2022). Natural infrastructure in dryland streams (NIDS) can establish regenerative wetland sinks that reverse desertification and strengthen climate resilience. *Science of The Total Environment*, 157738. <https://doi.org/10.1016/j.scitotenv.2022.157738>

Illustrated by HEARTWOOD VISUALS



Credit: Napa County



LOW TECH

LOW COST



LANDSCAPE LEVEL,
EXPONENTIAL BENEFITS



Restoration of Loess Plateau in China
1994 – 2018
Credit: John Liu



THANK YOU

LIVING ROOM SALON: THE TRUE VALUE OF REGENERATIVE AGRICULTURE



Expert Speakers:

- Moderator: Mark Gudgel, Freelance journalist, Author and Professor
- Natalie Winkler, Salvestrin Winery
- Ivo Jermamez, Grgich Estate
- Kelly Mulville, Paicines Ranch

Learn More

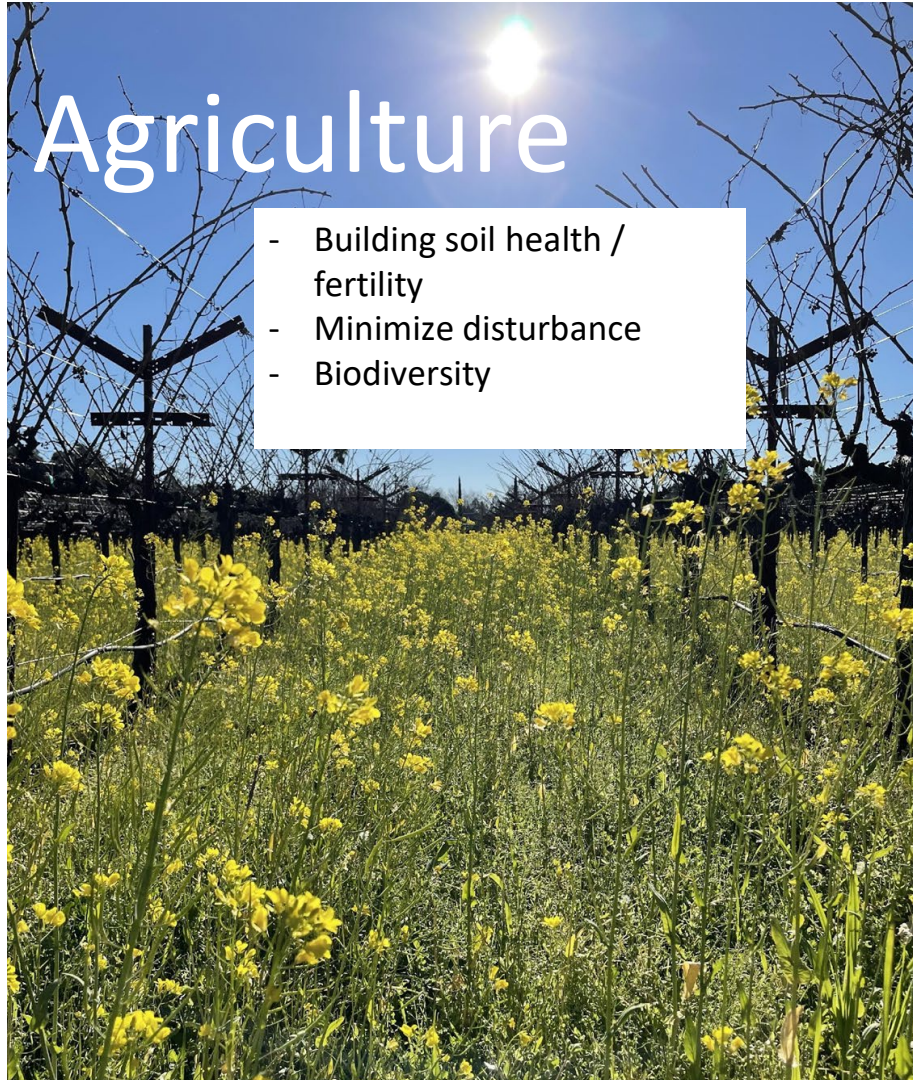
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Regenerative Agriculture



- Building soil health / fertility
 - Minimize disturbance
 - Biodiversity
- 



Pea plant fixing nitrogen from the atmosphere, a regenerative way of providing N to soil.



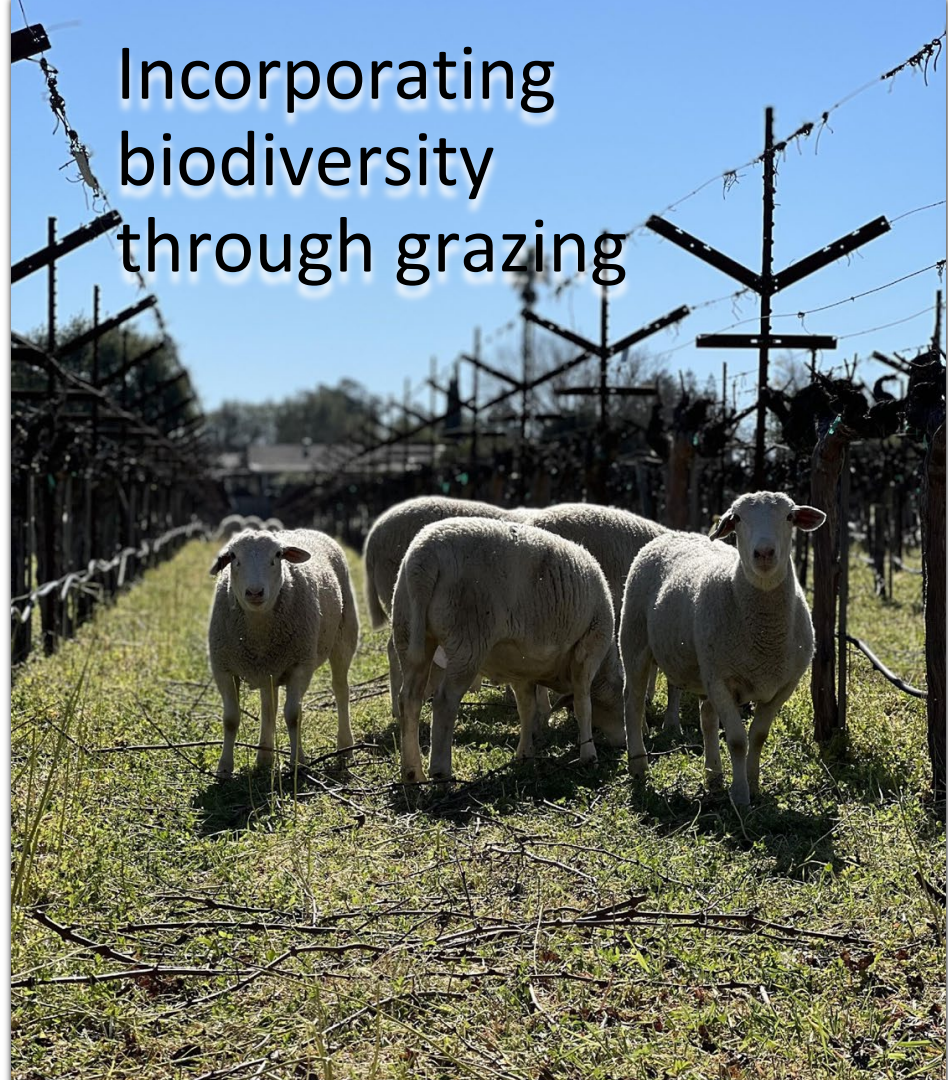
Working with nature

Diverse cover crops, composting



Compost feeds soil, microbe inoculant





Incorporating
biodiversity
through grazing



Before grazing



After grazing





PROACTIVE FARMING, SOIL HEALTH & BIODIVERSITY

BIOLOGICAL & CULTURAL WEED CONTROL

WHY DO WE CHOOSE TO FARM ORGANICALLY/REGENERATIVELY?

1. LOWER COSTS AND HIGHER PROFITS
2. ELIMINATE PESTS AND DISEASE
3. AVOID APPLYING GLYPHOSATE

REGENERATIVELY FARMED VINEYARD



CONVENTIONALLY FARMED VINEYARD



5 PILLARS OF REGENERATIVE FARMING

1. MINIMAL SOIL DISTURBANCE
2. NATURAL ARMOR
3. BIODIVERSITY
4. LIVESTOCK INTEGRATION
5. LIVING ROOTS



STEP 1



STEP 2

STEP 3



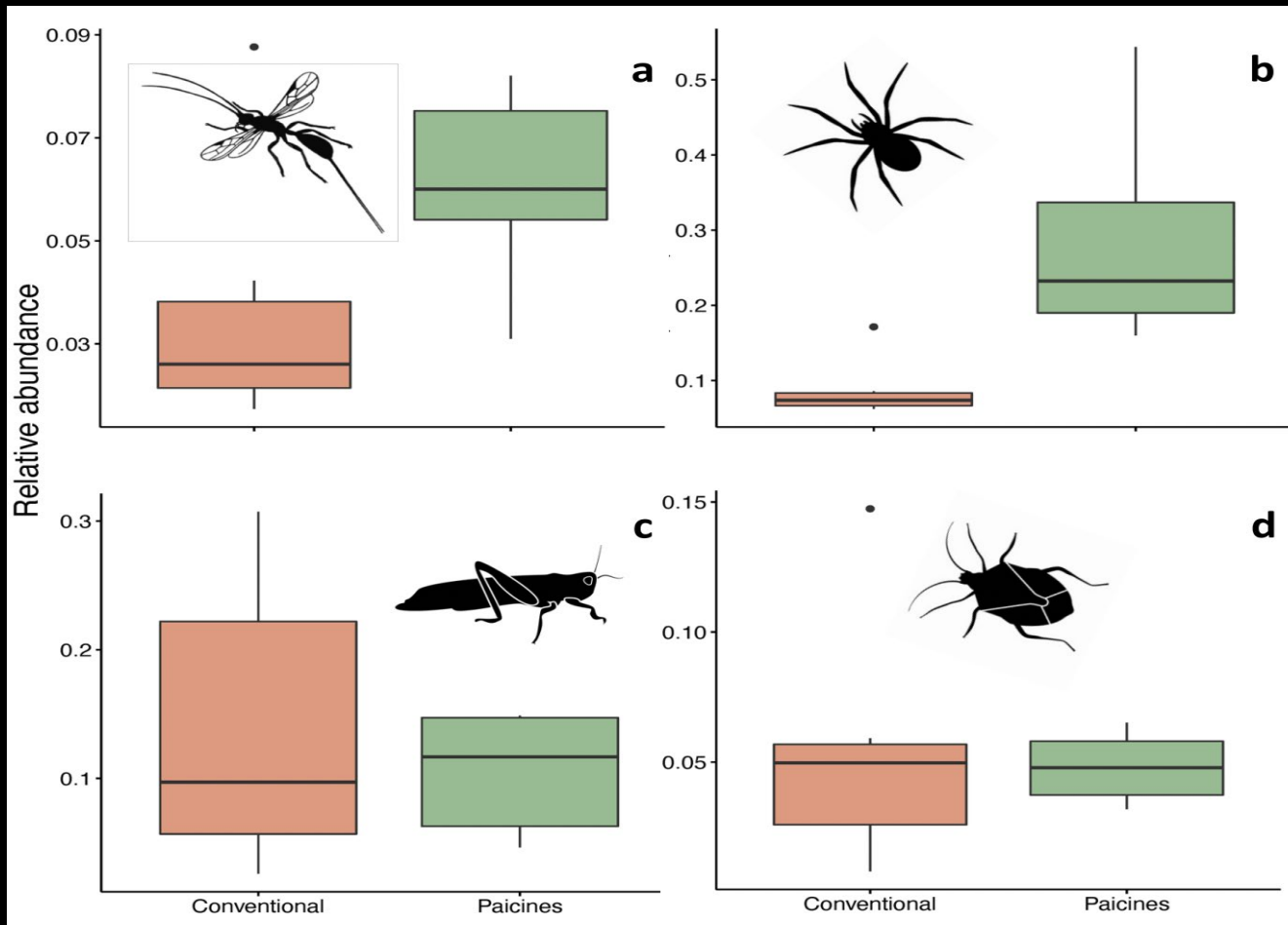


THANK YOU

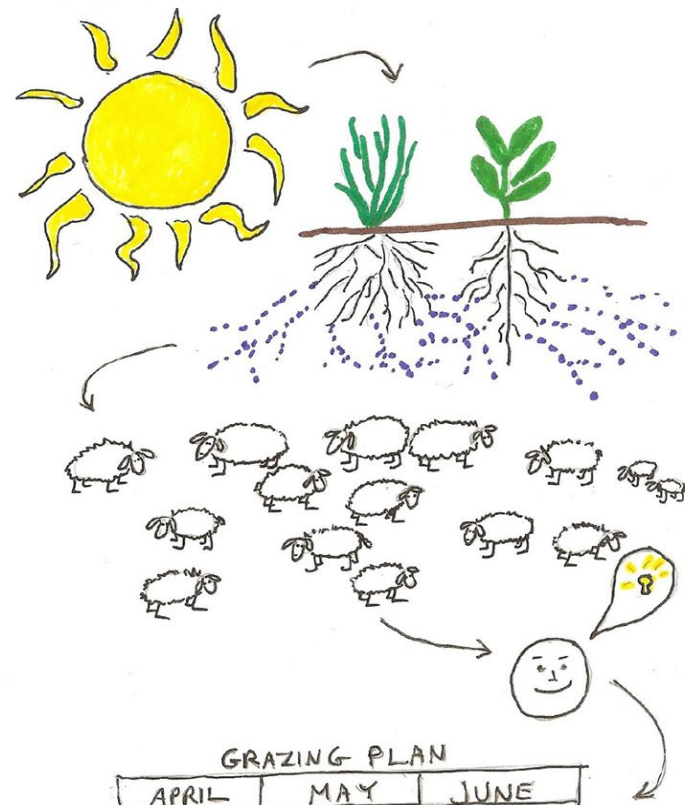
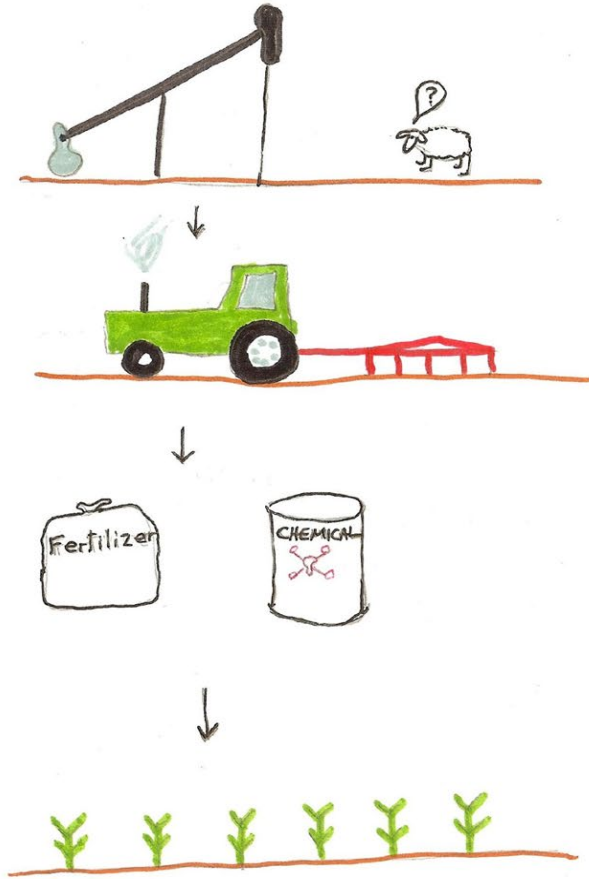




a) Parasitoids b) Predators c) Herbivores d) Sap-sucking



Calculated as abundance of functional group / total arthropods at plot



GRAZING PLAN

APRIL	MAY	JUNE
-	-
-	-	-
-	-	-
-	-	-

