

# Lightning Talk Presentations – Emergency Management Operations

County of Butte

US Army Corps of Engineers

Philippines Red Cross

National Security and Public Safety Summit @ Esri UC





# Butte County's GIS Response to the Camp Fire

Jim Aranguren, GIS Manager, County of Butte

Lightning Talk Presentation





# Butte County's GIS Response to the Camp Fire

- November 8<sup>th</sup>, 2018
- 153,336 acres
- 85 civilian fatalities
- 18,804 structures destroyed

# Challenges For County GIS

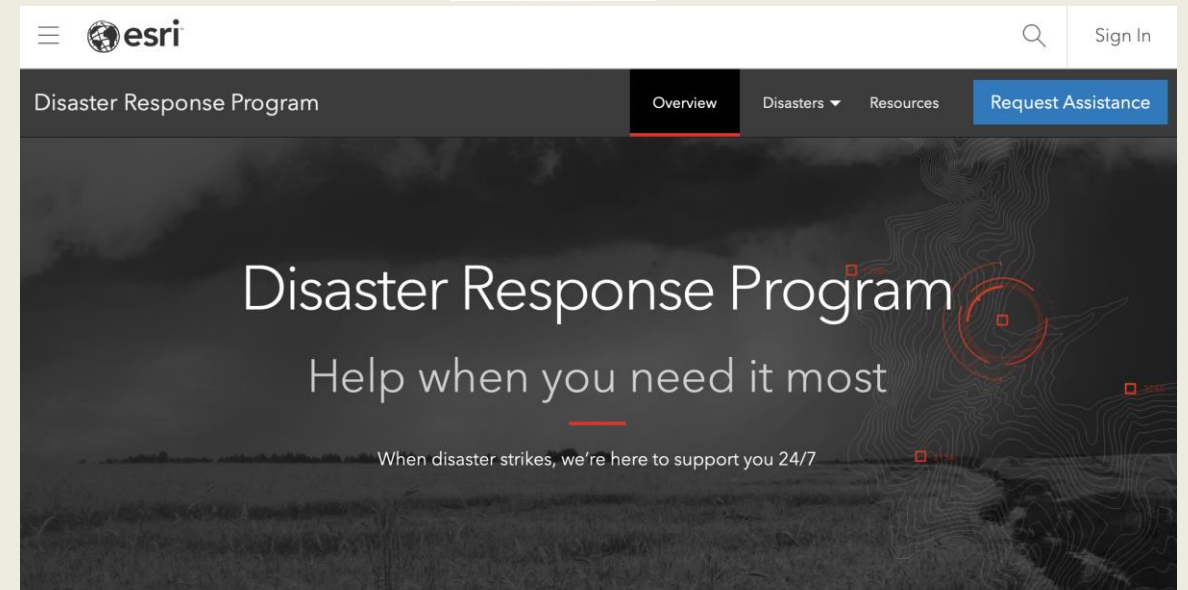
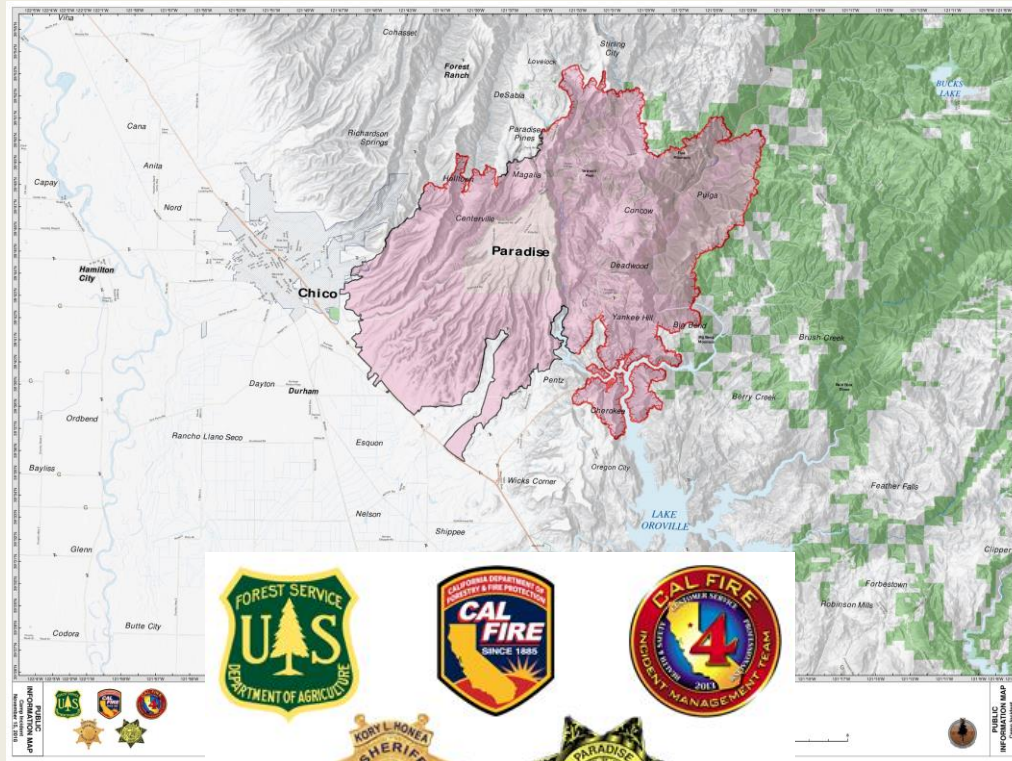
- Power and network connectivity disruptions
- ArcGIS Online not fully implemented
- Staffing shortages
- Overwhelming offer of support
- Inundation of map/data requests
- Multiple EOC locations





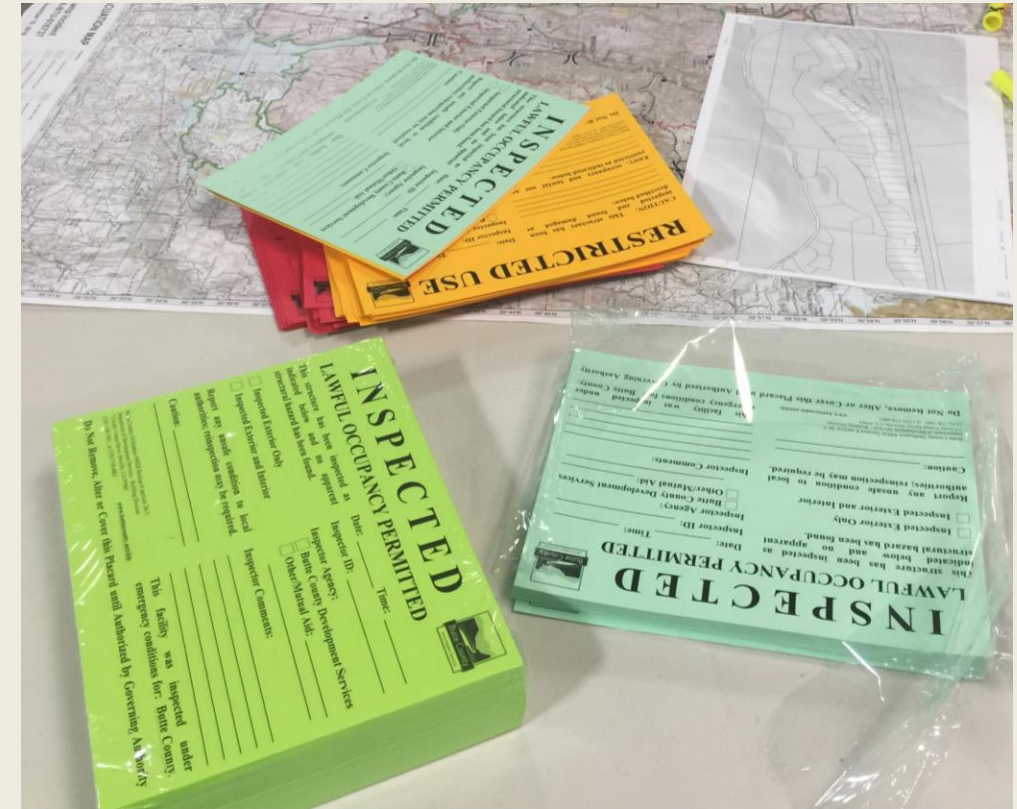
# GIS Responders

Counties of Yolo, Contra Costa, Sonoma, Shasta  
Cities of Redding, Santa Rosa





# The GIS Response



# Preparations for Future Events

- Open Data
- Pre-designed map templates
- Standardized map / data request forms
- Tested mobile / field solutions
- Training and Practice

- Maintain Key Relationships



- Protect GIS staff from over exertion
- Know ICS and where GIS fits in within your own agency
- Collaborate Collaborate Collaborate!

# Contact

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