



Local Governments Empowering Our Communities

BayREN Regional Forum

Responding to Climate Challenges:

Energy Efficient Homes in a Wildfire-prone Region

March 18, 2021

Zoom Meeting How To's

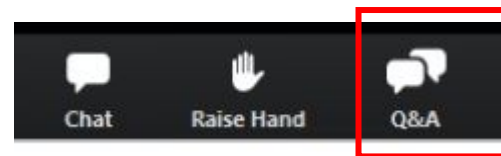
- Video camera and mic may remain off.
- Please use the chat feature to interact with panelists and other participants.
- Please use Q&A function if you have a question or comment.
- We will break for questions at the end of each session and have a panel Q&A at the end of the forum.

Zoom Meeting How To's

- Chat in lower left-hand corner



- Q&A button at right side of tool bar





Programs

- Single Family Home+
- Green Labeling
- Bay Area Multifamily Building Enhancements (BAMBE)
- BayREN Business
- Water Upgrades \$ave
- Codes and Standards

www.bayren.org

Codes and Standards

Joint effort of Bay Area local governments to support the development and implementation of tools, best practices, trainings, and policies for accelerating compliance with, and exceeding, California Title 24, Part 6.

Two Broad Areas of Effort

- **Compliance Improvement:** Investigate areas for improvement in code enforcement processes & offer solutions
- **Policy:** Share best practices & develop regional resources for going above code



Codes and Standards

Energy Code Trainings

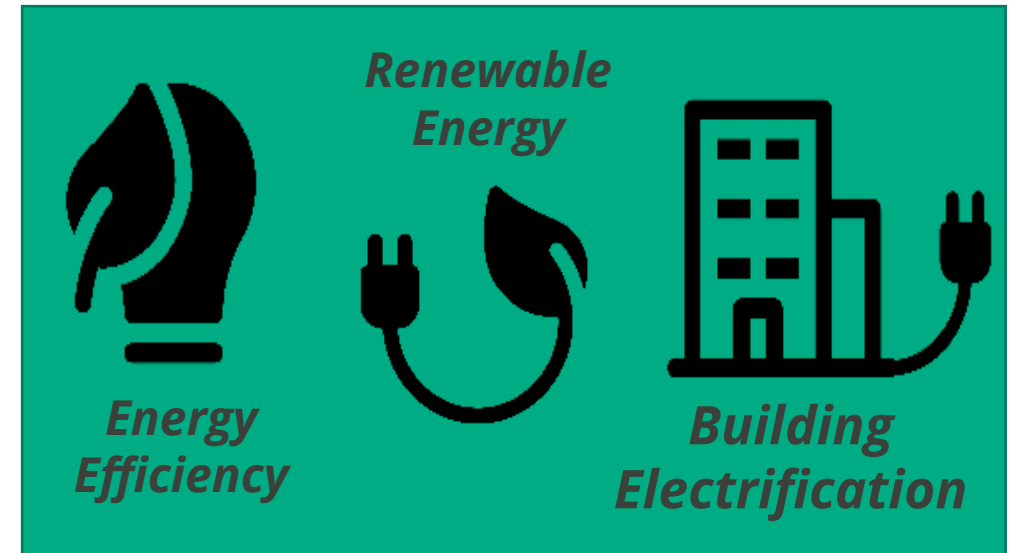
- **Free live online** trainings on Energy Code Compliance
 - 60-90 minutes in length
 - Can be scheduled for staff meetings
 - ICC CEUs for building department staff
 - Topics include 2019 Energy Code Changes, Nonres TI, HPWH, HERS Registry and more
- **On-demand** Heat Pump Water Heater training available
- Scheduled sessions can be viewed at [bayrencodes.org/events](https://www.bayrencodes.org/events)
- More at <https://www.bayrencodes.org/services/trainings/>



Codes and Standards

Municipal ZNE/ZNC Technical Assistance

- **Technical Assistance:** No-cost engineering analysis to help local governments retrofit or build municipal buildings to be ZNE/ZNC, or to demonstrate ZNE/ZNC policy feasibility for municipal building portfolios.
- **Municipal ZNE RFP and OPR Template Language:** Request for proposal (RFP) and owner project requirements (OPR) template language for local governments to encourage developers to construct new municipal buildings to ZNE.



Codes and Standards

ePermit Tool

A free, user-friendly online tool that provides information and Energy Code requirements for building permit forms for three of the most common types of home projects:

- Replacing a hot water heater
- Replacing all or part of a roof
- Replacing or adding new windows

Available at:

<https://www.bayrenepermittool.com/generic#!/>



Presentations & Materials

All presentations & materials will be emailed to you after the Forum and available at <https://www.bayrencodes.org/events>

Disclaimer

The views expressed in these presentations are those of the author(s) and do not necessarily reflect the position of the Association of Bay Area Governments, the Bay Area Regional Energy Network or the jurisdictions that BayREN represents. Any questions pertaining to the views and information in the presentations should be directed to the author(s).

This webinar is being recorded and will be posted to the BayREN Codes and Standards website. By continuing to participate, you are granting your consent.

Meeting Agenda

- 9:00 am** Welcome & Introductions
- 9:25 am** Efficiency vs. Toxicity: Designing for Fire
- 10:00 am** Q&A
- 10:15 am** Break
- 10:25 am** Rising Back Up: Achieving Savings and Resilience in Fire Recovery Areas
- 10:50 am** Resilient Home Remodeling: Efficiency, Electrification, and Wildfire Protection
- 11:15 am** Measuring the Air Inside During a Wildfire
- 11:40 am** Q&A

BayREN County Representatives



Emily Alvarez
StopWaste
Alameda County
ealvarez@stopwaste.org



Barry Hooper
City and County of San
Francisco
barry.e.hooper@sfgov.org



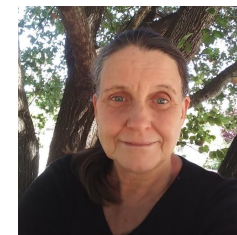
J. Paul Harrington
Solano County EDC
Solano County
jpaul@solanoedc.org



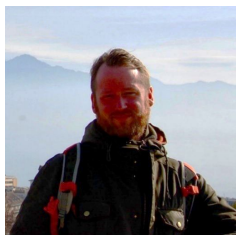
Nicole Shimizu
Contra Costa County
nicoleshimizu@climatecorps.org



Denise Lin
San Mateo County
dlin@smcgov.org



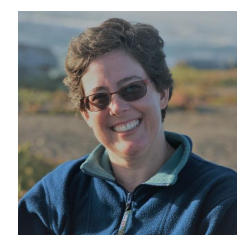
Christine Condon
Sonoma County
christine.condon@sonoma-county.org



Kellen Dammann
Marin County
kdammann@marincounty.org



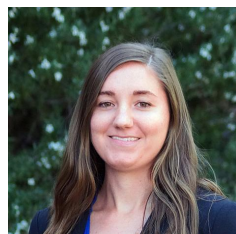
Susan Wright
San Mateo County
swright@smcgov.org



Karen Kristiansson
ABAG/MTC
BayREN
kkristiansson@bayareametro.gov



Deborah Elliott
Napa County
deborah.elliott@countyofnapa.org



Breann Boyle
Santa Clara County
breann.boyle@ceo.sccgov.org

Napa County



Neighboring Counties



Greater Bay Area



Efficiency vs. Toxicity: Designing for Fire



Jeremy Knoll
BNIM Architects



Bob Renton
Henderson Engineers

Q&A

10-MINUTE BREAK

Beyond the Basics: Achieving Savings and Resilience in Fire Recovery Areas



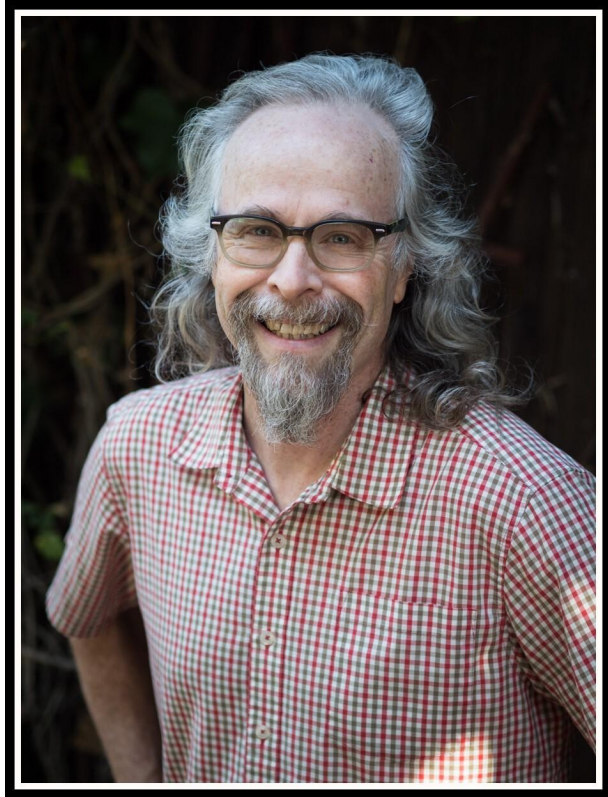
Scott Salyer
Sonoma Clean Power

Resilient Home Remodeling: Efficiency, Electrification, and Wildfire Protection



Ann Edminster
Design AVEnues LLC

Measuring the Air Inside During a Wildfire



Woody Delp

Lawrence Berkeley National Laboratory

Q&A

Enjoy the Event?

Please Complete Our Feedback Survey

- Follow the link to our survey:

<https://www.surveymonkey.com/r/BayRENQ1RegionalForumSurvey>

Thank you!