GREAT SHAKE OUT
EARTHQUAKE DRILL PART TWO:
AFTER ACTION REPORTING & IMPROVEMENT PLANNING

NORA O’BRIEN
CONNECT CONSULTING SERVICES
August 24, 2021
Missed Part One Webinar on Conducting a Shakeout Functional Exercise?

Note: Just viewing webinars will not count towards completing your CMS exercise requirement.

You must conduct the Shakeout Drill as a tabletop exercise - full scale exercise AND complete an After-Action Report to count towards your CMS Exercise requirement.

View the Part One Slides and Recording here
BIO: Connect Consulting Services Nora O’Brien, MPA CEM, Founder and CEO

- 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
- Lead a team of 15+ EM planning and training professionals
Training Objectives

• Review key emergency management exercise terminology
• Review types of disaster exercises
• Review evaluation of a Functional Exercise
• Review After Action Reporting of a Functional Exercise
• Question and answers
• **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

Discussion-based
- SEMINAR (Orientation Session)
  - Getting Everyone on Board
- TABLETOP
  - Group Discussion
- DRILL
  - Single Procedure

Operations-based
- FUNCTIONAL EXERCISE
  - Stressful Simulated Events
- FULL-SCALE EXERCISE
  - Resources Deployed
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 familiarizing agencies and personnel with current or expected capabilities of an entity. Discussion based exercises typically focus on strategic, policy-oriented issues.
- Facilitators and/or presenters usually lead the discussion, keeping participants on track toward meeting exercise objectives.
Types of Disaster Exercises: Discussion Based (continued)

- **Tabletop Exercises (TTX)** are discussion-based sessions where team members meet in an informal, classroom setting to discuss their roles during an emergency and their responses to a particular emergency situation.

- 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 (continued)

- **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 (continued)

- **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 developed in discussion-based exercises and honed in previous, smaller, operations-based exercises.

- 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.
Evaluation of a Functional Exercise

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

• Exercise Evaluation:
  o Evaluation planning begins during the initial planning phases of the exercise itself.
  o Identifying key and clear in the planning process will ensure that the design, development, and conduct of the exercise will support an effective evaluation.
  o 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.
  o 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 (continued)

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

• Design and Development:
  o 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 (continued)
Evaluation of a Functional Exercise (continued)

• Exercise Evaluation Guide (EEG):
  o EEGs provide a consistent tool to guide exercise observation and data collection. The purpose of an EEG is to:
    ▪ Streamline data collection and provide a consistent process for assessing preparedness
    ▪ Assist jurisdictions/organizations to map exercise results to exercise objectives, capabilities, capability targets, and critical tasks for additional analysis and assessment;
    ▪ Support development of the AAR.
  o Overall Exercise Objectives and specific Organizational Target Capabilities documented on EEG for evaluation.
  o Explanation on Ratings Definitions included.
  o EEGs can be modified for use and additional sections for healthcare/hospitals added.
  o Templates can be found online at https://preptoolkit.fema.gov/web/hseep-resources.
Evaluation of a Functional Exercise (continued)

• Exercise Observation and Data Collection:
  o Exercise observation and data collection can differ between discussion-based exercises and operations-based exercises.
  o Operations-based exercises focus on issues affecting the operational conduct of capabilities and critical tasks and implementation of plans, policies, and procedures.
  o 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 (continued)

• 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.
• Exercise Controller/Evaluator (C/E) Debrief:
  o The C/E debrief provides a forum for controllers and evaluators to review the exercise.
  o 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.
  o 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.
Questions?
After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise

- This section will help your organization develop the After-Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise
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](https://preptoolkit.fema.gov/web/hseep-resources).
After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise (continued)

- Exercise After-Action Report (AAR)/Improvement Plan (IP):
  - Draft an After Action/Corrective Action Report. An example of the report format could be:
    - Executive Summary
    - Section 1: Exercise overview
    - Section 2: Exercise design summary (including the goals, objectives and key scenario events)
    - Section 3: Analysis of objectives
    - Section 4: Strengths and Lessons Learned
    - Section 4: Conclusion
    - Appendix A: Improvement Plan
    - Appendix B: Improvement Plan Tracking Table (optional, but recommended)
    - Appendix C: Participant feedback summary (optional)
    - Appendix D: Acronyms
After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise (continued)

• Sample After Action/Corrective Action Report:
After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise (continued)

• Exercise After-Action Report (AAR)/Improvement Plan (IP):
  o The Improvement Plan (IP) part of the AAR.
  o The IP includes all consolidated corrective actions.
  o The IP can be modified with specific additions for healthcare/hospitals.
  o 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.
After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise (continued)

• Sample IP sections:

<table>
<thead>
<tr>
<th>HSEEP TARGET CAPABILITY</th>
<th>TJC PERFORMANCE STANDARDS</th>
<th>OBSERVATION</th>
<th>RECOMMENDATION</th>
<th>CORRECTIVE ACTION DESCRIPTION</th>
<th>PRIMARY COMPLETION DEPARTMENT/AGENCY</th>
<th>START DATE</th>
<th>COMPLETION DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Insert Identified HSEEP Target Capability (e.g., Public Health and Medical Services)*]</td>
<td>[Insert Identified TJC Performance]</td>
<td>[Insert identified observations which can be found in the analysis section from above here.]</td>
<td>[Insert any identified recommendations for correction here.]</td>
<td>[Insert any Corrective actions]</td>
<td>[Insert name and title of individual and department assigned to complete]</td>
<td>[Insert initial start date of Corrective Actions]</td>
<td>[Insert anticipated completion date of Corrective Actions. Notes and Addendums and Date changes can occur and should be documented.]</td>
</tr>
</tbody>
</table>
After Action Report (AAR)/Improvement Plan (IP) for a Functional Exercise (continued)

• Exercise After-Action Meeting (AAM)
  o The AAM is a meeting with key personnel to review the draft version of the AAR/IP.
  o Meeting participants should seek to reach final consensus on strengths, areas for improvement, draft corrective actions, deadlines to complete corrective actions, and owners/assignees for implementation of corrective actions.
  o The agenda for the AAM may include:
    ▪ Introductions
    ▪ Meeting Focus Discussion
    ▪ Discussion Points (findings/ review revise the draft AAR/IP (strengths, areas to improve, identify corrective actions, assign improvement duties)
    ▪ Discuss outcomes/dates of release of findings/report
    ▪ Follow-up with leadership for finalized AAR/IP and continue to track corrective action completion
Get Ready to ShakeOut

Mark Benthien
Global ShakeOut Coordinator
Southern California Earthquake Center
Great ShakeOut Earthquake Drills

- Schools, organizations, and families practice earthquake safety and other aspects of their emergency plans
- 2019: **66 million** people worldwide; **22 million** U.S.
- 2020: **29 million** worldwide; **13 million** U.S.
- 2021 International ShakeOut Day: **October 21** (but can drill any day)
- Learn more and register: [ShakeOut.org](https://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 Milet, D., Wood, M., Bourque, L., and others*

ShakeOut puts these findings into practice
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

[Image of Classroom in Calexico, CA, April 2010, M7.2]

EarthquakeCountry.org/step5
Know How to Protect Yourself

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:

**DROP!**

**COVER!**

**HOLD ON!**

**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](http://EarthquakeCountry.org/step5) for advice for a variety of settings
In *most* situations and building types:

**DROP!**  
**COVER!**  
**HOLD ON!**

**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](http://EarthquakeCountry.org/step5) for advice for a variety of settings
• Don’t get down if you can’t get back up
• Practice with others who assist you
• [EarthquakeCountry.org/accessibility](http://EarthquakeCountry.org/accessibility)
• Separate short (1-8 min) videos:
  • indoors, nearby table/desk
  • indoors, no table/desk
  • theater/stadium
  • near the shore
  • in a car
  • in bed
  • people with mobility disabilities

• View full videos at
  Youtube.com/greatshakeout

• Download full videos at
  www.ShakeOut.org/messaging
Protect Yourself During Earthquakes

1. In high rise or on roller: Stay away from windows. Play by under strong furniture. Hold on tight with knees tucked in. If you lose balance, roll on your back and hold head with hands.

2. In motion: Keep moving with your hands, knees, and head. If you lose your balance, roll on your back and hold head with hands.

3. In bed: Do not get out of bed. Lie on your back with your arms crossed in front of your chest. Hold your knees and put one hand on your head to keep your head safe.

4. In a tent: Stay inside and brace your head and knees. Move away from water, gas, and power lines. Stay calm.

5. In a car: Pull off the road and park along the road, away from overpasses and buildings. Stay inside your car, which is safer than being outside.

6. In a shower or bathroom: Stay inside and brace your head and knees. Move away from overpasses and buildings. Stay calm.

7. In a car: Pull off the road and park along the road, away from overpasses and buildings. Stay inside your car, which is safer than being outside.

8. In a car: Pull off the road and park along the road, away from overpasses and buildings. Stay inside your car, which is safer than being outside.

9. In a car: Pull off the road and park along the road, away from overpasses and buildings. Stay inside your car, which is safer than being outside.

Do you know what to do, wherever you are, when the earth begins to shake?
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!
### Example Statistics and Participant List

#### All Regions

<table>
<thead>
<tr>
<th>Region</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska (Mar. 27)</td>
<td>103,331</td>
</tr>
<tr>
<td>Alaska (Oct. 16)</td>
<td>80,536</td>
</tr>
<tr>
<td>American Samoa</td>
<td>5,102</td>
</tr>
<tr>
<td>Arizona</td>
<td>123,595</td>
</tr>
<tr>
<td>British Columbia</td>
<td>743,126</td>
</tr>
<tr>
<td>California</td>
<td>10,410,401</td>
</tr>
<tr>
<td>Central U.S. (AL AR IN KS KY MO MS OH OK TN)</td>
<td>2,761,667</td>
</tr>
<tr>
<td>CNMI</td>
<td>12,608</td>
</tr>
<tr>
<td>Colorado</td>
<td>35,971</td>
</tr>
<tr>
<td>Guam</td>
<td>78,281</td>
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<tr>
<td>Hawaii</td>
<td>30,007</td>
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<tr>
<td>Idaho</td>
<td>75,220</td>
</tr>
<tr>
<td>Japan</td>
<td>4,453,244</td>
</tr>
<tr>
<td>Montana</td>
<td>157,189</td>
</tr>
<tr>
<td>Nevada</td>
<td>571,494</td>
</tr>
<tr>
<td>New Mexico</td>
<td>106,838</td>
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<tr>
<td>NorthEast U.S. (CT MA ME NH NJ NY PA RI VT)</td>
<td>505,590</td>
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<tr>
<td>Oregon</td>
<td>398,815</td>
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<tr>
<td>Puerto Rico</td>
<td>595,954</td>
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<tr>
<td>Quebec</td>
<td>152,808</td>
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<tr>
<td>SouthEast U.S. (DC DE FL GA MD NC SC VA WV)</td>
<td>2,192,111</td>
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<tr>
<td>Southern Italy</td>
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<tr>
<td>U.S. Virgin Islands</td>
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<tr>
<td>Utah</td>
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<tr>
<td>Washington State</td>
<td>1,089,820</td>
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<tr>
<td>Wyoming</td>
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<tr>
<td>Yukon</td>
<td>9,770</td>
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<tr>
<td>Other States and Countries</td>
<td>1,105,606</td>
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#### California

<table>
<thead>
<tr>
<th>Category</th>
<th>Participants</th>
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<tbody>
<tr>
<td>Total:</td>
<td>10,410,401</td>
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<tr>
<td>Individuals/Families</td>
<td>11,941</td>
</tr>
<tr>
<td>Childcare and Preschools</td>
<td>50,111</td>
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<tr>
<td>K-12 Schools and Districts</td>
<td>6,366,514</td>
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<tr>
<td>Colleges and Universities</td>
<td>1,054,438</td>
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<td>Local Government</td>
<td>461,805</td>
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<td>State Government</td>
<td>149,993</td>
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<tr>
<td>Federal Government (Including Military)</td>
<td>221,009</td>
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<tr>
<td>Tribes/Rancherias</td>
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<tr>
<td>Businesses</td>
<td>62,686</td>
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<tr>
<td>Hotels and Other Lodgings</td>
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<tr>
<td>Healthcare</td>
<td>165,402</td>
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<tr>
<td>Senior Facilities/Communities</td>
<td>17,445</td>
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<td>Disability/AFN Organizations</td>
<td>9,727</td>
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<td>Non-Profit Organizations</td>
<td>82,167</td>
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<tr>
<td>Neighborhood Groups</td>
<td>30,737</td>
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<tr>
<td>Preparedness Organizations</td>
<td>13,498</td>
</tr>
<tr>
<td>Faith-based Organizations</td>
<td>166,366</td>
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<tr>
<td>Museums, Libraries, Parks, etc.</td>
<td>8,407</td>
</tr>
<tr>
<td>Volunteer/Service Clubs</td>
<td>258</td>
</tr>
<tr>
<td>Youth Organizations</td>
<td>1,993</td>
</tr>
<tr>
<td>Animal Shelter/Service Providers</td>
<td>273</td>
</tr>
<tr>
<td>Agriculture/Livestock</td>
<td>1,340</td>
</tr>
<tr>
<td>Volunteer Radio Groups</td>
<td>931</td>
</tr>
<tr>
<td>Science/Engineering Organizations</td>
<td>5,096</td>
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<tr>
<td>Media Organizations</td>
<td>13,671</td>
</tr>
<tr>
<td>Other</td>
<td>24,598</td>
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#### Businesses

<table>
<thead>
<tr>
<th>Business</th>
<th>City</th>
</tr>
</thead>
<tbody>
<tr>
<td>Del Norte</td>
<td>Mary Dorman - State Farm Agent, Crescent City Walmart 1916, Crescent City</td>
</tr>
<tr>
<td>El Dorado</td>
<td>AAA</td>
</tr>
</tbody>
</table>
Earthquake Drills in 2021

• Earthquakes likely will not happen at 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 2021

• 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 staff meetings, etc.

• **If in-person:** Provide ample space between people at all stages. Wear masks and other personal protective equipment in addition to regular hand-washing.
Great Shake Out Earthquake Drill: After Action Reporting & Improvement Planning
ShakeOut.org/COVID-19

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

Throughout the COVID-19 pandemic, we have had to make many adaptations for home, work, and school – all while learning a lot. As you plan for ShakeOut this year, consider: When was the last time you checked on your disaster supplies? Have you "Checked Your Space" to prevent damage and injury? What changes are there to your emergency plans and contacts? ShakeOut organizers are here to help you adapt.

As with any year, you can ShakeOut when and where you want, whether that's at home, work, school, or perhaps through a video conference with people working or living elsewhere. You can and should still practice how to be safe when the threat is not in the immediate future, even if your actions need to look different this year, but there has always been flexibility in how and when you would like to host your drill.

In many regions, ShakeOut has been an annual practice for more than ten years and has helped to improve the way that we work and live for them. This could mean you have your drill on another day than the year's International ShakeOut Day, October 21, or even multiple days depending on your situation.

While some ShakeOut drills and other activities may happen as always, there are some new considerations:

1. Where will you be for your drill? Together, or some at work, school or home? Consider video conferencing.
2. How will you incorporate COVID-19 health and safety guidelines into your activity?
3. Is it better to have everyone participate all at once, or perhaps in staggered (or even repeated) dates and times?

Over the years, many people have found more peace of mind by giving the extra mile as a part of their ShakeOut Day. They have made sure their furniture, appliances and entertainment are earthquake safe, worked with neighbors, schools, and co-workers to shake better disaster chains, and even recruited their neighbors and businesses. And of course, at a minimum, they have held a simple Drop, Cover, and Hold drill. This year, giving the extra mile might mean participating at a different time or location, with physical distancing and other protective measures in place.

We're all in this together.

NEW! Powerpoints for leading ShakeOut Drills (Online or In-Person)

These presentations have been developed for drill leaders to use online (distance learning or remote workers) but also can be used for in-person drills. Download the version for your group, and follow the instructions in the first few slides and in the notes for each side. Each presentation has optional slides, and multiple versions for formatting your drill (audio recordings or text you can read).

Considerations:

- Where will your drill be? In-person, remote, or both? Consider video conferencing and using drill leader presentations at ShakeOut.org/COVID19.
- Choose your own date (or even multiple dates). Most may still participate on International ShakeOut Day (10/21 this year).
- Follow local health and safety guidelines.

...What Else?

- Follow the Seven Steps to Earthquake Safety to protect your family, workplace, property, and way of life ahead of the next big earthquake: bit.ly/7stepsECA.
- For tools and tips to lead and support ShakeOut online or in-person, visit ShakeOut.org/covid19.
- Prepare for other hazards near you, such as extreme weather, fires, floods, tsunamis, landslides, and volcanic eruptions.
Great Shake Out Earthquake Drill: After Action Reporting & Improvement Planning

- To support remote working / distance learning, presentations were created for drill leaders with:
  - Guidance for leading online drills
  - Slides to explain DCHO and why
  - Slides with ShakeOut “drill narration” with and without sound effects
  - Questions for before and after

- Presentations made for 4 categories:
  - Grades K-4
  - Grades 5-12
  - Higher Education Organizations
  - Download: ShakeOut.org/COVID19

- Coming Soon:
  - Updated guidance
  - More categories (faith-based, healthcare, community groups, EOC drills, etc.)
  - More languages
Inclusive Shakeout Drill Considerations

- Build COVID-19 safety protocols into drills
- Ensure individuals in high-risk groups can participate safely
- Use online conference platforms for remote participation
  - Ensure close captioning is available for Deaf/Hard of Hearing participants
  - Ensure shared files/materials are speech-reader friendly
  - Ensure files/materials are translated for non-English speaking participants
  - ShakeOut.org/COVID-19 has presentations for leading online drills
ShakeOut Accessibility

Before the Drill:

- Ask “How can we assist you?”

- Determine best means to communicate with and/or assist participating community members with access & functional needs
Great Shake Out Earthquake Drill: After Action Reporting & Improvement Planning

Connect with ShakeOut and ECA

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

#ShakeOut

Great Shake Out Earthquake Drill: After Action Reporting & Improvement Planning
Questions?
2021 CMS Emergency Preparedness Toolkit

• Reflects all the changes from the Omnibus Burden Reduction (Conditions of Participation) Final Rule CMS-3346-F

• Streamlined, more user-friendly toolkit layout

• New provider reference chart for all changes

• Updated training, drill, and exercise resources

• Bonus – CCS Pandemic Planning Response Guide

• $600.00 that includes 2 hours of consulting
Disaster Exercise Resources/Education

- 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
- 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
Earthquake Resources/Education

- Earthquake County Alliance: https://www.earthquakecountry.org/
- The Great Shakeout: https://www.shakeout.org/
- Earthquake Early Warning: www.shakealert.org
- FEMA Mobile App and Text Messages: https://www.fema.gov/about/news-multimedia/mobile-app-text-messages
- Ready- Earthquakes: https://www.ready.gov/earthquakes
- USGS Earthquake Hazards Program: https://earthquake.usgs.gov/
- CDC - Preparing for an Earthquake: https://www.cdc.gov/disasters/earthquakes/prepared.html
Want More Information or Webinars?

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