Zoom Meeting General Information

- Recommendation:
  At the top of your Zoom window, set View options to *Fit to Window* and Side-by-side mode
- Please keep your sound muted except when speaking
- Keep your camera on – and remember it is on!

We Will Begin Shortly

Welcome!

ECA Southern California
November 12 Online Workshop
Welcome

Margaret Vinci
Caltech

Heidi Rosofsky
Global Vision Consortium

Co-Chairs
ECA SoCal Coordinating Committee

Earthquake Country Alliance

• 3000+ Public-Private-Grassroots leaders

• Statewide Sector-based committees and Outreach Bureaus develop resources and deliver programs

• Local Regional Alliances organize meetings and outreach activities

• California’s Office of Emergency Services provides FEMA funding for ECA activities

• USC’s Southern California Earthquake Center (SCEC.org) administers ECA

Join: EarthquakeCountry.org/alliance
# ECA SoCal Coordinating Committee

- **Coordinating Committee Chairs:** Connie Lackey (Providence Health)  
  Heidi Rosofsky (Global Vision)  
  Margaret Vinci (Caltech)

- **Communications Coordinator:** Jeffrey Snoddy (City of Torrance)

- **Regional Workshops Coordinator:** Jenny Novak (CalOES Southern Region)

- **Membership Coordinator:** Anna Burton (Port of LA)

- **Media Bureau Coordinators:** Marilyn Jimenez (LA Red Cross)  
  Jessica Kellogg (City of LA EMD)

- **Participation Bureau Coordinator:** Pei-Lun Lee (Orange County Emergency Management)

- **Events Bureau Coordinators:** John Hammett & Lance Webster (Volunteers)

- **Sector-Based Committee Coordinator:** Pauline Louie (US Housing and Urban Development)

__SCEC Regional Liaison for ECA SoCal: Gabriela Noriega (USC/SCEC) socal@earthquakecountry.org__

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## Agenda

- **ShakeOut Overview**  
  *Mark Benthien (ECA)*

- **Mini Awards: 2020 Recipient Presentations & 2021 Announcement**

- **Presentation Title - Hazard Mitigation Funding Opportunities**  
  *Anthony Roggio (Cal OES)*

- **BreakOut: What’s Next?**
  - What activities/resources are you planning for 2021?
  - How are you addressing continued COVID-19 challenges?
  - What should ECA SoCal plan/provide in 2021?
ShakeOut Overview

Mark Benthien (SCEC/ECA)

Great ShakeOut Earthquake Drills

Annual event when schools, organizations, and families practice earthquake safety (Drop, Cover, and Hold On) and other aspects of their emergency plans

<table>
<thead>
<tr>
<th></th>
<th>2019</th>
<th>2020</th>
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<tr>
<td>Nationwide</td>
<td>21 million</td>
<td>13 million</td>
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<tr>
<td>Worldwide</td>
<td>67 million</td>
<td>28 million</td>
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Learn more and register: [ShakeOut.org](http://ShakeOut.org)  [ShakeOut.org/espanol](http://ShakeOut.org/espanol)
Earthquake Drills in 2020

• Earthquakes likely will not happen at 10:15 on a Thursday morning.

Choosing alternative dates/times for your ShakeOut drill each year is always a good practice!

• Earthquakes likely will not happen when everyone is at work or school

ShakeOut in Place... no matter where people are (work, home, school, traveling...)

ShakeOut.org/COVID-19

Earthquake Drills in 2020

• Consider supporting your ShakeOut activity remotely through video conferencing - be sure to take recordings or screenshots, have an after-action dialogue, or even a survey to participants!

Distance learning, during staff meetings, etc.

• If in-person: Provide ample space between people at all stages.

Wear personal protective equipment in addition to regular hand-washing (especially after holding on to lower parts of furniture)

ShakeOut.org/espanol/COVID-19
New Resources for Drill Leaders

- Simple slides for:
  - Introducing ShakeOut
  - Explaining Drop, Cover, and Hold On (and options for people with disabilities or access/functional needs)
  - Encouraging discussion before and after
  - Leading a one-minute drill (using the ShakeOut Drill Broadcast recording)

- Can be used for online AND in-person drills
- Available now for:
  - Grades K-4
  - Grades 5-12
  - Higher Education
  - Organizations (Generic)

ShakeOut.org/COVID-19

ShakeOut 2020: Next Steps

- There is still time to register and hold your drill
- Encourage others to participate - especially in our new settings
- Look for the 2020 ShakeOut Survey (next week). We appreciate your response!
- Share Your ShakeOut!
  - Upload to Social Media or save to Google Drive, Dropbox, etc.
    - Use hashtag #ShakeOut on social media
  - Share links to your content at ShakeOut.org/share
  - We'll add the best photos and videos to the ShakeOut website!
2021 ECA SoCal Mini Awards

Mark Benthien (SCEC/ECA)

- **Purpose**: assist ECA SoCal Members to improve earthquake resilience by promoting mitigation, awareness, and preparedness, and multiply impact of programs

- **11 awards** (purchases of $500 to $1000 each)

- **Priority** given to proposals for mitigation activities; other earthquake preparedness activities can also be proposed

- **$500 and $1000 packages** of materials are listed, however you can also propose other items
Pre-Identified $500 and $1000 Options

Choose one of these packages (or you can propose other items to be purchased):

Step 1 “Secure Your Space” Materials
- Secure a School ($500 and $1000 options)
- Secure a Community Organization or Small Workplace ($500 and $1000 options)
- Secure 10 Living Spaces ($500)
- 20 Residential Home Fastening Starter Kits ($500)

Pre-Identified $500 Options

Choose one of these packages (or you can propose other items to be purchased):

Step 2 “Plan to Be Safe” Resources
- 1250 Your Neighborhood “shingle” workbooks
- 500 Rocket’s Earthquake Adventure storybooks (for children ages 3-9) (English and Spanish, or combo)
- 500 Rocket’s Earthquake Adventure activity books (for children ages 3-9) (English only)
- ShakeOut Awareness Materials
  25 sets of ShakeOut t-shirts, 2" buttons, and pens; 25 “Drop, Cover, and Hold On” 7" stickers; 200 2" ShakeOut stickers; and 1000 1" “ShakeOut Participant” stickers
Pre-Identified $500 Options

Choose one of these packages (or you can propose other items to be purchased):

Step 3 “Organize Disaster Supplies” Kits

- Community Organization / Small Workplace Supplies (2 options, each for 20 people)
- School Supplies (10 classrooms)
- Individual Supplies (20 people)

2021 ECA SoCal Mini Awards Timeline

- **November 13:** Application open for submissions
  - [www.earthquakecountry.org/socal](http://www.earthquakecountry.org/socal)
- **December 4:** Application deadline
- **December 18:** Notification made to all applicants
- **January 4:** Final acceptances and invoices due
- **January 31:** All purchases made and delivered
- **May 31:** Summary survey complete
- **Summer:** Mini Award recipients present at the ECA SoCal Regional Workshop
## Mini Awards 2020

1. **Laguna Beach CERT**, Laguna Beach - *Quake ready seniors*
3. **Watts Healthcare Corporation**, Los Angeles - *Earthquake Awareness Education for Patients*
4. **Community Emergency Response Team (CERT)**, Ridgecrest - *12 Ways To Prepare*
5. **Spring Knolls Emergency Response Team (SKERT)**, Murrieta - *Emergency Preparedness Storeroom*
6. **St Andrews Bungalows HOA**, Hollywood - *St Andrews Bungalows Disaster Resilience Project*
7. **Colby Regency HOA**, Los Angeles - *Residential Earthquake Preparedness*
8. **Naples Improvement Association**, Long Beach - *Naples Island Earthquake Preparedness Survey*
9. **Morongo Basin Community Organizations Active in Disasters**, Yucca Valley - *Help Yourself Help Your Neighbor*
10. **Bakersfield Parent Nursery**, Bakersfield - *School earthquake Preparedness*
11. **County of Inyo**, Independence - *Earthquake Preparedness Public Outreach-Map Your Neighborhood "Shingle" Workbooks*
12. **Palm Desert Charter Middle School**, Palm Desert - *S.O.S. Secure our School!*

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## Quake Ready Seniors

**Laguna Beach CERT**, Laguna Beach
Quake Ready Seniors
Laguna Beach CERT

• Who We Are
• What We Do
• Our Project for ECA Mini Award Program
• Our Quake Ready Seniors
• Thank You for this opportunity!
Who We Are
We are a group of civic-minded volunteers who are dedicated to the preparedness and safety of Laguna Beach residents, businesses, visitors and the support of our first responders.
Over 320 people have completed CERT training in Laguna Beach; each of them is more prepared for and aware of potential hazards in our community.
An active and energized core group of about 45 CERT volunteers regularly make time to join CERT activations and attend refresher training courses.
Since COVID-19 we have moved our training classes to a live online setting.

What We Do
Community Readiness Training & Certification
Awareness
Shelter
Traffic Management
Assist & Support LBPD, LBFD, Marine Safety & more

“Doing the greatest good for the greatest number of people”
OBJECTIVE

To help make our local seniors more earthquake-ready and resilient.

In partnership with our community senior center, we identified at-risk seniors whose homes were in need of earthquake safety devices (straps, bracing, cabinet latches).

We then helped the recipients to install these devices.

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Earthquake Kit Distribution

1. A free home assessment by a qualified professional.
2. Distributed 20 home fastening starter kits and instructions to volunteers for delivery and assistance with installation.
3. Volunteers then delivered and installed straps, bracing, cabinet latches and other earthquake safety products.
Quake Ready Seniors
Laguna Beach CERT

"On behalf of Laguna Beach Seniors, Inc. and our efforts behind Lifelong Laguna to keep seniors safe in their homes, thank you to the California Earthquake Country Alliance for making the earthquake safety kit grant available for our community. Our seniors’ homes are safer and they are more prepared now due to the earthquake safety kits. Thank you for selecting Laguna Beach CERT and the seniors in Laguna Beach to be recipients of these lifesaving installations. We look forward to continuing our partnership with the California Earthquake Country Alliance by participating in upcoming webinars and utilizing the resources that are continuously made available to the community. Keep up the great work!"

John Fay, Laguna Beach Seniors
Thank you for this opportunity to help make Laguna Beach seniors more prepared!

LAGUNA BEACH CERT BOARD
Jerry ‘Sonny’ Myers Director
Christopher Weidhaas Deputy Director
Susan Reese Graphic Arts/Newsletter
Shannon Martinez Social Media/Digital Media

LAGUNA BEACH SENIORS
John Fay Director

LAGUNA BEACH POLICE DEPARTMENT
Brendan Manning Emergency Operations Coordinator

Mini Awards 2020

Earthquake Preparedness

Rim of the World Unified School District, Lake Arrowhead
Thank You to Southern California Earthquake County Alliance For the Generous Grant
Seven Steps to Earthquake Safety

Step 1: Secure Your Space
Secure your space by identifying hazards and securing moveable items.

Step 2: Plan to be Safe
Plan to be safe by creating a disaster plan and deciding how you will communicate in an emergency.

Step 3: Organize Disaster Supplies
Organize disaster supplies in convenient locations.

Step 4: Minimize Financial Hardship
Minimize financial hardship by organizing important documents, strengthening your property, and considering insurance.

Step 5: Drop, Cover, and Hold On
Drop, cover, and hold on when the earth shakes.

Step 6: Improve Safety
Improve safety after earthquakes by evacuating if necessary, helping the injured, and preventing further damage.

Step 7: Reconnect and Restore
Restore daily life by reconnecting with others, repairing damage, and rebuilding community.

Step 1: Secure Your Space
Secure your space by identifying hazards and securing moveable items.
Step 1: Secure Your Space
Step 2: Plan to Be Safe

Triage Flag System

- Triage flag system, is a system using the colored flags to signal the need for assistance.
- Colored flags show local authorities the level of help needed at the site.
- School staff are responsible for assessing the students and request the need for help.
- The Green flag will signal Fire or Law Enforcement or other responders that no aid is needed.
- The Red Flag will signal any resource in the area stop and help.

Step 2: Plan to Be Safe

Communication

- Rim School District will always have a representative whose responsibility is to communicate information from the Incident Command Center. (Transportation dispatch)
- ROWUSD has mobile radio’s in all white fleet vehicles, buses, District Office and every school office.
- ROWUSD Incident Command Center is equipped with communications radio and antenna. All sites have handheld HAM radios checked out to key personnel and are all pre-programed with approximately 200 frequencies including USFS, Cal Fire, and County Fire.
Step 3: Organize Disaster Supplies
SeaLand Containers

Each individual site has their own containers with emergency supplies that include**:

- 16-55 gal Barrels drinking water
- 1-Bag Lime
- 4-Pair crutches
- 1-Step ladder
- 7-Drum pumps for water barrels
- 1-Siphon pump
- 6-Barrel wrenches
- 2-First aid station signs
- 1-Box glow sticks
- 5-Boxes black survival (25) student backpacks
- 2-Boxes (11) leg splints
- 2-Boxes first aid station
- 2-Boxes hard hats (20) Orange vests (20)

**Contents and quantity may vary by site

Step 3: Organize Disaster Supplies
Classroom Emergency Kits

4 - 3600 calorie food bars - 60 meals
1 - pail toilet with seat 6 - toilet bags
1 - roll of toilet paper
30 - moist wipes
1 - pair of vinyl gloves
### Step 4: Minimize Financial Hardship

#### Shelter on Our campus
- In case of an emergency each school site can be used for temporary shelter.
- Each site has 3 days of meals for every Staff and Student on campus.
- Sealand containers equipped with emergency rations and supplies.

#### Command Center
- The bus yard is the official command center for the district.
- This location allows access to Radio systems that link our buses to school sites and outside radio communications.

#### Members of JPA
- California Schools Risk Management

### Step 5: Drop Cover and Hold
Annual Participation in the Great Shakeout

Step 6: Improve Safety

- By maintaining communication with local authorities and first responders.
- Continue to increase and update supplies.
- Maintain open communication with community members and stakeholders to build an outstanding trusting partnership.
Step 7: Reconnect and Restore

Future Goals

Continue to grow our Emergency Preparedness Program by Partnering and Training with programs like California Earthquake Authority
Mini Awards 2020

Earthquake Awareness Education for Patients

Watts Healthcare Corporation, Los Angeles
Mini Awards 2020

12 Ways To Prepare

Community Emergency Response Team (CERT), Ridgecrest

DROP! COVER! HOLD ON!

www.citizencorps.gov/cert
RIDGECREST FARMERS MARKET

Making contact with the community to talk about earthquake preparedness. We passed out T-shirts and stickers to those that we spoke to about “Be Prepared, Not Scared” and showed the kids how to Drop!, Cover!, and Hold On!

SPOKE TO YOUNG COUPLES

We spoke to families about turning family game night into family preparedness night. Instead of playing board games make it a night of showing the kids how to actually open their bedroom windows and take the screens off. Everybody take a turn going out the window. Once everyone is outside go to your meeting place. Use the stopwatch on your phone to time how long it takes and see if you can beat your best time. Make it fun. While practicing that emergency plan so that they know how and what to do NOW, you are giving them the knowledge they need not to panic should an emergency happen.
THE GREAT CALIFORNIA SHAKE OUT

---

We spoke to many in the community about the Shake Out coming up on Oct. 15th. Last year on July 4th and 5th 2019, our city was hit with a 6.4 followed by a 7.1 earthquake and thousands of aftershocks. We are again experiencing some elevated aftershocks that have people concerned. We handed out information about getting prepared NOW, so they are ready for LATER. Our CERT Team is very active in getting our community prepared this was a wonderful opportunity to speak with our Ridgecrest Family. Thank you ECA Mini Awards.
Mini Awards 2020

Emergency Preparedness

Spring Knolls Emergency Response Team (SKERT), Murrieta

Neighbor Straps an Aquarium!
And a Bookcase

Another Neighbor’s Desk
Hanson’s Curio Cabinet

Fasteners
Bar Cabinet

SeismoLatch Fasteners
Mini Awards 2020

St Andrews Bungalows Disaster Resilience Project

St Andrews Bungalows HOA, Hollywood

Emergency Supplies for Historic Hollywood community
St Andrews Bungalows

16 sfh inside gated community in east Hollywood

Trivia: 100yo bungalows on Natl Register of Historic Places and location of 2007/2009 Alvin & Chipmunks movies (20th Century Fox)

Hazard/Risk Assessment

Determined two significant issues exist in my new Hollywood neighborhood:

1) Close proximity (4 blocks) to Hollywood Fault which is capable of Mag 6 quake
2) General Lack of awareness of buried high pressure natural gas pipeline ½ block away under Sunset Blvd
Risk Assessment Uncovered Two Potential Hazards

This map has been provided at a 1:24,000 scale and as a single county extent per the parameters provided by PHMSA for publically viewing of gas facilities (Federal Register Vol. 81, No. 120, June 22, 2016).
Mini Award
Provided emergency backpacks to each bungalow since analysis revealed <10% households had emergency supplies on hand. Most weren’t aware of the importance of obtaining emergency supplies ahead of time.

Social distancing guidelines due to pandemic prompted me to provide a written letter with instructions along with backpack (in lieu of face-to-face meetings)
Lesson Learned

1) Assume <10% of households around you are prepared to help either themselves or others in a major emergency.

1) Don’t assume neighbors are aware of potential hazards around them.

Mini Awards 2020

Residential Earthquake Preparedness

Colby Regency HOA, Los Angeles
Colby Regency HOA
Earthquake ECA SoCal
Grant

prepared by Siavash Dejgosha
November 2020

Informing Residents

- HOA Meeting
  - Explained each item
- Bulletin in lobby
  - QR code to request form for more technically advanced people
  - Phone and knocking on door for others
- Emails
  - Link to request form
Distribution

- Google Form to track requests and organize
- Distribution and pickup
- Follow-up emails to ask about progress

Dear Residents:

June 15, 2020

The board has applied for and been awarded a $500 earthquake preparedness grant from the Earthquake Country Alliance of Southern California. The ECA SeCoAL is a statewide public-private partnership working together to improve earthquake preparedness, mitigation and resilience.

The grant provides kits that help prepare and protect your condo during an earthquake.

As a reminder, the HOA maintains a master earthquake insurance policy with a 10% deductible (~$50,000 deductible per unit). The board recommends individual owners to have their own personal earthquake insurance to cover the unit interior and reduce the financial exposure from the deductible.

Regards,

Colby Board

Distribution Process
1) Please sign up here: https://forms.gle/kZQSsCPxkQoEwaA
2) Kits will be delivered to your unit front door after the board receives them.
3) Kits must be installed at 1439 Colby and we require evidence that they've been used by September 15, 2020. Send an email with photos of installation to colbyboard@email.com indicating your unit number by them. If you are unable to install them, please return the unused kit.

Questions
- I'm a renter, can I still get a kit?
  Yes, kits are for residents of the building.
- I'm a non-resident owner, can I install the kit where I live that's not in the building?
  No. Unfortunately, the kit is to be installed at this building.

Regrets,

Colby Board

Colby Regency Earthquake Kit Request

The board has applied for and been awarded a $500 earthquake preparedness grant from the Earthquake Country Alliance of Southern California (https://www.earthquakecountryalliance.com). The ECA SeCoAL is a statewide public-private partnership of people, organizations working together to improve earthquake preparedness, mitigation, and resilience.

The grant provides kits that help prepare and protect your condo in case of an earthquake. We expect to receive the kits in the next two weeks and will be distributing them, beginning next week.

As a reminder, the HOA maintains a master earthquake insurance policy with a 10% deductible (~$50,000 deductible per unit). The board recommends all individual owners to have their own personal earthquake insurance to cover the interior of their units and reduce the financial exposure from the deductible.

Regards,

Colby Board

Requestor Information

- Unit Number
  - Unit number in the building, e.g. 306
  - Your answer

- Email Address or Phone Number
  - Used only to confirm delivery or cancellation.
  - Your answer

- Status
  - If you are a renter, ask the owner to email colbyboard@email.com with permission to pick up, or your request will be cancelled.
  - Owner
  - Renter

- Delivery Time Preference
  - Kits will be distributed on a first-come first-served basis until they run out. A text or email to the contact information provided above will be sent after delivery.
  - Morning: Between 7:30 AM and 12:00 PM
  - Evening: Between 7:00 PM and 7:30 PM on a Monday
Products in Use

Positives

- We developed new convenient ways of distribution and information
  - QR code
  - Google Forms
  - Zoom meetings
- Higher awareness of earthquake risks and mitigations
Problems

- COVID made attendance at our HOA meeting low (5 people)
- Residents did not know how to use items or needed help
  - due to COVID precautions, we did not want to encourage in-person meeting to help
- Items did not come with many instructions
- Not all kits were distributed (5 remaining)
  - We'll try again at the first non-COVID HOA meeting

Mini Awards 2020

Naples Island Earthquake Preparedness Survey

Naples Improvement Association, Long Beach
Mini Awards 2020

Help Yourself Help Your Neighbor

Morongo Basin Community Organizations
Active in Disasters, Yucca Valley
What is Hazard Mitigation?

- **Hazard mitigation** is defined as any sustained action taken to reduce or eliminate long-term risk to life and property from *natural hazard* events.
- This is an on-going process that occurs before, during, and after disasters and serves to break the cycle of damage in *hazard-prone* areas.

**MITIGATE HAZARDS**
Hazard Mitigation Grant Program (HMGP) Overview

• Goal:
  – To implement mitigation measures that reduce loss to life and property from future disasters

• Projects must implement long-term stand-alone risk reduction strategies

• Creation of or updating current single jurisdiction or multi-jurisdiction Local Hazard Mitigation Plans (LHMP)

Where does HMGP come from?

1. Major disaster declaration is first approved by the POTUS
2. Damages are assessed and valued
3. As an Enhanced State, Cal OES will receive 20% of the total eligible damages to put towards HMGP projects
4. Funding is allocated to the State (Cal OES) by FEMA, then to local jurisdictions when projects are approved

Example:
Eligible Disaster Damages = $100M

- Planning Project Category = $1.4M (7%)
- Initiative Project Category = $1M (5%)

HMGP Total Available = $20M (20%)
Cal OES HMA Priority List
(In Order of Importance)

1. Local Hazard Mitigation Plans (LHMP)
   I. New LHMPs or updates to LHMPs that will expire within 24 months
   II. All other LHMP updates

2. Shovel ready projects with a high level of design that can begin construction within 90 days of FEMA approval, in declared counties.

3. Shovel ready projects with a high level of design that can begin constructions within 90 days of FEMA approval, in all other counties.

4. Whole community risk reduction/large critical infrastructure projects
   I. Wildfire risk reduction will receive higher prioritization
   II. All hazard types eligible

5. Wildfire projects in DR-4558 declared counties

6. All hazard type projects in DR-4558 declared counties

7. Wildfire projects in any county

8. All hazard type projects in any county

9. Planning related activities

10. Five percent (5%) Initiative projects

Fire Mitigation Project Types
Related to Before & After Effects of Wildfires

- Ignition-resistant construction
- Defensible space measures
- Hazardous fuels reduction
- Flood diversion and storage
- Replanting/reforestation
- Drainage improvements
- Soil stabilization
- Erosion control
Post-Wildfire Mitigation

- Soil stabilization measures
- Erosion control
- Flood control and drainage improvements
- Storm water management
- Increase debris basin capacity
- Removal of standing burned trees
- Replacement of burned/contaminated water systems
- Installation of warning signs
- Noxious weed prevention

Wildfire Mitigation

- Hazardous fuels reduction/vegetation management
  - Within two miles of improved property or critical infrastructure/facilities
- Defensible space
  - Public facilities and infrastructure
  - Private property defensible space programs
- Ignition resistant construction
  - Public facilities
  - Private property programs (eave vents, fire resistant roofing, fire resistant siding)
Green Solutions to Mitigation

- Building Community Resilience with Nature-Based Solutions
  - Flood diversion and storage
  - Floodplain and stream restoration
  - Aquifer storage and recovery
  - Green Infrastructure
- Climate Adaptation Projects
  - Sea level rise
  - Green space for Wildland Urban Interface (WUI) areas

Building Community Resilience with Nature-Based Solutions

- Floodplain and stream restoration
- Aquifer storage and recovery
- Flood diversion and storage
- Green infrastructure
Other Eligible Project Types

- Localized/Non-localized flood risk reduction
- Structural retrofitting of existing buildings
- Post-disaster code enforcement
- Floodplain/stream restoration
- Aquifer storage and recharge
- Flood diversion and storage
- Elevations and acquisitions
- Infrastructure retrofitting
- Critical facility generators
- Mitigation reconstruction
- Drainage improvements
- Green infrastructure
- Culvert upsizing
- Floodproofing
- Flood control

5% Initiative

- Project types that cannot be evaluated using traditional cost effectiveness methodologies
- 5% relates to the percentage of total HMGP funds made available for these project types
- Must be consistent with goals and objectives of State mitigation plans
- Must meet all HMGP eligibility requirements
- Benefit Cost Analysis (BCA) not required
  - BUT a narrative of cost effectiveness is required
- 5% Wildfire Examples: Early Warning Systems, LiDAR, Risk/Hazard Identification and Mapping
Most Common 5% Initiative Projects

- Earthquake Early Warning System
- Critical Facility Generators

Ineligible Activities

- Projects for which actual physical work has occurred prior to approval and obligation
- Projects that do not implement a long term stand alone risk reduction strategy
- Projects contingent upon another project or action to be effective
- Projects that cannot be completed within 36 months
- Studies or investigations
Ineligible Activities

- Emergency response activities or equipment (e.g. fire engines)
- Flood control projects related to the repair or replacement of dams and other flood-control structures
- Projects that address the operation, deferred/future maintenance, rehabilitation, restoration, or replacement of existing structures, facilities, or infrastructure, without increasing the level of protection

Eligibility Requirements

- Eligible Subapplicants:
  - State Agencies
  - Local Governments: Counties, cities, towns, etc.
  - Special Districts
  - Federally Recognized Tribes
  - Private Nonprofit Organizations (PNPs)
Eligibility Requirements

- **MUST** have a FEMA-approved and adopted Local Hazard Mitigation Plan (N/A to PNPs)
- 75% Federal Share / 25% Local Cost Share
  - Cal OES does not contribute to the local cost share requirement for HMGP
- 36 month Period of Performance (POP)
  - Begins once the project is approved by FEMA
- Obtain environmental clearances under California Environmental Quality Act (CEQA)
- **NO CONSTRUCTION PRIOR TO APPROVAL**

For more information...
Funding Limitations

• No funding limit for project subapplications

• Funding limitations for planning subapplications:
  - Single Jurisdiction Local Hazard Mitigation Plans:
    - $150,000
  - Multi-Jurisdiction Local Hazard Mitigation Plans:
    - $250,000

Notice of Interest (NOI)

• NOI period:
  - Open until December 31st

• Funding available for:
  - All eligible project types
  - 5% Initiative
  - Plans
  - Planning-related projects

• Visit our website:
  - Cal OES HMGP Website
Subapplication Development and Benefit-Cost Analysis Workshops

• Workshops offering training and assistance regarding HMGP subapplications and FEMA Benefit Cost Analysis (BCA) tool for jurisdictions with approved NOIs
• Dates, times, and locations to be determined
• Stay tuned for more information on our website

Additional Funding Opportunities

• Available Fall 2021
• Building Resilient Infrastructure & Communities (BRIC) and Flood Mitigation Assistance (FMA)
• Annual appropriations from Congress
• Competitive nationwide
• Notice of Funding Opportunity (NOFO)
• All subapplications submitted online
• Visit our website for more information:
  • http://www.caloes.ca.gov/hmgp
Questions?
Contact us at

HMA@CalOES.ca.gov
Hazard Mitigation Funding Opportunities
Anthony Roggio (Cal OES)

What’s Next?

- What activities/resources are you planning for 2021?
- How are you addressing continued COVID-19 challenges?
- What should ECA SoCal plan/provide in 2021?

Breakout room facilitators: Please take notes or copy/save your chat window and email to socal@earthquakecountry.org
Breakout Group Discussion

Brief Reports

If an idea was already said, say something new

Announcements

Short Announcements
Connect with ECA SoCal

- EarthquakeCountry.org/socal
- socal@earthquakecountry.org
- Terremotos.org
- Twitter.com/eca
- info@earthquakecountry.org