

# Groundwater Management Challenges

## An Environmental Justice Perspective

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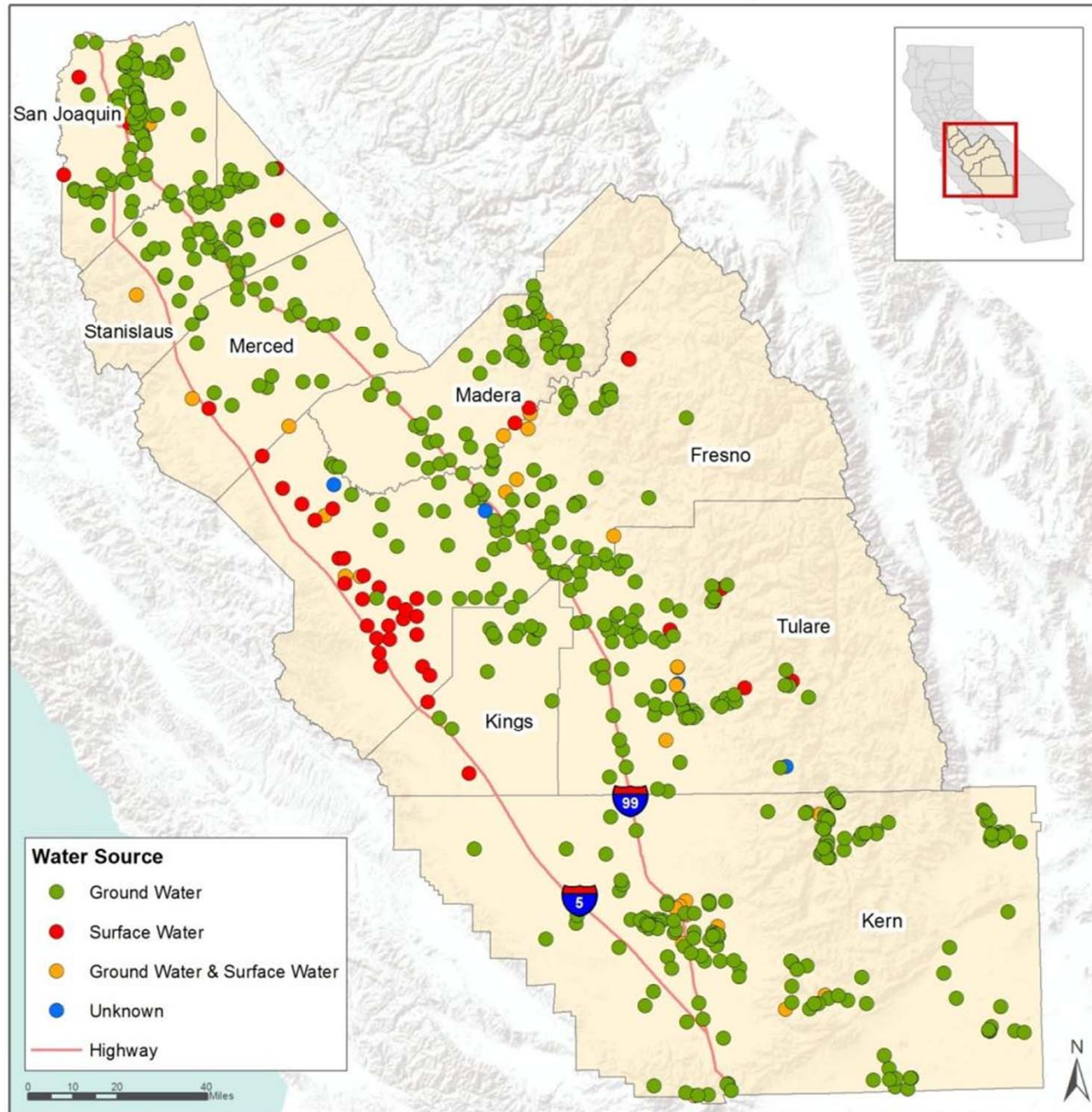




Ensuring all Californian's have safe,  
affordable drinking water



### Water Source for Active Community Water Systems, 2007



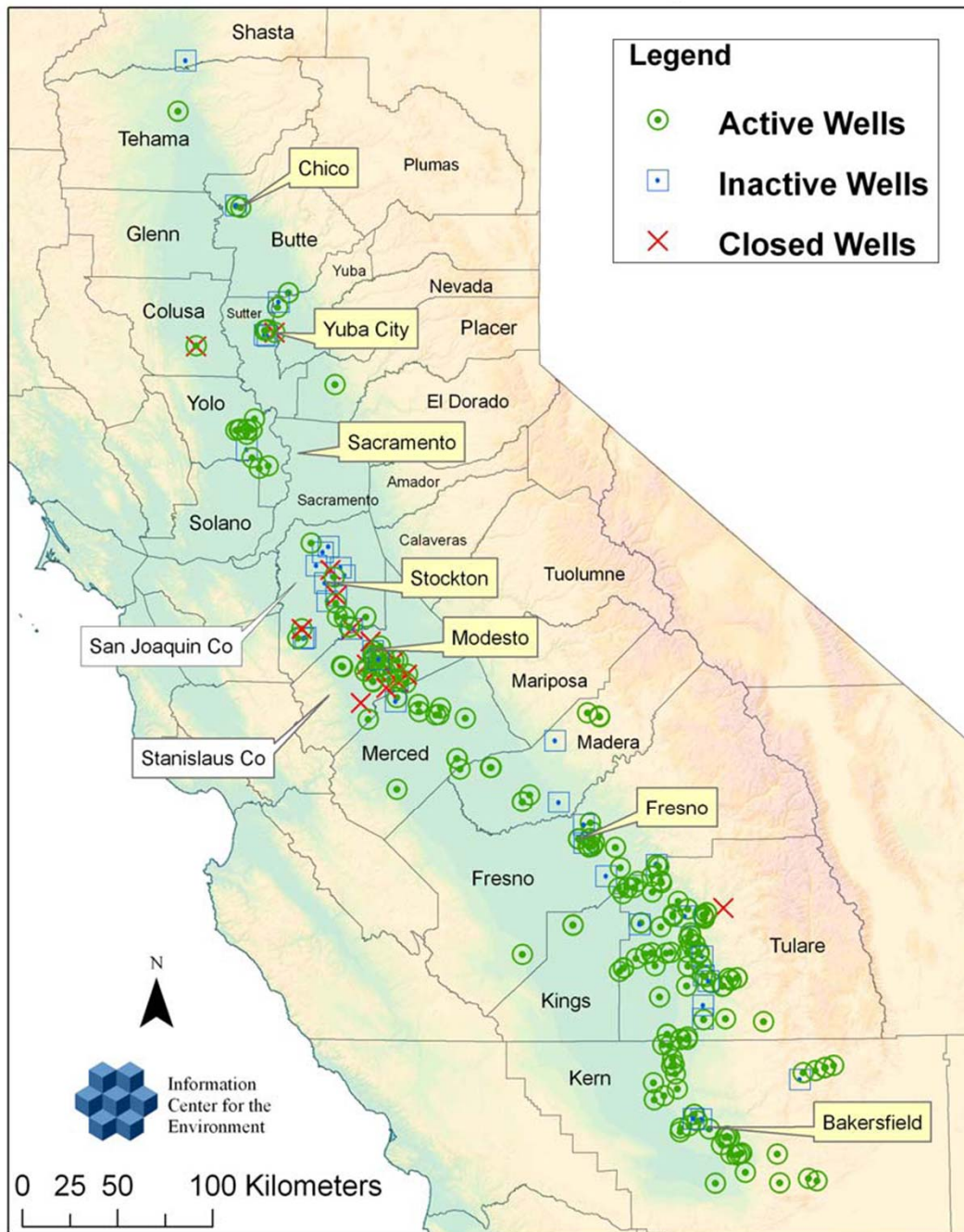
Balazs, C. & Nerness, B. (2010)

Projection: California Teale Albers (North American Datum 1983)

>90% of  
valley  
communities  
rely on  
groundwater.



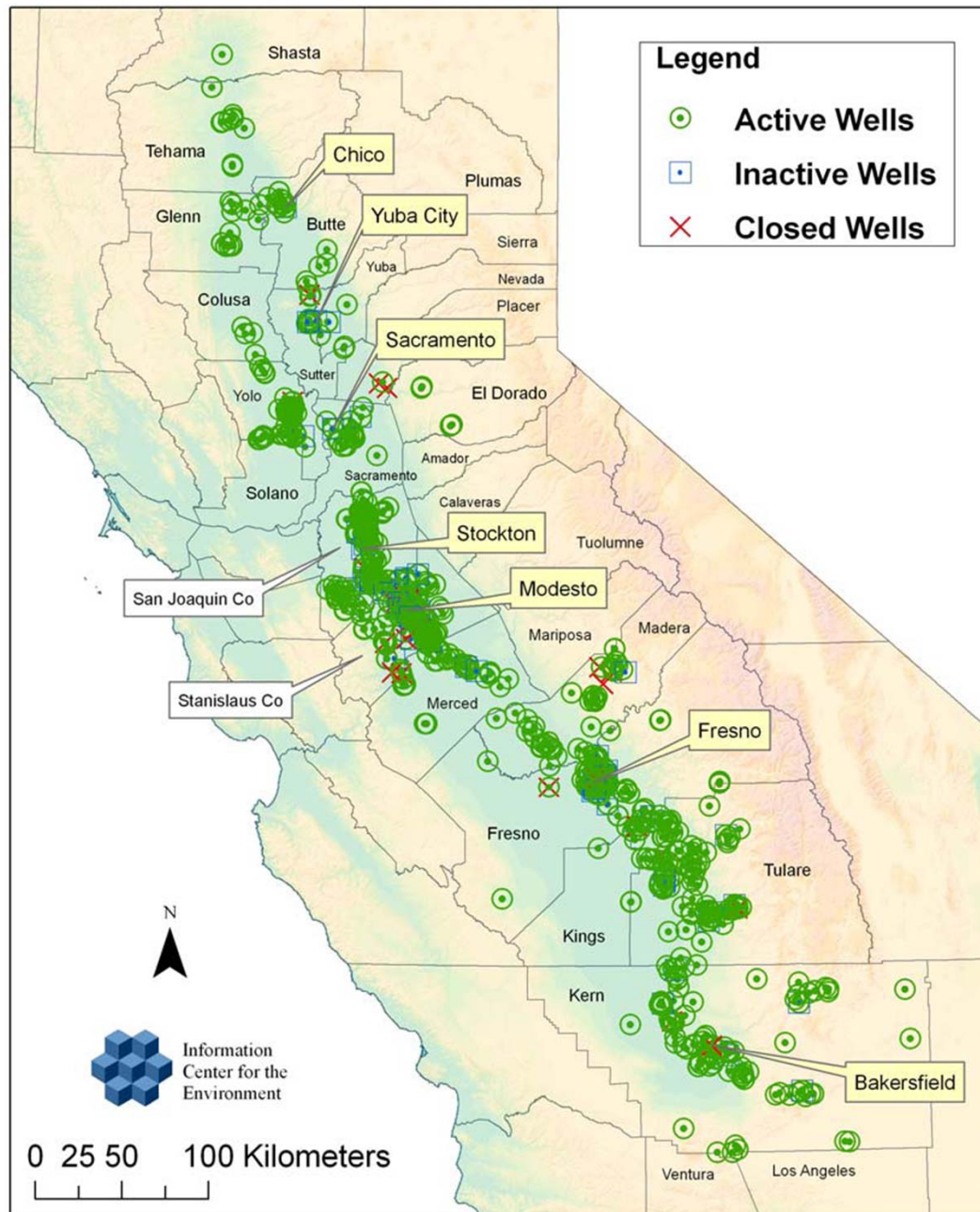
## Wells with Nitrates Exceeding MCL



Many  
drinking  
water  
supplies are  
already  
contaminated



## Wells with Nitrates at 50% of MCL



Many more are  
at risk of  
becoming  
contaminated

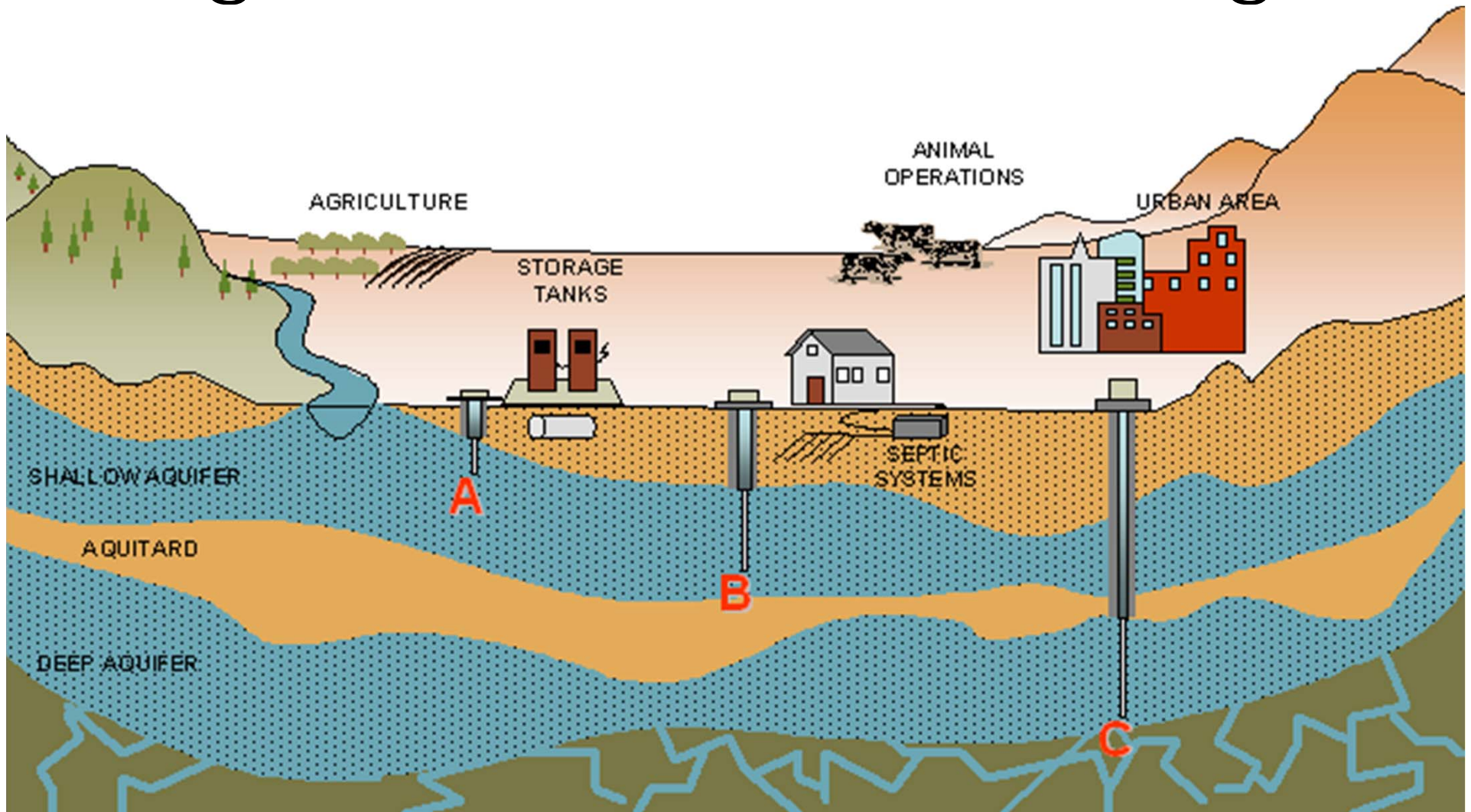


# Challenge 1: Inadequate Groundwater Quality Protection





# Challenge 2: Inadequate groundwater monitoring





# Challenge 3: Existing groundwater data sources must be integrated and more accessible



<http://geotracker.waterboards.ca.gov/gama/>



# Challenge 4: Gaps in Enforcement & Clean Up





# Communities Pay the Costs



- Health
- Social
- Financial



# Call to Action





Thank you

[www.communitywatercenter.org](http://www.communitywatercenter.org)

