

John Radke's "Wildfire 101"

UC Berkeley graduate course LA 221 - Quantitative Methods In Environmental Planning; Spring 2023

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).

SPEAKERS			Video
2023-01-24 - Dennis Rein	MOFD Emergency Preparedness Coordinator	1991 Tunnel Fire (Oakland Hills Firestorm)	Rein - Part 1 Rein - Part 2
2023-01-31 - Phil Higuera	Professor of fire ecology in the Department of Ecosystem and Conservation Sciences at the University of Montana	Effects of climate change and how 2017 could have been predicted	Higuera - Part 1 Higuera - Part 2 Higuera - Part 3
2023-02-07 - Christopher Godley	Director of Emergency Management for Sonoma County	Way Past the WUI: The 2017 Sonoma County Firestorm	Godley
2023-02-16 - Santa Clara County Fire	Mike Mathiesen - Fire Management & Wildfire Resilience, Peter Norton - GIS Analyst	Wildfire Resilience in Santa Clara County	Santa Clara Fire
2023-02-21 - Marc Castellnou	Strategic Fire Analyst and Area Chief for the Catalan (Spain) Fire Service.	Wildfires: Uncertainty and Creativity in Management	Castellnou
2023-02-28 - Mark Finney	Research Forester - developer of FARSITE and FlamMap fire modeling programs	Effective Fuel Management	Finney
2023-03-07 - Jerry Kent	Assistant General Manager of Operations (Ret) EBRPD	Wildfire is Coming - Prepare and be Ready	Kent
2023-03-09 - Joe McBride	Professor Emeritus UC Berkeley where he taught: Forest Ecology, Ecological Analysis, and Urban Ecology	Managing the WUI to reduce Fire Hazard	McBride - Part 1 McBride - Part 2
2023-03-14 - Jack Cohen	Research Physical Scientist, US Forest Service (Ret)	Wildland-Urban Fire Disasters -- A Structure Ignition Problem (home hardening)	Cohen
2023-04-04 - Jane Park	Fire and Vegetation Specialist, Parks Canada	Prescribed burning in Banff National Park	Park
2023-04-06 - Margo Robbins	co-founder and Executive Director of the Cultural Fire Management Council	Managing the Land for Living Culture and Wildfire Prevention	Robbins
2023-04-11 - 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	San Miguel
2023-05-08 - Final Presentation		Wildfire mitigation plan for The Sea Ranch	Final Presentation