



Free  **Webinar**

**BUILDING ACCESS & FUNCTIONAL NEEDS
PLANNING
INTO YOUR GREAT SHAKEOUT
EARTHQUAKE DRILL**

**SEPTEMBER 13, 2023
11:00 AM - 12:30 PM PST**



Connect Consulting Services
Emergency Preparedness
Planning | Training | Exercises

Asking Questions During the Go To Webinar

WELCOME!

GoTo Webinar Logistics

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Control Panel features

"Grab tab": click on the arrows to open/close control panel throughout the presentation.

How to ask a question

Type a question for presenters into the text box at the bottom of the question pane and hit "SEND"



Frequently Asked Questions

?: Are the slides available after the presentation?

A: The slides are attached as a handout

?: Can I get the recording?

A: You can request a copy of the recording or view the playback



Webinar Agenda

- Welcome + CMS Emergency Preparedness Requirement Review- Nora O'Brien
- Importance of inclusive exercise planning- Vance Taylor, CalOES
- Exercise design, conduct, and evaluation- Nora O'Brien
- ShakeOut overview & resources & registration, accessibility guidance/resources that are available- M Benthien, ECA
- Inclusive planning for your Shake Out drill- M Benthien, ECA
- Q & A



BIO: Connect Consulting Services Nora O'Brien, MPA, CEM, Founder and CEO



Connect Consulting Services
Engage | Prepare | Recover



- Founded Connect Consulting Services in 2009
- Masters Degree, Public Affairs, Disaster & Emergency Management
- Certified Emergency Manager by the International Association of Emergency Managers (IAEM)
- FEMA Adjunct Instructor teaching the Advanced Public Officer Course and FEMA Basic Academy Course
- Lead H1N1 and COVID-19 Pandemic Response, wildfires, hurricane responses
- Named 2018 Sacramento SBA- Woman-Owned Business of the Year and 2021 Small Business of the Year
- Lead a team of 35+ EM planning and training professionals



Core CMS Emergency Preparedness Requirements

Conduct

- Conduct an annual risk assessment (HVA) and develop an emergency plan
- Annual review and authorization of Emergency Plans

Develop

- Develop Policies and Procedures
- Evacuation
- Shelter in Place
- Medical Documentation
- Use of Volunteers

Create and maintain

- Create and maintain a Communications Plan

Develop

- Develop an Emerging Infectious Disease Response Plan

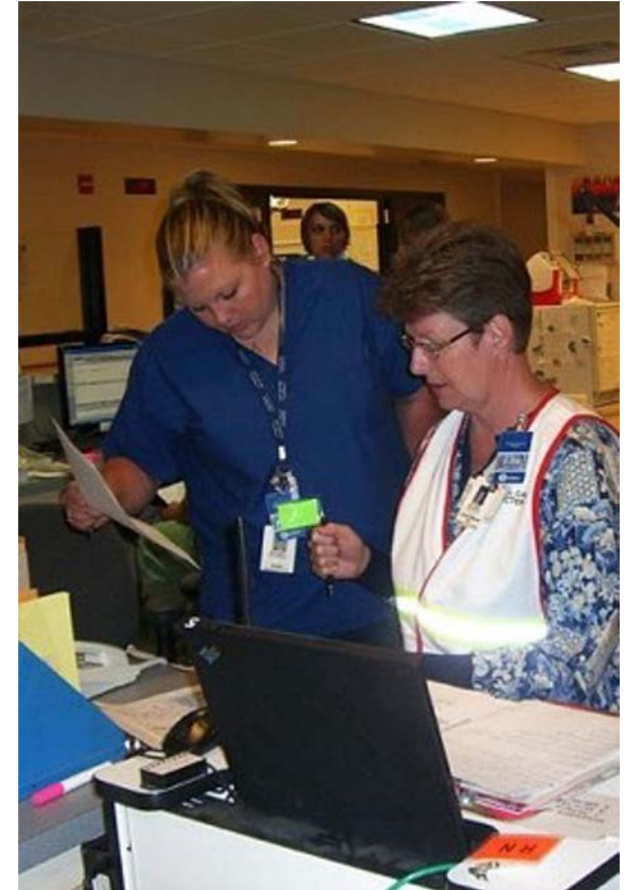
Conduct

- Conduct Staff Training and Plan Testing
- Training to include EP plans, procedures and protocols annually
- One to two exercises annually, facilities choice



What are the Benefits of Earthquake-Related Exercises To Your Agency?

- Meets Accreditation and Regulatory Requirements for CMS and TJC.
- Complies with Grant Requirements
- Earthquakes are often identified in organization's HVA /risks assessments.
- Assess and Improve Emergency your organization's Preparedness for Earthquakes



Earthquake-Related Exercise Planning Considerations

What do you want to improve?

- Look at earthquake on your Hazard Vulnerability Analysis
- Test recent earthquake training or evacuation equipment
- Look at staff, patient and visitor safety
- Communications
- Hospital Incident Command System (HICS) Tools
 - Earthquake Incident Response Guide and Planning Guide
 - Job Action Sheets
 - ICS Forms
- CMS Emergency Preparedness Rule
- The Joint Commission Six Critical Elements
- National Incident Management System (NIMS) Objectives for Healthcare



Key Emergency Management Terms

- **Earthquake:** An earthquake is the shaking of the surface of the earth resulting from a sudden release of energy in the Earth's interior, usually by sudden movements along fault lines. This movement releases energy that moves as seismic waves. It can range in size between many orders of magnitude and is commonly given as a number on the Richter scale.

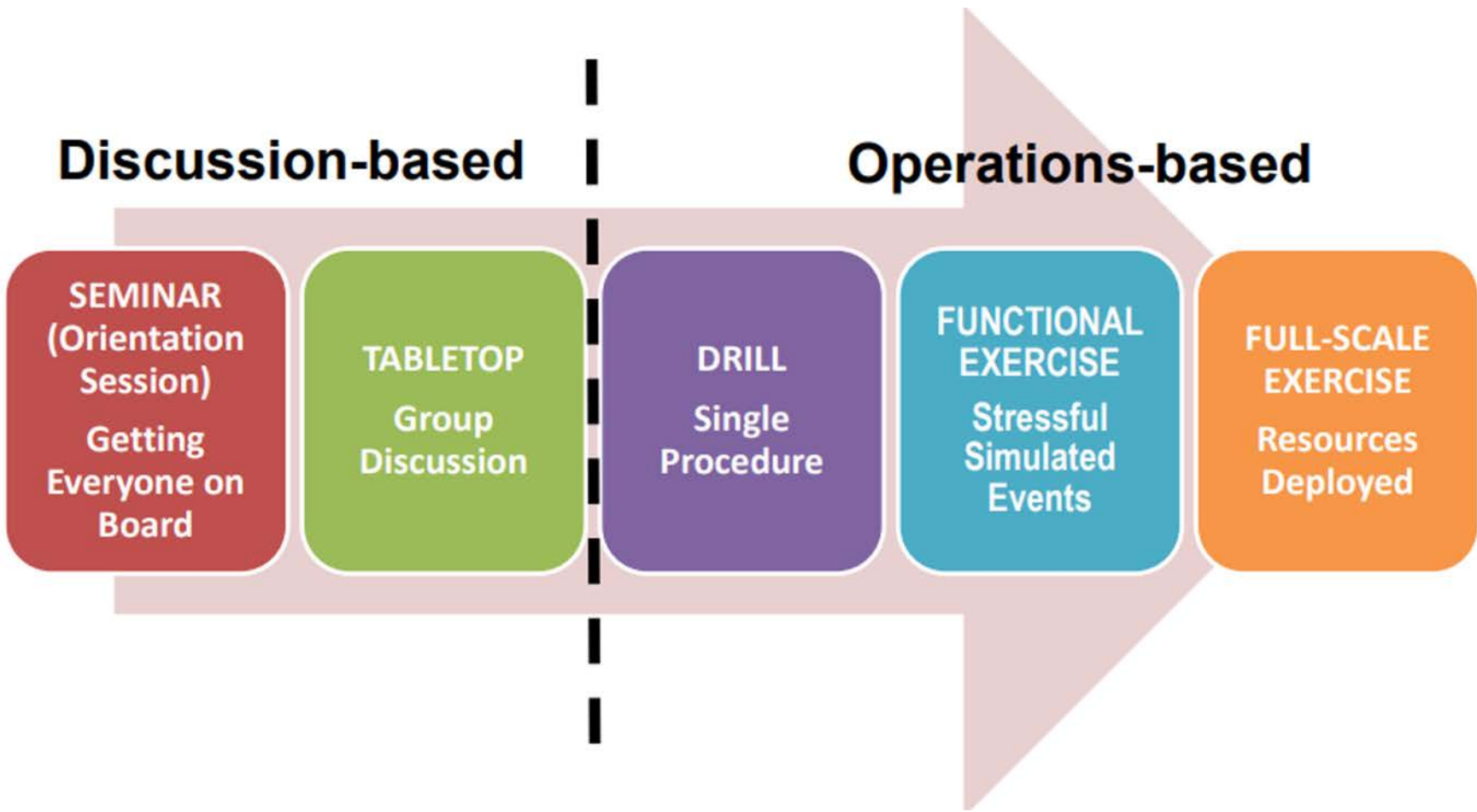


Key Emergency Management Exercise Terms

- **Discussion Based Exercises:** Discussion-based exercises are normally used as a starting point in escalating exercise complexity. Discussion-based exercises include seminars, workshops, tabletop exercises (TTXs), and games.
- **Operations Based Exercises:** Operations-based exercises are hands on. They are used to validate the plans, policies, agreements, and procedures solidified in discussion-based exercises. Operations-based exercises include drills, functional exercises (FEs), and full-scale exercises (FSEs).



Types of Disaster Exercises: Typical Exercise Flow



Types of Disaster Exercises: Discussion Based

- These types of exercises typically highlight existing plans, policies, interagency/inter-jurisdictional agreements, and procedures.
- Discussion-based exercises are valuable tools for helping agencies and personnel with current or expected capabilities of an entity.
- Facilitators and/or presenters usually lead the discussion, keeping participants on track toward meeting exercise objectives.



Types of Disaster Exercises: Discussion Based - TTX

- **Tabletop Exercises (TTX)** are discussion-based sessions where team members meet in an informal, classroom setting to discuss their roles during an emergency
- A facilitator leads the session and guides participants or “players” through a discussion of one or more scenarios.
- The duration of a TTX depends on the audience, the topic being exercised and the exercise objectives. Many tabletop exercises can be conducted in just a few hours, so they are cost-effective tools to validate plans and capabilities.



Types of Disaster Exercises: Operations Based

- **Operations-Based Exercises** are characterized by actual response to emergency conditions; reaction to simulated intelligence; mobilization of apparatus, resources, and/or networks; and commitment of personnel, usually over an extended period of time. There are various types of Operations-Based Exercises:
 - **Drills:** A drill is a coordinated, supervised activity usually employed to validate a single, specific operation or function in a single agency or organizational entity. Drills are commonly used to provide training on new equipment, develop or validate new policies or procedures, or practice and maintain current skills.



Types of Disaster Exercises: Operations Based FEX

- **Functional Exercises:** A Functional Exercise (FE) is a fully simulated, interactive exercise that tests the capability of an organization to respond to a simulated event by testing various functions of a plan, policy, or procedure.
- An FE is designed to validate and evaluate these capabilities and functions through an interactive exercise scenario with event updates that drive activity at the management level.
- An FE simulates real operations in a functional area by presenting realistic problems that require rapid and effective responses in a simulated, time-constrained environment.



Types of Disaster Exercises: Operations Based FX

- **Full-Scale Exercise:** A Full-Scale Exercise (FSE) is the most complex type of exercise. FSEs are multi-agency, multi-jurisdictional, multi-organizational exercises that validate many facets of preparedness. They focus on implementing and analyzing the plans, policies, procedures, and cooperative agreements
- In FSEs, the reality of operations in multiple functional areas presents complex and realistic problems that require critical thinking, rapid problem solving, and effective responses by trained personnel.
- FSEs are conducted in real time, creating a stressful, time-constrained environment that closely mirrors real events and may include participants as actors.



Vance Taylor, Chief of the Office of Access & Functional Needs, California Governor's Office of Emergency Services



vance.taylor@caloes.ca.gov



Access and Functional Needs Definition

- CalOES OAFN is to identify the needs of individuals with disabilities and others with access or functional needs before, during, and after disasters and to integrate them into the State's emergency management systems
- I.e., people with disabilities, older adults, children, limited English proficiency, low- income individuals, and/or transportation disadvantaged
- Also referred to at risk, vulnerable populations, and/or special needs



Bio: Vance Taylor, Chief of the Office of Access & Functional Needs, California Governor's Office of Emergency Services



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES



- Is responsible for ensuring the needs of individuals with disabilities and persons with access or functional needs are identified before, during and after disasters and integrated into the State's emergency management systems.
- He was diagnosed with muscular dystrophy as a child and uses a power wheelchair.
- Has worked in Washington, D.C. as an advisor for two different members of Congress
- Directed security policy at a national water association
- He is a nationally recognized public speaker and advocate for individuals with disabilities.
- He has a Master's degree in homeland security from the University of Connecticut and an undergraduate degree from Brigham Young University in communications.



Access and Functional Needs Planning Resources



Great Shake Out Earthquake Drill: After Action Reporting & Improvement Planning



CalOES Access & Functional Needs (AFN) Resource Library



- Hundreds of AFN planning templates, resource guides, guidance documents, videos, tools, and training to support both public and private sector agencies and organizations across the globe including many resources in multiple languages
- [Connect Consulting Services](#) is maintaining the CalOES AFN Library
- Access the [CalOES Access & Functional Needs \(AFN\) Resource Library](#)
- [Shakeout Access and Functional Needs Shakeout Resources](#)
- Whether you're looking for information on effective communication, sheltering or integration; you can find it in the CalOES AFN Library. If you would like to contribute information resources for inclusion to the library, please contact us at OAFN@caloes.ca.gov



Questions?



Earthquake Exercise Design

Decide Earthquake Scenario *based on your objectives:*

Sets the scene so the exercise can begin

How big?

How far from the Epicenter?

Any damage?

Participants?

Documentation?



Building the Scenario: How Far is Your Facility From the Epicenter?



- Building the Scenario: How Far is Your Facility From the Epicenter?
- You can use existing fault lines or create your own fictional one for the exercise



Building The Scenario: Planning Considerations of The Earthquake Exercise



- Structural Damage
- Loss of Utilities
 - Water
 - Gas
 - Medical Gas
 - Electricity
- Transportation
- Injuries
- Telephone and Cell Towers
- The list goes on and on.....

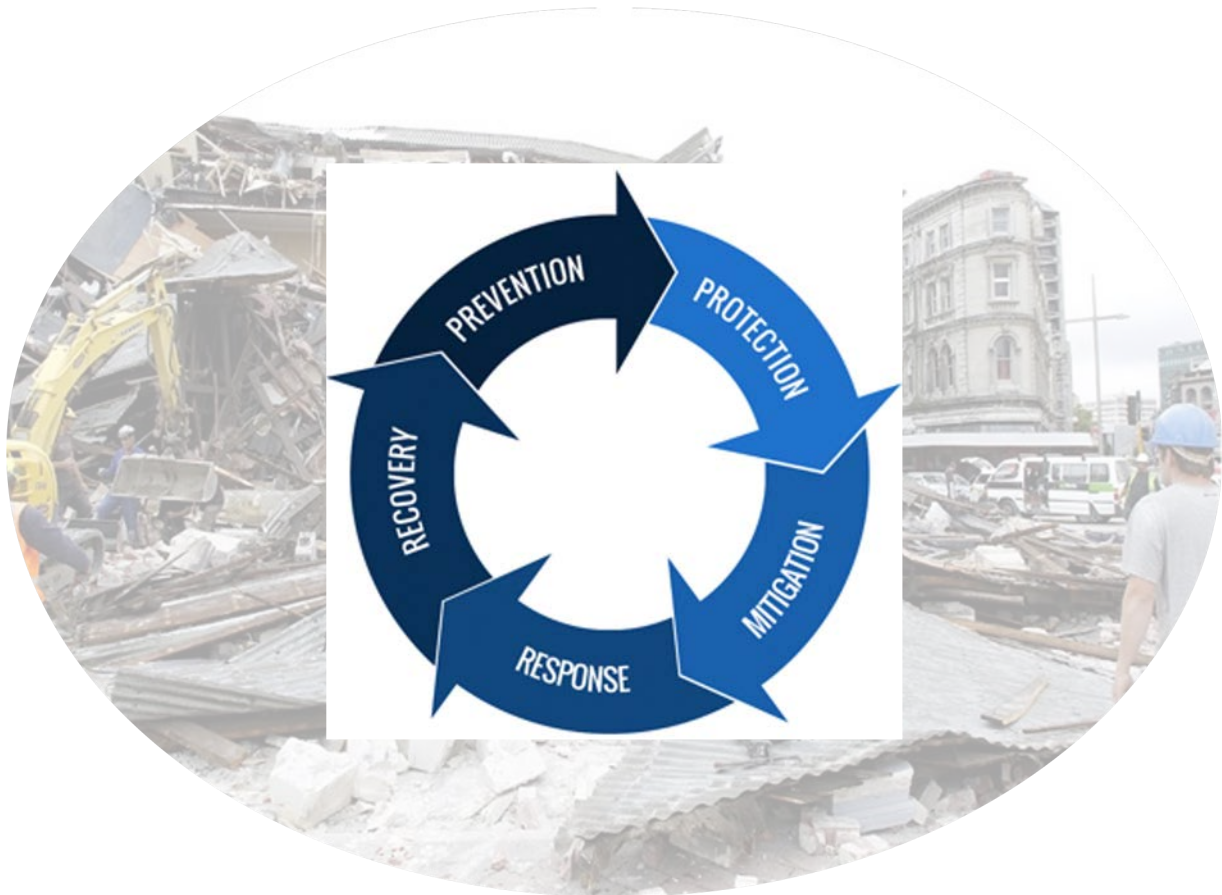


Conduct the Shakeout Exercise

**Shake
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Evaluation of a Functional Exercise



- This section will help your organization evaluate performance of a Functional Exercise



Evaluation of a Functional Exercise

- **Exercise Evaluation:**

- Evaluation planning begins during the initial planning phases of the exercise itself.
- Identifying key and clear in the planning process will ensure that the design, development, and conduct of the exercise will support an effective evaluation.
- Exercise planners should collaborate to ensure a consistent approach for evaluating an exercise. Also, engage leadership of participants early in the exercise planning to identify any focus areas, potential concerns, and specific evaluation requirements.
- The **Evaluation Plan (EvalPlan)** and/or **Controller/Evaluator (C/E) Handbook** are guidance documents for evaluators that provide guidance, instructions, and structure on evaluating and observing during an exercise.



Evaluation of a Functional Exercise

- **Exercise Evaluation:**

- Develop an **Controller and Evaluator Handbook (C/E)**.
- The **C/E Handbook**, specifically describes the roles and responsibilities of exercise controllers and evaluators and the procedures they must follow.
- The **C/E Handbook** is a supplement to the **ExPlan** and contains more detailed information about the scenario.
- Templates can be found online at <https://preptoolkit.fema.gov/web/hseep-resources>.



Evaluation of a Functional Exercise

- **Design and Development:**

- The **C/E Handbook** includes:
 - Detailed scenario information
 - Assignments, roles, and responsibilities of group or individual controllers and evaluators
 - Exercise safety plan
 - Controller communications plan (e.g., a phone list, a call-down tree, instructions for the use of radio channels)
 - Master Sequence of Events List (MSEL)
 - Exercise Evaluation Guides/Tools



Evaluation of a Functional Exercise

- **Exercise Observation and Data Collection:**

- Exercise observation and data collection can differ between discussion-based exercises and operations-based exercises.
- Operations-based exercises focus on issues affecting the operational conduct of capabilities and critical tasks and implementation of plans, policies, and procedures.
- Evaluators/Note Takers collect and record participant actions, which form the analytical basis for determining the successful demonstration of critical tasks and capability targets, on EEGs. Evaluators/Note Takers observe many of the following:
 - Activation or implementation of plans, policies, processes, and procedures.
 - Roles and responsibilities and authorities of agencies, jurisdictions, and private organizations.
 - Pertinent decisions made or decision-making processes.



Evaluation of a Functional Exercise

- **Exercise Player Hot Wash:**

- Once the exercise is completed, also known as **EndEx**, take a short break and then reconvene for the hot wash.
- The hot wash allows participants to provide feedback on the exercise, determine whether the exercise objectives were met and share ideas for emergency plan improvements.
- The hot wash enables controllers and evaluators to capture information about events while they are still fresh in the players' minds.
- The hot wash is an opportunity to ascertain the level of satisfaction with the exercise, identify issues or concerns, and propose areas for improvement



Evaluation of a Functional Exercise

- **Exercise Controller/Evaluator (C/E) Debrief:**

- The C/E debrief provides a forum for controllers and evaluators to review the exercise.
- The exercise planning team leader facilitates this debrief, which provides each controller and evaluator with an opportunity to provide an overview of the functional area he or she observed and to discuss both strengths and areas for improvement.
- During the debrief, controllers and evaluators complete and submit their **Exercise Evaluation Guides (EEGs)** as well as their **Participant Feedback Forms** if utilized. Debrief results are captured for inclusion in the AAR/IP.



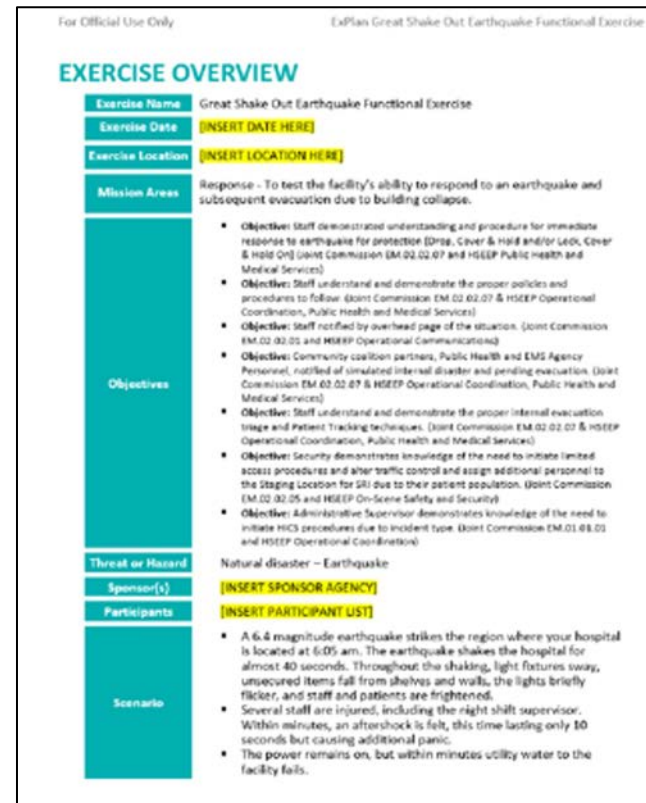
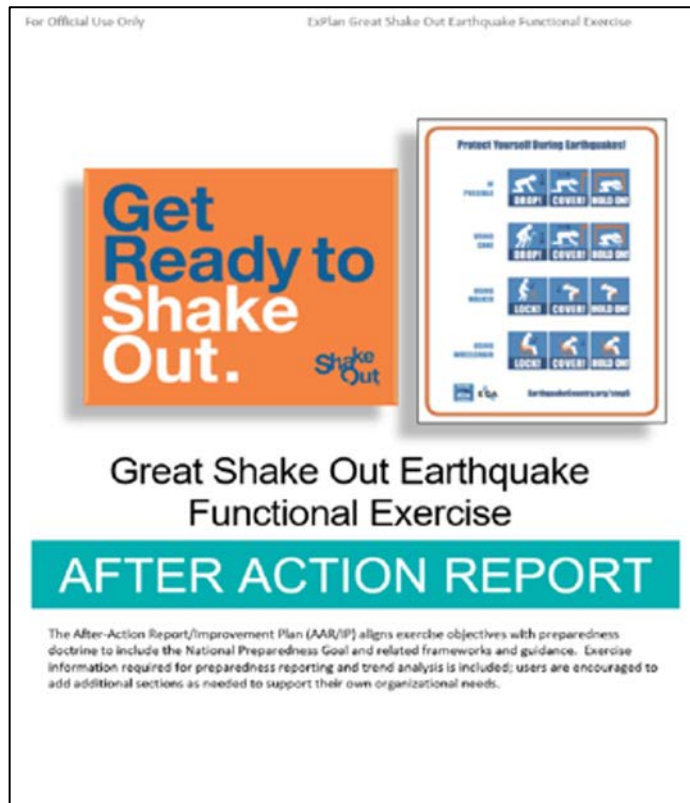
After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise

- **Exercise After-Action Report (AAR)/Improvement Plan (IP):**
 - The **AAR/IP** is a document that includes an exercise overview, analysis of capabilities, and a list of corrective actions.
 - The length, format, and development timeframe of the AAR/IP depends on the exercise type and scope.
 - The observations developed for the AAR/IP should be categorized as either strengths or areas for improvement:
 - **Strengths:** Actions that went exceptionally well, positive performance to meet objectives
 - **Areas for Improvement/Lessons Learned:** Actions/Outcomes did not meet expectations, performance did not meet objectives/critical tasks
 - Templates can be found online at <https://preptoolkit.fema.gov/web/hseep-resources>.



After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise

- **Sample After Action/Corrective Action Report:**



After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise

- **Exercise After-Action Report (AAR)/Improvement Plan (IP):**
 - The **Improvement Plan (IP)** part of the AAR.
 - The **IP** includes all consolidated corrective actions.
 - The IP can be modified with specific additions for healthcare/hospitals.
 - Improvement Planning is a critical process by which the areas for improvement from the exercise are turned into concrete, measurable corrective actions that strengthen the facility/agencies involved.



Earthquake Resources/Education

- Earthquake County Alliance
- The Great California Shakeout
- Earthquake Warning California
- FEMA Mobile App and Text Messages
- Ready- Earthquakes
- USGS Earthquake Hazards Program
- CDC - Preparing for an Earthquake



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Disaster Exercise Resources/Education

- Homeland Security Exercise and Evaluation Program:
<https://www.fema.gov/emergency-managers/national-preparedness/exercises/hseep>
- Hospital Drills & Exercises Resources:
<https://www.calhospitalprepare.org/exercises>
- Hospital Exercise Program Checklist:
https://www.calhospitalprepare.org/sites/main/files/file-attachments/cha_exercise_program_for_hospitals_checklist_8.10.18_0.pdf
- Los Angeles County EMS Drills and Exercise Guide for Hospitals:
http://file.lacounty.gov/SDSInter/dhs/206687_ConductingDrills_Exercise30806.pdf
- CMS Emergency Preparedness Rule Exercises and Drills:
<https://www.aap.org/en-us/Documents/CMS-Rule-Webinar-Combined-Slides.pdf>
- IS-120.C: An Introduction to Exercises:
<https://training.fema.gov/is/courseoverview.aspx?code=IS-120.c>
- ASPR TRACIE Topic Collection - Exercise Program Information:
<https://asprtracie.hhs.gov/technical-resources/7/exercise-program/1>



Questions?



CCS Emergency Preparedness After-Action Report Checklist



• [Download AAR Checklist Now](#)

Just as every organization is unique, every emergency is unique. And while you can't predict exactly what an event will look like or the effects it will have, you can plan for how to react, and ensure essential functions continue, when faced with the unexpected.

The best way to improve on your organization's emergency response plan is with an After-Action Report.

Use this self-assessment tool to help you determine your organization's readiness and response for emergency planning.

Please follow the steps below to complete the After-Action Report Self-Assessment Tool.

| **STEP #1:** Please answer each question with a "Yes" or "No" response.

| **STEP #2:** Please assign a value between 0 - 3 to determine where you rate your organization on the following scale:

0 = No; 1=Minimal; 2=Partial; 3=Yes, Fully.

| **STEP #3: Scoring:** Please add up all sections and see where you rank on the After-



CCS Online CMS Emergency Preparedness Program Builder



CMS EMERGENCY PREPAREDNESS Program Builder

Connect Consulting Services
Emergency Preparedness
Planning | Training | Exercises

- CMS Emergency Preparedness Program Builder provides interactive Planning Templates for each CMS Requirement
- Will meet both the CMS and The Joint Commission Emergency Preparedness Requirements
- Online Learning Lab and technical support for building your organizations' emergency preparedness program
- To learn more, please visit: [CMS Emergency Preparedness Compliance Program Builder](#)



Connect Consulting Services' Company Vision



We create safer, disaster resilient organizations and communities through innovative approaches by building robust emergency management and business continuity, training and exercise programs

- Our team works with:
 - Hospitals and other healthcare providers
 - Local, state, and federal government agencies
 - Utilities
 - Schools and Non-profit community-based agencies



Want More Information and Webinars?

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Facebook: [@ConnectConsultingServices](#)

Instagram: [@connectconsultingservices](#)



Get Ready to ShakeOut.

October 19, 2023

Register: ShakeOut.org



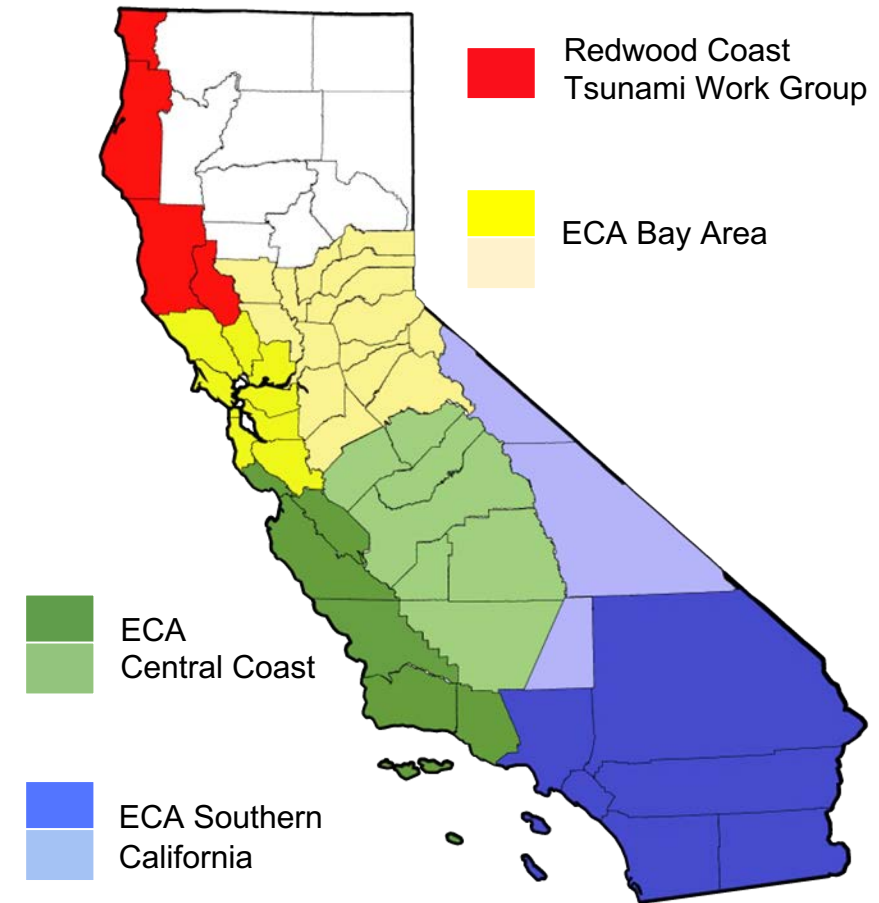
Mark Benthien

*Global ShakeOut Coordinator
Southern California Earthquake Center*



Earthquake Country Alliance

- 4000+ *Public-Private-Grassroots* leaders
- Statewide *committees* develop resources and deliver programs
- *Regional Alliances* organize meetings and outreach activities
- California's Office of Emergency Services provides NEHRP funding for ECA earthquake mitigation activities
- USC's Southern California Earthquake Center (SCEC.org) administers ECA



Join: EarthquakeCountry.org/join



Great ShakeOut Earthquake Drills

- Annual opportunity for schools, organizations, and families practice earthquake safety and other aspects of their emergency plans
 - Created in So. Calif. in 2008; statewide 2009; with FEMA funding added other regions (all US states/territories involved since 2015)
 - 2019: **67 million** worldwide; **21.7 million** U.S.
 - 2020: **29 million** worldwide; **13.1 million** U.S. (COVID-19)
 - 2021: **30 million** worldwide; **15.8 million** U.S.
 - 2022: **45 million** worldwide; **18.4 million** U.S.
 - 2023 International ShakeOut Day:
October 19 (but can drill any day)
- So far: **45 million** worldwide; **13.8 million** U.S.
- Learn more and register: [ShakeOut.org](https://www.ShakeOut.org)

**Shake
Out**™



ShakeOut Goals

Shift the culture about earthquakes and preparedness



Shift happens.

ShakeOut. Don't FreakOut.
Register Now at www.ShakeOut.org
October 19, 2017



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

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!

ShakeOut Email Updates

Shake Out
ShakeOut.org

Dear <first name>,>

Each third Thursday of October is International ShakeOut Day - this year it's October 17! From now until then, help inspire others to participate by **renewing your registration** and encouraging others to register!

How will you make your #ShakeOut drill even bigger and better? While minimum participation is a one-minute earthquake drill, you can do so much more (consider insurance or retrofitting, make a plan, and/or organize disaster supplies: EarthquakeCountry.org/sevensteps).

[Renew Your Registration](#)

Join Us October 17, 2019
in the World's Largest Earthquake Drill.
www.ShakeOut.org

One-Minute Preparedness Tip!

Talk to your agent about earthquake insurance. You may be surprised at how little it costs to have the right amount of coverage for you.

For more information, visit EarthquakeCountry.org/step4.

Join Us
in the World's Largest Earthquake Drill.
10.17.19
Register Now at www.ShakeOut.org

Get ShakeOut graphics at ShakeOut.org/resources/banners.html, and share these one-minute preparedness tips with your friends, family, and co-workers! Messaging resources are always available at ShakeOut.org/messaging.



All The Essentials For Your #ShakeOut Drill Next Week on 10/18!

How many more people will you inspire to participate in ShakeOut? At the least, it's just a one-minute **Drop, Cover, and Hold On** drill! More than **55.5 million people** around the world have been registered to participate in ShakeOut this year, with **19.3 million** holding their drills next Thursday, October 18. Congratulations on being one of them! You can view who else in your community is participating at ShakeOut.org/whosparticipating, organized your county or category.

Get Ready to Shake Out. October 18, 2018
www.ShakeOut.org

[Renew for the 2018 ShakeOut](#)

[Who is Participating](#) [How to Participate](#)
[Resources](#) [News and Events](#)

One-Minute Preparedness Tip!

ICE means "In Case of Emergency"!

Take a minute to make sure your local and out-of-state contacts on your phone have "ICE" and "Emergency" next to their last name and/or note field.

See and share EarthquakeCountry.org/step2 for ways you can enhance your communications plan.

Join Us

A Few, Simple Steps Toward Peace of Mind

Dear <first name>,>

International ShakeOut Day is October 18, but you can also take action right now to prepare to survive and recover! Start with the **Seven Steps to Earthquake Safety**, share the drill manuals and other guides on the **ShakeOut Resources** page, and participate in the ShakeOut conversation on social media with **#ShakeOut**.

We're all in this together - what we do now determines how well we bounce back from the next significant earthquake!

[Register for the 2018 ShakeOut!](#)

[How to Participate](#) [Resources](#)
[News and Events](#) [Who is Participating](#)

Shake Out. October 18, 2018
www.ShakeOut.org

Promote ShakeOut To Your Community

Whether you're a public information officer, member of the media, or a general ShakeOut enthusiast, the messaging resources at ShakeOut.org/messaging are the best ways to help promote ShakeOut to your community and help educate about earthquake preparedness. Graphics, animations, videos, guides, and other media can be downloaded and adapted as you need, some of which are highlighted below:



How Well Did Your #ShakeOut Drill Go?

More than **23.1 million people** around the world participated in **ShakeOut** on October 18, **thank you** for being one of them. But don't stop there - there are many more (and simple) steps you can take to **prepare to survive and recover**, including the Seven Steps to Earthquake Safety: EarthquakeCountry.org/sevensteps. The Seven Steps were organized by experts in earthquake science, preparedness, and mitigation as a step-by-step guide for staying safe before, during, and after an earthquake.

Be sure to also print out your ShakeOut Certificate of Participation, available on your [profile dashboard](#):



[Get Your ShakeOut Certificate!](#)

Instructions to retrieve your ShakeOut Certificate of Participation:

1. Log in to your account at ShakeOut.org/login (select your ShakeOut region before entering your email and password)
2. Look under the **dark orange, rectangular "Update" or "Renew" button** on your **profile dashboard**
3. Pick one of the two options available: a) to handwrite your name b) to type your name.

If you have multiple locations registered in one state, you can use the same certificate for each. If your locations span two or more ShakeOut regions, please login to your profile for each region.

One-Minute Preparedness Tip!

For your home kit, you need at least 14 gallons of water: 1 gallon per person, per day, for up to 2 weeks = 14 gallons for one person.

Take a minute to add "emergency water" to your grocery list. It's your most important resource in an emergency.

See and share EarthquakeCountry.org/step3 for ways you can organize your kits.

Example Statistics and Participant List

2014 participation by ShakeOut Region

Region	Participants
All Regions	10,931
Alaska (Mar. 27)	103,931
Alaska (Oct. 16)	80,536
American Samoa	5,102
Arizona	123,595
British Columbia	743,126
California	10,410,401
Central U.S. (AL AR IL IN KS KY MO MS OH OK TN)	2,761,667
CNMI	12,508
Colorado	35,971
Guam	78,281
Hawaii	30,007
Idaho	75,220
Japan	4,453,244
Montana	157,189
Nevada	571,494
New Mexico	106,838
NorthEast U.S. (CT MA ME NH NJ NY PA RI VT)	505,590
Oregon	398,815
Puerto Rico	595,954
Quebec	152,808
SouthEast U.S. (DC DE FL GA MD NC SC VA WV)	2,192,111
Southern Italy	12,285
U.S. Virgin Islands	7,249
Utah	835,729
Washington State	1,089,820
Wyoming	10,698
Yukon	9,770
Other States and Countries	1,105,606

Category	Participants
Total: California	10,410,401
Individuals/Families	11,941
Childcare and Pre-Schools	50,111
K-12 Schools and Districts	6,366,514
Colleges and Universities	1,954,438
Local Government	461,805
State Government	149,993
Federal Government (Including Military)	221,009
Tribes/Rancherias	3,402
Businesses	628,811
Hotels and Other Lodgings	2,337
Healthcare	185,402
Senior Facilities/Communities	17,445
Disability/AFN Organizations	9,727
Non-Profit Organizations	82,167
Neighborhood Groups	30,737
Preparedness Organizations	13,498
Faith-based Organizations	166,366
Museums, Libraries, Parks, etc.	8,407
Volunteer/Service Clubs	258
Youth Organizations	1,993
Animal Shelter/Service Providers	273
Agriculture/Livestock	1,340
Volunteer Radio Groups	931
Science/Engineering Organizations	5,096
Media Organizations	13,671
Other	24,598

Businesses

Del Norte	Mary Dorman - State Farm Agent, Crescent City Walmart 1910, Crescent City
El Dorado	AAA AAA Northern California, Nevada and Utah, Folsom Branch, Folsom
Fresno	ADT Security Services, LLC, Fresno SSO, Fresno DaVita Healthcare Davita Sanger, Sanger F & F Contracting, Inc./ Etxe Trucking/Golden Eagle Charter, Inc., Fresno HD Supply HD Supply White Cap, Fresno Branch, Fresno Humanscale, Fresno facility, Fresno Kohl's Department Stores Kohl's Department Store, Fresno Kohl's Department Store, Fresno Kohl's Department Store, Clovis Landscape Contractors Insurance Services, Inc., Fresno Macerich Fashion Fair Mall, Fresno Rabobank, Fresno
Humboldt	Cafe Nooner, Cafe Nooner Too, Eureka Cal-Ore Life Flight, Humboldt Base, Eureka GHD, Inc., Eureka Kohl's Department Stores Kohl's Department Store, Eureka Pacific Gas and Electric Company Pacific Gas and Electric Company, ISFSI & Humboldt Bay Generators PMFW Productions, Eureka Stewart Telecommunications, Eureka
Imperial	Kohl's Department Stores Kohl's Department Store, El Centro United States Gypsum, Plaster City Plant, El Centro
Kern	AEG Rabobank Arena, Theater & Convention Center, Bakersfield Allstate, Sales, Ridgecrest DaVita Healthcare Davita-Bakersfield Dialysis Center, Bakersfield Environmental Resources Management Environmental Resources Management Bakersfield, Bakersfield ERM-Bakersfield, Bakersfield, Bakersfield FedEx Ground, Bakersfield Golden Empire Transit, Bakersfield HD Supply Construction & Industrial White Cqp, Bakersfield Branch 0

ShakeOut Goals

Increase earthquake resilience at all levels



Seven Steps To Earthquake Safety

1. Secure Your Space



2. Plan To Be Safe



3. Organize Supplies



4. Minimize Financial Hardship



5. Drop, Cover, and Hold On



6. Improve Safety



7. Reconnect and Restore



BEFORE

DURING

AFTER

ShakeOut Goals

Encourage people worldwide to practice earthquake safety



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
ShakeOut.org/dropcoverholdon

Know How to Protect Yourself

In *most* situations and building types:



Drop on to your hands and knees, where you are



See [EarthquakeCountry.org/step5](https://www.EarthquakeCountry.org/step5) for advice for a variety of settings

Know How to Protect Yourself

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](https://www.earthquakecountry.org/step5) for advice for a variety of settings

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](https://www.EarthquakeCountry.org/step5) for advice for a variety of settings

Adapt to Your Situation

- Don't drop down, if you can't get back up
- Practice your preferred method with others who assist you
- [EarthquakeCountry.org/accessibility](https://www.earthquakecountry.org/accessibility)

If You Feel Shaking or Get an Alert:



Earthquake Safety Video Series

The logo for 'Shake Out' features the word 'Shake' in a blue, rounded font above the word 'Out' in a larger, blue, stylized font. A small 'TM' trademark symbol is located at the bottom right of the 'Out' text.

**IF NEAR A STURDY
DESK OR TABLE**

The logo for 'Shake Out' features the word 'Shake' in a blue, rounded font above the word 'Out' in a larger, blue, stylized font. A small 'TM' trademark symbol is located at the bottom right of the 'Out' text.

IF USING A WHEELCHAIR

- Separate short (1-8 min) videos:
 - indoors, nearby table/desk
 - indoors, no table/desk
 - theater/stadium
 - near the shore
 - in a car
 - in bed
 - for users of mobility devices/aids
- View full videos at [Youtube.com/greatshakeout](https://www.youtube.com/greatshakeout)
- Download full videos at [ShakeOut.org/messaging](https://www.ShakeOut.org/messaging)

Shake
Out™

IF USING A CANE

Shake
Out™

IF USING A WHEELCHAIR

Shake
Out™

IF USING A WALKER

Shake
Out™

IF YOU'RE IN BED

ECA & ShakeOut Language Accessibility

Si Siente Un Temblor o Recibe Una Alerta:

Si Es Posible			
	¡AGÁCHESE!	¡CÚBRASE!	¡SUJÉTESE!
Si Usa Bastón			
	¡AGÁCHESE!	¡CÚBRASE!	¡SUJÉTESE!
Si Usa Andadera			
	¡FRENE!	¡CÚBRASE!	¡SUJÉTESE!
Si Usa Silla de Ruedas			
	¡FRENE!	¡CÚBRASE!	¡SUJÉTESE!

Terremotos.org/paso5

Spanish Language Websites:

ShakeOut.org/espanol

Terremotos.org



Updated Materials in 16 Languages

If You Feel Shaking or Get an Alert:

If Possible **DROP! COVER! HOLD ON!**

Usin Can اگر لرزش زلزله ای را حس کردید یا هشدار دریافت کردید:

Usin Walker

Si Siente Un Temblor o Recibe Una Alerta:

Si Es Posible **¡AGÁCHESE! ¡CÚBRASE! ¡SUJÉTENSE!**

Si Usa Bastón

Si Usa Andadera

Si Usa Silla de Ruedas

Եթե ցնցում եք զգում կամ ահազանգ եք ստանում.

Եթե հնարավոր է **ԿՈՒՍԵՆՔ ԾԵՔԵՎԻՔՈՒՄ ԲՈՒԿԵՆՔ**

Եթե օգտվում եք քայլիչով **ԿՈՒՍԵՆՔ ԾԵՔԵՎԻՔՈՒՄ ԲՈՒԿԵՆՔ**

Եթե օգտվում եք քայլիչով **ԿՈՒՍԵՆՔ ԾԵՔԵՎԻՔՈՒՄ ԲՈՒԿԵՆՔ**

EarthquakeCountry.org/step5

Earthquake Country Alliance, GCS&E, FEMA, NCEM

Kế Hoạch Hành Động

Bảy Bước Giữ An Toàn

Cov Niam Tswv Yim Pab Thaum Muaj Av Qeeg

Thaum Koj Mloog Muaj Av Qeeg Co Co los yog tau ib Qho Xov Xwm. Tx Thov Koj Tus Kheej Kom Cov Khoom Poob Txhob Los Roug

Yog Tis Av Log

KHOOV! NPOG! VIB TIC/TIM!

Los Yog Tsoog Koj Qhov Teeb Teem Muaj Nhom

Xav paub ntawv mus rau ntawm **EarthquakeCountry.org/step5**.

© 2021 Earthquake Country Alliance

Pitong Hakbang sa Paghahanda sa Lindol

Maghanda

Hakbang 1: Fatbayin ang iyong lugar sa pangangilala ng mga mapanganib na bagay at itali ang mga gumagilaw na bagay.

Hakbang 2: Mag-plano sa kaliglasan sa pamamagitan ng pagpapaing plano sa emerhensya at magpatay sa mga pangangilalagang pang-emerhensya sa mga lugar na maluwag.

Hakbang 3: Ayusin ang mga kagamitang pang-emerhensya sa mga lugar na maluwag.

Hakbang 4: Bawasan ang kahirapang pamamahala sa mga lugar na maluwag.

大加州 ShakeOut

準備好#ShakeOut!

如何參與

如何想就地震或收到警報

加入百萬人群!

加入註冊

EarthquakeCountry.org/step5

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Recommended Earthquake Safety Actions

Shake Out

Federal, State, and local emergency management experts and other official preparedness organizations agree that the actions described below will reduce injury and death during earthquakes.

In most situations, if you feel shaking or get an alert, immediately:

DROP where you are, onto your hands and knees. This position protects you from being knocked down and allows you to stay low and crawl to shelter if nearby.

COVER your head and neck with one arm and hand.

HOLD ON until the shaking stops.

Drop, Cover, and Hold On:

- If a sturdy table or desk is nearby, crawl underneath it for shelter.
- If no shelter is nearby, crawl next to an interior wall (away from windows).
- Stay on your knees; bend over to protect vital organs.

No shelter: hold on to it with one hand; be ready to move with your shelter if it shifts.

No shelter: hold on to your head and neck with both hands.

Shake Out

상점 내 지진 안전 조치

가게에 들어실 때마다, 언제고 주위를 돌아보세요

지진 발생 시 종종 걸어 다니리다가 떨어지는 물체에 떨어졌거나 유리조각 또는 다른 위험한 것을 밟아 다치는 수가 있습니다.

진동물 느껴거나 지진경보를 받았면

추천하세요

가게에요! 가리세요! 자랑하세요!

EarthquakeCountry.org/step5

© 2021 Earthquake Country Alliance

Example ShakeOut Resources

Official Participant



Join Us in the World's Largest Earthquake Drill.



October 19, 2023



Register at ShakeOut.org



Protect Yourself!

If you feel shaking or get an alert.



Learn more at ShakeOut.org



ShakeOut Great ShakeOut Earthquake Drills

K-12 Schools and Districts

Register today at ShakeOut.org

At 10:18 a.m. on October 18, 2018, millions of people will "Drop, Cover, and Hold On" at the Great ShakeOut, the world's largest earthquake drill ever. All K-12 schools and districts are encouraged to participate in the drill (or plan a more extensive event).

Major earthquakes may happen anywhere you live, work, or travel. The ShakeOut is our chance to practice how to protect ourselves, and everyone to become prepared. The goal is to prevent a major earthquake from becoming a catastrophe for you, your organization, and your community.

Why is a "Drop, Cover, and Hold On" drill important? To respond quickly you must practice often. You may only have seconds to protect yourself in an earthquake before strong shaking knocks you down, or something falls on you.

Millions of people worldwide have participated in Great ShakeOut Earthquake Drills since 2008. The Great ShakeOut is held on the third Thursday of October each year.

Everyone can participate! Individuals, families, businesses, schools, colleges, government agencies and organizations are all invited to register.

As a registered ShakeOut Participant you will:

- Learn what you can do to get prepared.
- Be included in the largest earthquake drill ever.
- Receive ShakeOut news and other earthquake information.
- Get an example that includes others to participate.



ShakeOut Great ShakeOut Earthquake Drills

Businesses

Register today at ShakeOut.org

At 10:18 a.m. on October 18, 2018, millions of people will "Drop, Cover, and Hold On" at the Great ShakeOut, the world's largest earthquake drill ever. All businesses are encouraged to participate in the drill (or plan a more extensive exercise) and to inform the public about the drill.

Major earthquakes may happen anywhere you live, work, or travel. The ShakeOut is our chance to practice how to protect ourselves, and for everyone to become prepared. The goal is to prevent a major earthquake from becoming a catastrophe for you, your organization, and your community.

Why is a "Drop, Cover, and Hold On" drill important? To respond quickly you must practice often. You may only have seconds to protect yourself in an earthquake before strong shaking knocks you down, or something falls on you.

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- Learn what you can do to get prepared.
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- Receive ShakeOut news and other earthquake information.
- Get an example that includes others to participate.



ShakeOut Great ShakeOut Earthquake Drills

Drill Guidance for Organizations

(Remote Work, In-Person or Both)

ShakeOut Great ShakeOut Earthquake Drills

Drill Guidance for Grades K-4

(Distance Learning or In-Person)

ShakeOut Simulacros de Terremoto Great ShakeOut

Orientación de Simulacros para Organizaciones

(Por videoconferencia, en persona o ambos)

Get Ready to ShakeOut.

October 19, 2023



Register: ShakeOut.org

ShakeOut ShakeOut Drill Manual for Government Agencies and Facilities

Are You Ready to ShakeOut?

Major earthquakes can cause unprecedented catastrophes. With earthquakes as an inevitable part of our future, people should make plans and take actions to ensure that disasters do not become catastrophes. What we do now, will determine what our lives will be like afterwards. With this in mind, the Earthquake Country Alliance (www.EarthquakeCountry.org) created the Great California ShakeOut, an earthquake drill and preparedness activity in which everyone can participate, which has now been replicated in many other states and regions. To register as a participant for a ShakeOut drill in your area visit www.ShakeOut.org. Government entities of all sizes can also use the drill to get their citizens, employees, and other stakeholders involved and prepared for a big earthquake.

Government-level emergency management offices have frequent exercises that go beyond these guidelines, however, to ensure the continuity of vital civic functions, all public employees must be prepared and coordinated to survive a major earthquake. So it can be a good idea for non-emergency government entities to hold (simply) drills to practice their response. Furthermore, the level of your drill's own personal and family preparedness will be key to their ability to support your agency's response and recovery efforts after a disaster.

Although they were created for ShakeOut drill events across the nation, the instructions on the following pages can be used or adapted for earthquake drills anywhere and anytime. They have been designed for non-emergency government agencies and personnel. To be feasible, three levels of drills (simple, basic, intermediate) are provided below, each with steps to be taken before, during, and after the drill. Each drill uses the general earthquake response of Drop, Cover, and Hold On (www.EarthquakeCountry.org/ready) as its foundation.

Drills for Government Agencies and Facilities

Level 1 - Simple: Drop, Cover, and Hold On Drill 2

This drill uses simple steps to inform all employees how to perform Drop, Cover, and Hold On - a quake-safe action designed to protect people from falling objects and flying objects during ground shaking.

Level 2 - Basic: Life Safety Drill 3

This life safety drill is designed to engage employees to think through their emergency response actions during an earthquake, then afterwards to review and discuss what worked or what did not, in order to make improvements for the next drill or actual earthquake.

Level 3 - Intermediate: Life Safety and Continuity Planning Drill 5

This life safety drill is designed to engage employees to think through their emergency response actions during and after an earthquake, then afterwards to review and discuss what worked or what did not, in order to make improvements for the next drill or actual earthquake.



Recommended Earthquake Safety Actions

Federal, State, and local emergency management experts and other official preparedness organizations agree that the actions described below will reduce injury and death during earthquakes.

In most situations, if you feel shaking or get an earthquake alert, immediately:

DROP where you are, onto your hands and knees. This position protects you from being knocked down and allows you to stay low and crawl to shelter if nearby.

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 shelter is nearby, crawl next to an interior wall (away from windows).
- Stay on your knees; bend over to protect vital organs.

HOLD ON until the shaking stops.

- Under shelter: hold on to it with one hand; be ready to move with your shelter if it shifts.
- No shelter: hold on to your head and neck with both arms and hands.

If you are unable to drop to the ground, sit and bend over, covering your head and neck with your hands and arms. If you use a cane, keep it with you even if you go under a table to help you get back up. If you use a wheelchair or walker with wheels (a rickshaw), LOCK your wheels (or set the brake) and remain seated until the shaking stops. Always COVER your head and neck with your arms, a pillow, a book, or whatever is available and HOLD ON until shaking stops. For other accessibility recommendations see EarthquakeCountry.org/accessibility.

People in California are encouraged to download the MyShake app to receive earthquake alert messages on their cellphone.



ShakeOut ShakeOut Drill Broadcast in English DRILL




#ShakeOut ShakeOut.org

ShakeOut. Don't Freak Out.

October 19, 2023 Register now at ShakeOut.org



ShakeOut.org/messaging

- Social media messaging #ShakeOut
- News release templates
- Downloadable earthquake safety videos
- Video Conference backgrounds
- Animated GIFs and more!

Post 1:

Have you registered for ShakeOut yet? We did! JOIN US in the world's largest earthquake drill on October 19: ShakeOut.org/register.



Suggested Alt Text: Social media banner for ShakeOut 2023, with the text "Join us in the world's largest earthquake drill," and a link to ShakeOut.org.

CONTACT: **Your Name, Agency** FOR IMMEDIATE RELEASE
Mobile/Desktop Phone #
Your email

FIFTH ANNUAL "GREAT YOUR REGION SHAKEOUT"
SET FOR OCTOBER 19, 2017
All citizens, businesses, and communities in **YOUR CITY/STATE** encouraged participate

CITY, St — Following FEMA's "National Preparedness Month" in September, individuals and communities throughout **YOUR REGION** will participate in the **fifth** annual **Great YOUR REGION** ShakeOut earthquake drill.

Held annually on the third Thursday of October, the *ShakeOut International Day of Action* is set for Thursday, **October 19, 2017 at 10:19 a.m.** During the self-led drill, participants practice how to "Drop, Cover, and Hold On". Endorsed by emergency officials and first responders, the safe response to an earthquake is to:

DROP where you are, onto your hands and knees. This position protects you from being knocked down and also allows you to stay low and crawl to shelter if nearby.

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 shelter is nearby, crawl next to an interior wall (away from windows)
- Stay on your knees; bend over to protect vital organs

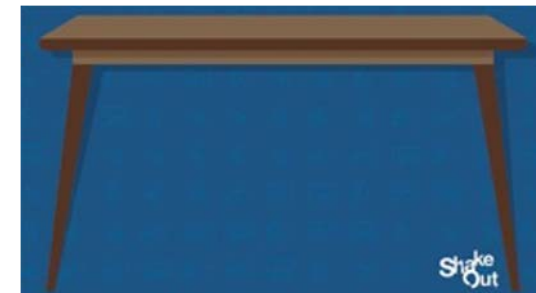
HOLD ON until shaking stops

- Under shelter: hold on to it with one hand; be ready to move with your shelter if it shifts
- No shelter: hold on to your head and neck with both arms and hands.

(Insert any recent or memorable earthquake events here) The April 2015 M7.8 Nepal earthquake and M8.3 September 16, 2015 earthquake near Iquique, Chile serve as reminders that large earthquakes can occur with little to no warning. Citizens in the central U.S. are not immune to earthquakes—the region is home to several active seismic zones capable of producing damaging earthquakes, including the New Madrid and Wabash Valley Seismic Zones.

According to Spokesperson Name/Title Here, "While damaging earthquakes here may be fewer in number when compared to other areas, they can occur at any time wherever we work, live, or travel within the region and beyond. Everyone, everywhere should know how to protect themselves from an earthquake."

The ShakeOut is free and open-to-the-public, and participants include individuals, schools, businesses, local and state government agencies, and many other groups. To take part in the ShakeOut, individuals and organizations are asked to join the drill by registering to participate www.shakeout.org. Once registered, participants receive regular information on how to plan their drill and become better prepared for earthquakes and other disasters.



Healthcare ShakeOut Resources

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

[ShakeOut.org/healthcare](https://www.ShakeOut.org/healthcare)



ShakeOut Exercise Manual For Healthcare Organizations

Are You Ready to ShakeOut?

Great ShakeOut Earthquake Drills provide an annual opportunity for healthcare organizations and facilities to practice earthquake safety and other aspects of emergency planning along with millions of others across the United States and worldwide. To register as a ShakeOut participant, visit www.ShakeOut.org and sign up for the drill in your state or region. Healthcare organizations of all sizes can use the drill to get their staff, volunteers, partners, and even their patients/residents, involved and prepared for being safe during earthquakes, and ready to provide services afterwards. Furthermore, the level of your employee's personal and family preparedness will be key to their availability to support your organization's response and recovery efforts after a disaster.

The following drill and exercise guidelines provide three options that healthcare organizations can organize. Each drill uses the general earthquake response of *Drop, Cover, and Hold On* (www.EarthquakeCountry.org/step5) as its foundation. Level 2 and Level 3 exercises may meet the guidelines of the CMS Emergency Preparedness Rule.

Overview of CMS Emergency Preparedness Rule for HealthCare Facilities.....Page 2

Level 1 – Simple: *Drop, Cover, and Hold On* DrillPage 4

This drill uses simple steps to inform all staff how to perform *Drop, Cover, and Hold On* - a quake-safe action designed to protect lives from falling furniture and flying objects than can become projectiles during ground shaking.

Level 2 – Intermediate: Discussion-Based, Decision-Making Tabletop ExercisePage 5

This discussion-based, decision-making exercise is designed to have key staff and leaders think through more complex issues related to operations in the immediate aftermath of this earthquake, then afterwards to review and discuss what worked or what did not, in order to make changes for the next exercise or actual earthquake.

Level 3 – Advanced: Functional Exercise.....Page 7

This operations-based exercise tests command and control during a major earthquake including emergency response and/or recovery duties in your Emergency Operations Plan. The exercise incorporates simulated incidents, decision-making, and policies tested, and then a review afterwards to discuss what worked or what did not in order to develop an After Action Report and Improvement Plan to help make changes for the next earthquake or exercise.

Connect with ShakeOut and ECA

- ShakeOut.org
- ShakeOut.org/healthcare
- info@shakeout.org
- [Twitter.com/ShakeOut](https://twitter.com/ShakeOut)

- EarthquakeCountry.org
- Terremotos.org
- info@earthquakecountry.org
- [Twitter.com/eca](https://twitter.com/eca)



#ShakeOut



Questions?

