

## A 221 - Quantitative Methods In Environmental Planning; Spring 2023

Instructor: John Radke

This course advances a student's knowledge in the application of Geographical Information Science (GIS) within an Environmental Planning context. The focus is on wildfires in the wildland-urban intermix (or interface).

### Presentations

1	1/24/2023	Dennis Rein	MOFD	East Bay Hills Tunnel Fire (Oakland Firestorm 1991)
2	1/31/2023	Phil Higuera	Prof, Univ of Montana	Changing causes and impacts of wildfires in the West
3	2/7/2023	Christoher Godley	Director, Emergency Management, Sonoma County	Way Past the WUI: The 2017 Sonoma County Firestorm
4	2/16/2023	Mike Mathiesen & Peter Norton	Battalion Chief Santa Clara County Fire & GIS Analyst for Santa Clara County Fire	Wildfire Resilience in Santa Clara County
5	2/21/2023	Marc Castellnou	Strategic Fire Analyst and Area Chief for the Catalan (Spain) Fire Service.	Wildfires: Uncertainty and Creativity in Management
6	2/23/2023	Alexis Rose	The Sea Ranch Association's Resource Conservation Coordinator.	Sea Ranch Data Base
7	2/28/2023	Mark Finney	Research Forester - developer of FARSITE and FlamMap fire modeling programs	Effective Fuel Management
8	3/7/2023	Jerry Kent	Assistant General Manager of Operations (Ret) EBRPD	Wildfire is Coming - Prepare and be Ready
9	3/9/2023	Joe McBride	Professor Emeritus UC Berkeley where he taught: Forest Ecology, Ecological Analysis, and Urban Ecology	Managing the WUI to reduce Fire Hazard
10	3/14/2023	Jack Cohen	Research Physical Scientist, US Forest Service (Ret)	Wildland-Urban Fire Disasters -- A Structure Ignition Problem (home hardening)
11	3/21/2023	Scott Smith	Architect (Sea Ranch)	Climate Change, Coastal Ecosystems and The Sea Ranch
12	4/4/2023	Jane Park	Fire and Vegetation Specialist, Parks Canada	
13	4/6/2023	Margo Robbins	co-founder and Executive Director of the Cultural Fire Management Council	Managing the Land for Living Culture and Wildfire Prevention
14	4/11/2023	Jesus San-Miguel	Leader of the European Forest Fire Information System and Global Wildfire Information System Team, Directorate for Space, Security and Migration, Joint Research Centre of the European Commission	A European response: Wildfire risk assessment and mitigation in the European Union