

Climate Change and Extreme Events: Data, Planning and Action for Resilience in Sonoma County

Shirlee Zane, Supervisor, County of Sonoma

Keynote Presentation



CLIMATE CHANGE AND EXTREME EVENTS: DATA, PLANNING AND ACTION FOR RESILIENCE

Shirlee Zane | Sonoma County Board of Supervisors



**AG +
OPEN
SPACE**
SONOMA COUNTY



**Sonoma
Water**

Overview

- Sonoma County
- Collaboration, innovation, investment, integration
- Lessons learned



Sonoma County, CA



Sonoma County, CA



Sonoma County, CA















HOTEL

LIVE
10:45 am ET

WATER SECURITY & DROUGHT PREPAREDNESS

SHIRLEE ZANE

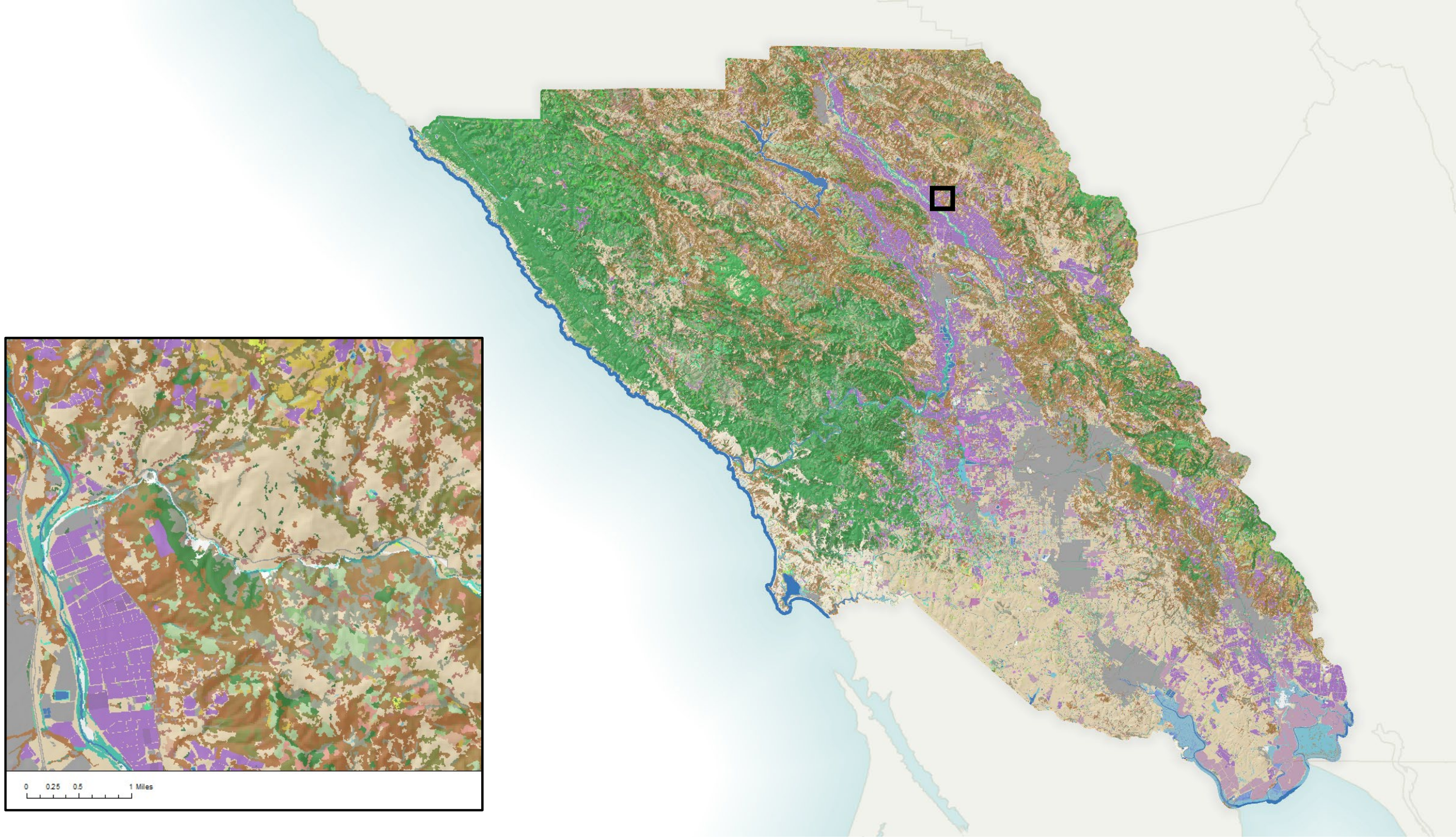
Sonoma County (CA) Water Agency
Chair

C-SPAN3
c-span.org
@cspan



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SPACE
SONOMA COUNTY

DATA INVESTMENTS

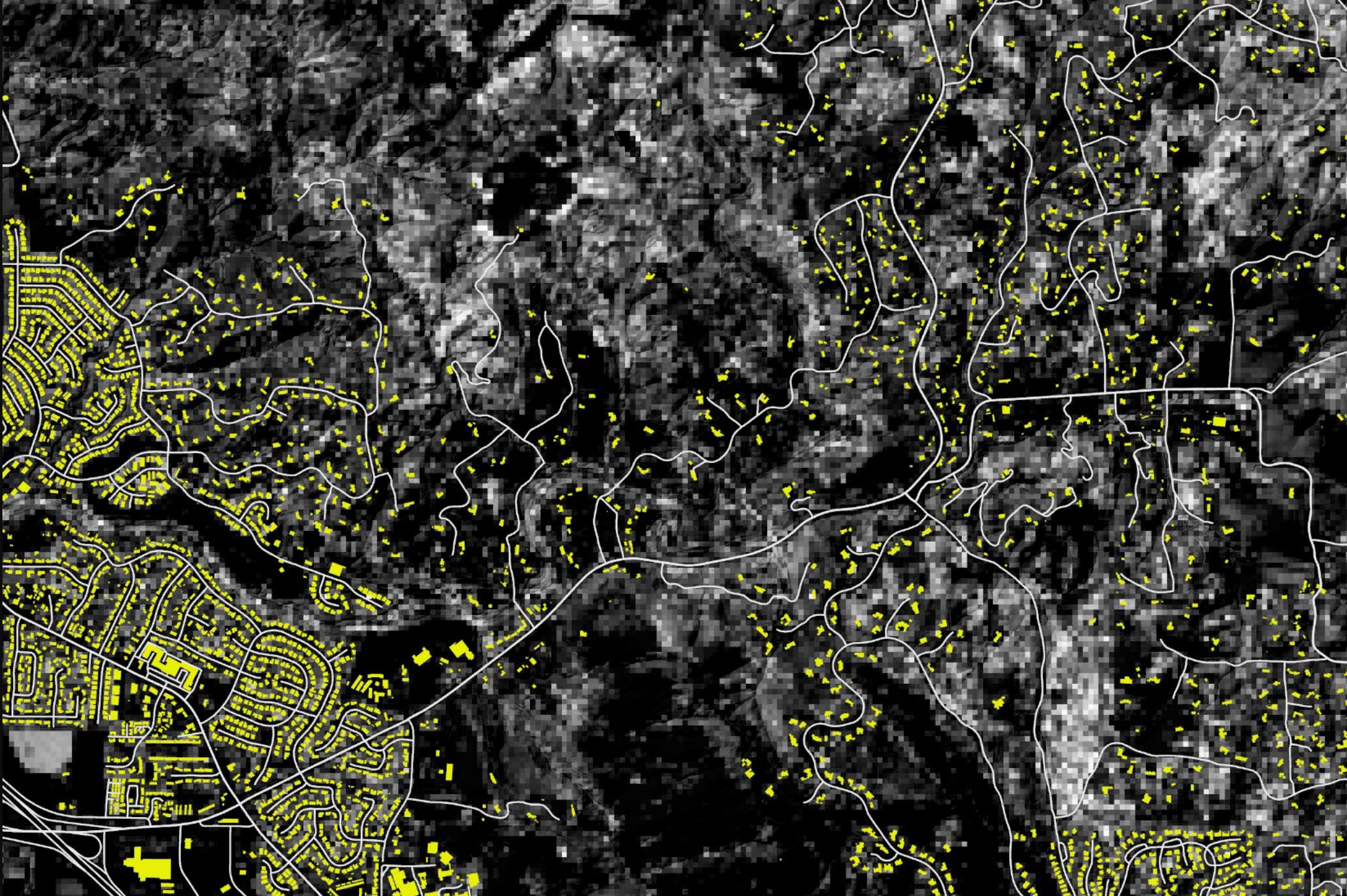




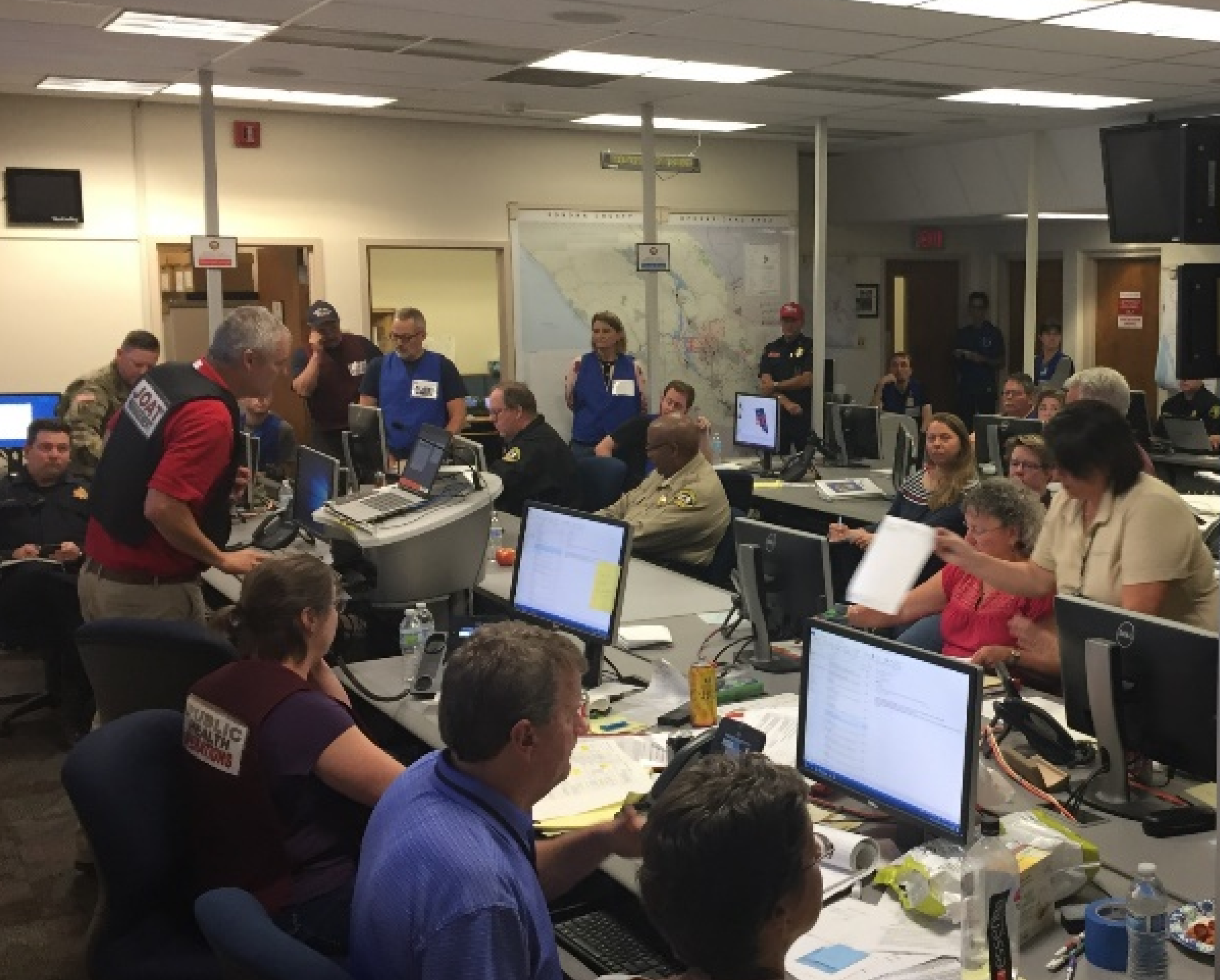
 Building Footprint

LADDER FUELS

 Higher density
 Lower density













EH Cleanup Status	
Sitestatus	Debris Removed
Description	
Fieldcollector	Ruben Williams
Created User	rwilliams_SonomaMap
Created Date	1/6/2018, 4:22 PM
Last Edited User	rwilliams_SonomaMap
Last Edited Date	1/6/2018, 4:23 PM
Globalid	{104DB6B2-3019-4594-ABE3-555555555555}

Zoom to



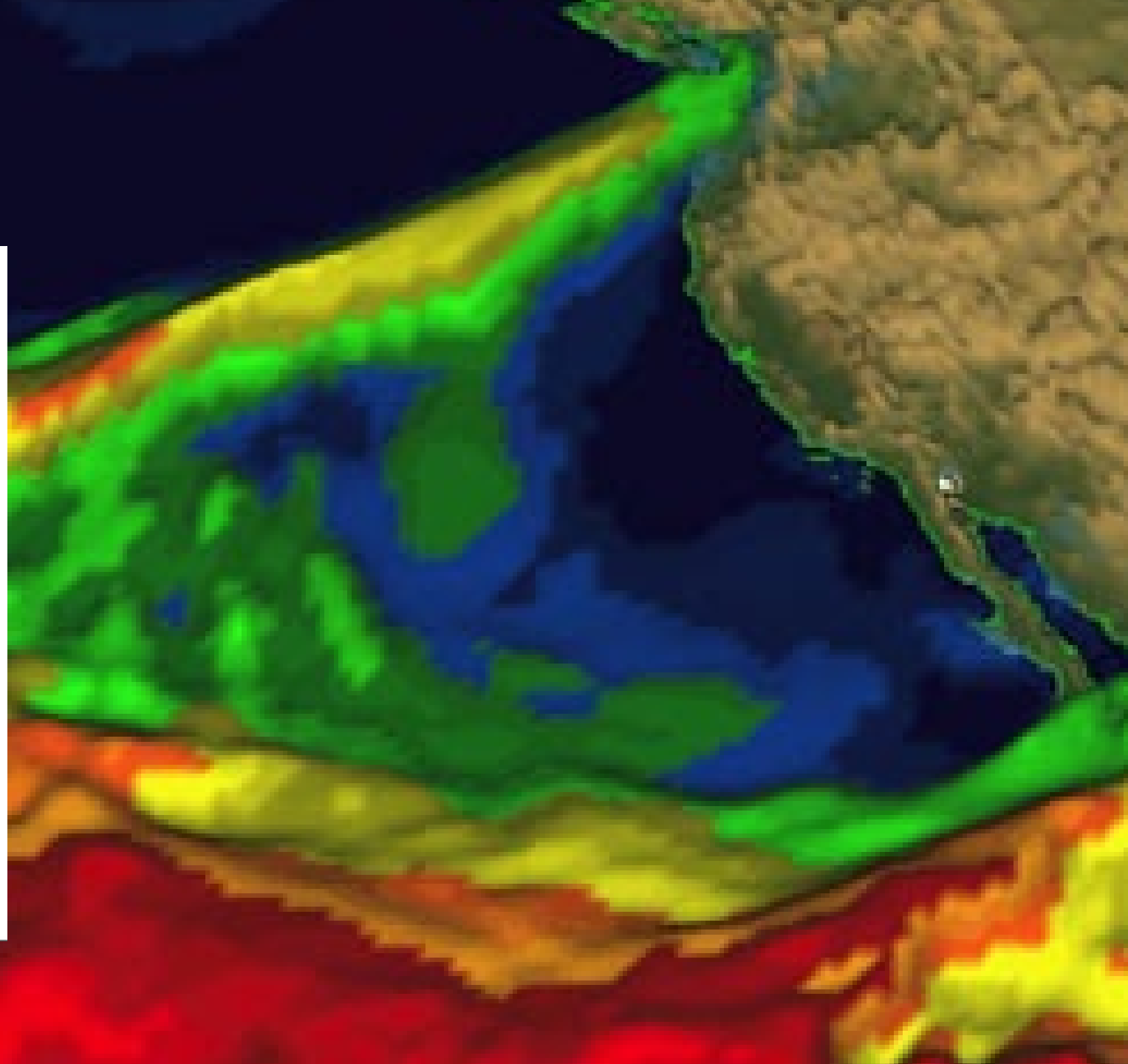
**S-BAND
(NEXRAD)**



C-BAND



X-BAND



Nevada Seismological Laboratory
Mackay School of Earth Sciences & Engineering
UNIVERSITY OF NEVADA, RENO

North Bay Cameras

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Leaflet | Map tiles by Stamen Design, under CC BY 3.0, Data by OpenStreetMap, under CC BY SA

Tahoe Cams | BLM-NV Cams | OR-ID-WA Cams | SDG&E Cams | SCE Cams

Atlas Peak

Barnabe Peak East

Barnabe Peak West

Big Rock Ridge

Geyser Peak

Jackson Peak

Mount Konocti

Pine Mountain

Pole Mountain

St. Helena South

Mt Tamalpais East

Mt Tamalpais West

Mt Vision

Alert North Bay: Long-term Vision

Alert North Bay: Long-term Vision

Highways

State Highway

US Federal Highway

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, E OpenStreetMap contributors, and the GIS User Community



2017 Sonoma Complex Fires

Post-Fire Vegetation Assessment and Planning for Landscape & Community Resiliency to Fire



2019 Winter Storms & Flooding

Sonoma County Emergency Response & Recovery





SCB SONOMA COUNTY
BUILDERS

building this home...
restoring the community!

07-544-5778

#MiramonteStrong

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First Rebuilt Home - Fountain Grove
September 15, 2018

