Earthquakes TOO?

Best practices for higher education response to simultaneous disasters during COVID-19 (and How to Adapt Your ShakeOut Drill)







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Today's Webinar Team



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Earthquake Country Alliance

- 1500+ 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

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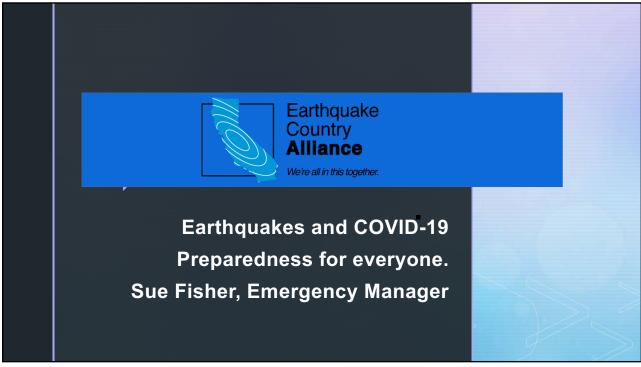
ECA Sector-Based Committees

- K-12 Schools
- Higher Education
- Seniors and People with Disabilities
- Museums, parks, libraries, etc.

- Business
- Non-Profit & Faith-Based Organizations
- Multi-Cultural
- Public Sector
- Healthcare

Learn more and join: EarthquakeCountry.org/committees





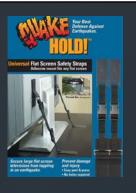
7 Steps to Earthquake Preparedness—Plus!



- 1. Secure your space
- 2. Plan to be safe
- 3. Organize disaster supplies
- 4. Minimize financial hardship
- 5. Drop, Cover, Hold On
- 6. Improve safety
- 7. Reconnect and Restore
- --- COVID-19 requires some additional considerations.







1. SECURE YOUR SPACE

During COVID, or any time, do not delay this step!

- 1. Secure items where you live or frequent.
- 2. Ensure exits and pathways will remain clear.
- 3. Learn how to evacuate every building you frequent.
- 4. Provide signage for rescuers.

2. PLAN TO BE SAFE

Learn techniques and add plans for:

- 1. Efficient hand cleaning 2. Donning face coverings and masks
- 3. Ways to create social distancing when possible
- 4. Infection concerns in the Communication plan
- 5. Addition precautions during transportation
- 6. What considerations would "temporary housing" need

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3. ORGANIZE SUPPLIES

Additional (or larger quantities) of certain supplies

- Hand sanitizer
- Soap
- 3. Gloves
- 4. Face coverings (dust masks, bandanas)
- 5. Note pads or additional methods to aid in communications

Keep hand sanitizer, gloves and masks with you!



4. MINIMIZE FINANCIAL HARDSHIP

Earthquakes can severely interfere with access to finances.

- 1. COVID situations may add more limitations.
- 2. Financial aid disrupted.
- 3. Alternative payments to regular caretakers.
- 4. Alternatives to services and payment methods.
- 5. Investment in retrofitting your living spaces, or consider cost to secure temporary housing.

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5. DROP, COVER, AND HOLD ON



Regardless of the COVID situation...

DROP, COVER and HOLD ON

- 1. Do whatever PROTECTS YOUR HEAD.
- 2. Avoid falling.
- 3. Lock wheels of a wheelchair, or walker.
- 4. Holding on to anchored object.
- 5. If there's time, move to a safe spot.



6. IMPROVE SAFETY (Possibly Evacuate)

Leaving your location may be necessary, so consider:

- 1. Have WRITTEN instructions to evacuate you and any essential supplies or equipment.
- 2. Have a wheelchair? Provide instructions on how to move it.
- 3. Note who touches you or your things.
- 4. Ask others to wear face coverings, too.
- 5. Try to maintain Social Distancing, as you help one another, or assembly in evacuation areas.

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7. Reconnect, Restore

Factors that could disrupt, delay:

- 1. Required quarantine or hospitalization
- 2. Required isolation, if potentially infected



Seek social services agencies or support groups to help:

- 1. County or State Health Agencies
- 2. Community or volunteer organizations
- 3. Additional family and friends



Questions?
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Q&A Break

The recording and materials from today's Webinar will be available at <u>EarthquakeCountry.org/highereducation</u>







we re all in this together

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Great ShakeOut Earthquake Drills

- Schools, organizations, and families practice earthquake safety (Drop, Cover, and Hold On) and other aspects of their emergency plans
- 2019: 67.9 million people worldwide
 21.9 million nationwide
 10.8 million California
 (record #s in many other states too
- 2020 International ShakeOut Day:October 15
- Learn more and register: ShakeOut.org





Social Science Research Basis for ShakeOut

People Get Motivated to Prepare When:



- They see and hear consistent information about what to do frequently, in many forms, and from many sources
- They see others like themselves getting prepared
- They talk about preparedness with people they know
- They learn potential consequences, and how to avoid them

Based on research results of Mileti, D., Wood, M., Bourque, L., and others

ShakeOut puts these findings into practice

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Step 5: Drop (or Lock), Cover and Hold On

- When the earth shakes, act immediately
- Protect yourself from falling to the ground, or from falling objects



EarthquakeCountry.org/step5

Why Drop, Cover, and Hold On?

- Strong consensus for many years, based on data for how people are injured, and experience of Urban Search and Rescue firefighters
- Prevents being thrown to the ground
- Reduces injury from falling or flying items... including structural elements and exterior façades (brick, glass, etc.)
- Increases chance of surviving collapse



Classroom in Calexico, CA April 2010 M7.2







EarthquakeCountry.org/step5

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Why Drop, Cover, and Hold On?

Adapt Your Response Protect Yourself During Earthquakes! If you can't get back up, don't get down Bend over and cover your head and neck with your arms/hands Instruct others how to assist you Practice is key EarthquakeCountry.org/disability Protect Yourself During Earthquakes! USING COVER! HOLD ON! USING WALKER US

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In most situations and building types:

DROP! COVER! HOLD ON!

Drop on to your hands and knees, where you are

See EarthquakeCountry.org/step5 for advice for a variety of settings



In *most* situations and building types:







Cover your head and neck with one arm and hand.

- If a sturdy table or desk is nearby, crawl underneath it for shelter
- If no table/desk, crawl against a wall or next to low furniture for sideways protection



See EarthquakeCountry.org/step5 for advice for a variety of settings

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Know How to Protect Yourself

In *most* situations and building types:









Hold On to your shelter until shaking stops

- Be ready to move with your shelter
- If not under a shelter, hold on to your head/neck with both arms and hands



See EarthquakeCountry.org/step5 for advice for a variety of settings

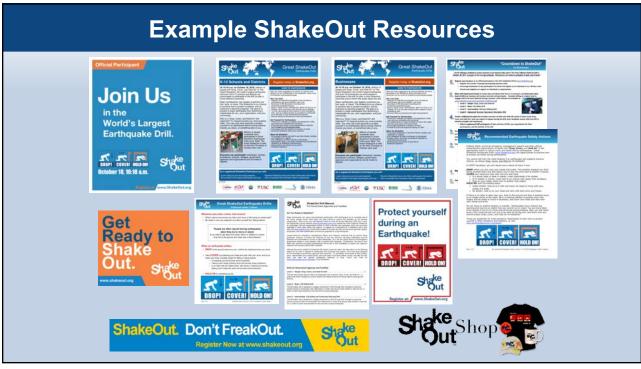








- indoors, nearby table/desk
- indoors, no table/desk
- theater/stadium
- near the shore
- in a car
- in bed
- people with mobility disabilities
- View at Youtube.com/greatshakeout
- Download at www.ShakeOut.org/messaging



Healthcare ShakeOut Resources

- ShakeOut Manual for Healthcare Organizations
- CMS Emergency Preparedness Rule Requirements FAQ
- Other resources for planning and promoting your drill/exercise



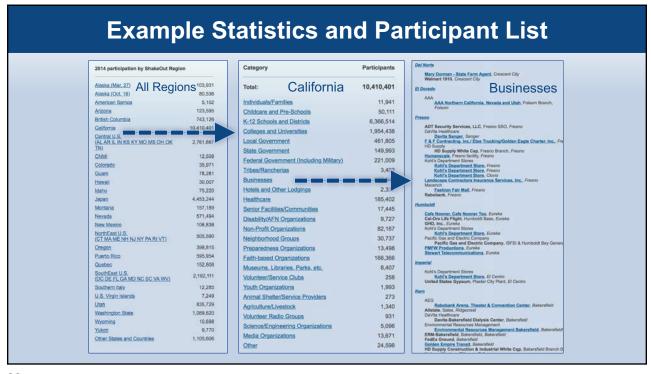
ShakeOut.org/healthcare

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Benefits of Registering

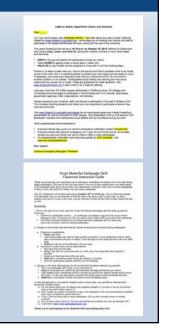


- Be counted in the world's largest earthquake drill
- · Be updated with news and safety tips
- Be listed with other participants
- Be an **example** that motivates others
- Have peace of mind that you have taken action and helped others
- Be better prepared to survive and recover!



Higher Education ShakeOut Registration

- Students and staff aren't always on campus each day or not always in class, so
 we know a simultaneous drill is a challenge.
- To register your *entire campus population* for ShakeOut, we ask that you:
 - Use e-mail, social media, or your campus alert system to notify faculty, staff, and students that your school will be participating in the <u>ShakeOut Drill</u>
 - Example messages, email announcements, videos, etc. are at ShakeOut.org/highereducation and ShakeOut.org/messaging
 - Invite everyone to "Drop, Cover, and Hold On" at 10:15 a.m. on 10/15
 (or whatever day/time your school is holding its ShakeOut drill)
 Wherever they are (class, lab, office, dorm, bookstore, home, traveling...)
 - Instructor guides and a 5-slide presentation for leading 10-minute drills are at ShakeOut.org/highereducation
 - Encourage everyone to improve their preparedness for all emergencies
 - · Include your school's emergency information in your email



Earthquake Drills in 2020

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

So choosing alternative times for your ShakeOut drill each year is good practice!

• Earthquakes likely will not happen when everyone is on campus

So encourage participation no matter where people are (campus, home, traveling...)

 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!

During classes, during department faculty or staff meetings, etc.

- Provide ample space between people at all stages. Wear masks and other personal protective equipment in addition to regular hand-washing.
- Have a back-up ShakeOut date in case of any other unexpected events.

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ShakeOut Higher Education Drill Slides

- 5 slides:
 - Very basic ShakeOut overview
 - What to do (Drop, Cover, and Hold On)
 - · Guidance for people with disabilities
 - 1-minute audio file to play
 - Discussion questions
- Made for drills during classes; can also be for staff meetings
- Download from <u>www.ShakeOut.org/highereducation</u>
- The next 5 slides...

Great ShakeOut Earthquake Drills



Earthquakes are unpredictable and may happen where you live, work, or travel.

Most injuries in earthquakes are from falling or flying objects.

Today we are joining millions of people worldwide who are practicing how to be safe during earthquakes

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People get injured by falling objects and when they try to run, which is why we will practice **Drop**, **Cover**, and **Hold On**:

In a CLASSROOM OR AUDITORIUM:

- **Drop** to the floor where you are.
- Cover your head and neck with one arm/hand.
- Nearby tables or desks: crawl underneath and Hold On to your shelter with your free hand.
- Rows of chairs: get between the rows and Hold On to a chair with your free hand.
- <u>Alternative</u>: get next to a wall with no windows and cover your head and neck with both arms/hands.

In a LABORATORY:

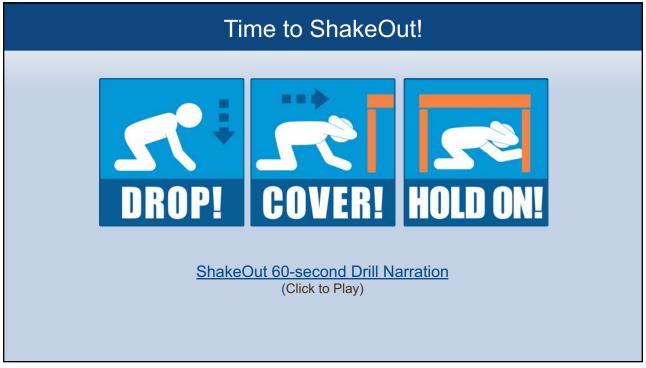
- Step back from the lab table.
- **Drop** to the floor on your knees next to a wall, away from glass and other hazards if possible.
- Cover your head and neck with your hands and arms.
- · Hold On to something sturdy if possible.

After Shaking Stops:

- · Wait a minute for everything to settle.
- Before getting up, look around for hazards (including above and behind you)
- · Carefully exit the building if instructed.







Discussion Questions

- If you were at home during an earthquake, what might fall on you?
 Can you move those items or secure them so they won't cause injury?
- 1. Do you always keep your cell phone and computer charged? If you have a car, do you always keep the gas tank at least half full?
- 2. How would you contact your family in case of an emergency? Do you have a plan for checking in with one another and responding to emails/texts/etc.?
- 3. ATMs may be offline after a major earthquake. How long can you live on the money you have right now?
- 4. Do you know what "check in" services and hotlines are available for your use through our school?

Learn more at www.EarthquakeCountry.org

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Connect with ShakeOut and ECA

- ShakeOut.org
- info@shakeout.org
- Twitter.com/ShakeOut
- EarthquakeCountry.org
- info@earthquakecountry.org
- Twitter.com/eca



#ShakeOut





The recording and materials from today's Webinar will be available at <u>EarthquakeCountry.org/highereducation</u>







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Thank You!

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