

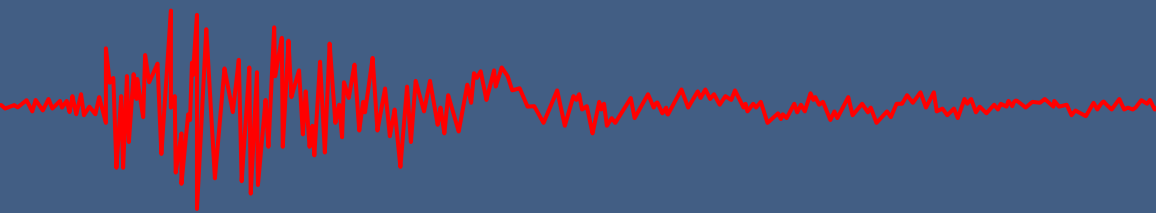
# 2022 Basin and Range Earthquake Summit

Utah Geological Survey

## Emergency Management – Day 4

**Technical Session 1** - Emergency Management

*Conveners: John Crofts (Utah Division of Emergency Management)*



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## **EMERGENCY MANAGEMENT – DAY 4**

### **Technical Session 1 - Emergency Management**

*Convener:*

*John Crofts (Utah Division of Emergency Management)*

The Magna Earthquake from a Public Works Perspective; *Leon Berrett, Salt Lake County Public Works*

\*Building Codes and Seismic Provisions, ACT-20 and USAP; *Jim McClintic, Sandy City, Chief Building Official and SAP Chair*

Small Tremors, Big Gaps: Identifying the Need for Robust Recovery for Smaller Disasters; *Emma McFee, Utah Division of Emergency Management*

\*Stanley Earthquake Response and COVID; *Susan Cleverley, Idaho State Hazard Mitigation Manager*

\*State Earthquake Clearinghouse; *Zack Lifton, Idaho Geological Survey, University of Idaho*

\*Utah K-12 Public Schools Unreinforced Masonry Inventory Report, Subsequent Steps, and Outreach Efforts: Saving Life, Property, Environment, and Commerce; *John Crofts, Earthquake Program Manager for the Utah Division of Emergency Management*

Impact of 1993 Klamath Falls Earthquakes; *Althea Rizzo, Geologic Hazards Program Coordinator for Oregon Emergency Management*

*\*No abstract available*

## THE MAGNA EARTHQUAKE FROM A PUBLIC WORKS PERSPECTIVE

M. Leon Berrett, Salt Lake County Public Works, [lberrett@slco.org](mailto:lberrett@slco.org)

### ABSTRACT

In March of 2020, Magna, Utah, experienced a 5.7 earthquake which caused significant damage to the old historic downtown part of the city. This presentation will review efforts performed by Salt Lake County Public Works, including the MSD (Municipal Service District) Building Department, to respond to the event. This includes preliminary response by public works and our emergency coordination center, initial road closures, preliminary building inspections along with damage assessments and tagging, longer term inspections and damage data accumulation, structural inspections of county buildings, and more. All of this was done during the beginnings of the Covid-19 pandemic.

**A video of this talk is available at the following link:**

<https://geodata.geology.utah.gov/pages/view.php?ref=77163>

**A PDF version of the author's slide presentation is available at the following link:**

[https://ugspub.nr.utah.gov/publications/misc\\_pubs/mp-177/mp-177-d4t1.pdf](https://ugspub.nr.utah.gov/publications/misc_pubs/mp-177/mp-177-d4t1.pdf)

## **BUILDING CODES AND SEISMIC PROVISIONS, ACT-20 AND USAP**

Jim McClintic, Sandy City, [jmcclintic@sandy.utah.gov](mailto:jmcclintic@sandy.utah.gov)

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<https://geodata.geology.utah.gov/pages/view.php?ref=77164>

## **SMALL TREMORS, BIG GAPS: THE NEED FOR ROBUST RECOVERY FOR SMALLER DISASTERS**

Emma McFee, Utah Division of Emergency Management, [emcfee@utah.gov](mailto:emcfee@utah.gov)

### **ABSTRACT**

It is no secret that Utahns are waiting for the “big one.” But when a smaller 5.7 rocked the town of Magna in March 2020, nobody expected the amount of damage it would cause. Over two years later, the State of Utah’s recovery team is still working with various cities and counties to help reimburse their costs and build back stronger. Although this was a smaller event, our recovery staff were put to the test, and it will be years before we wrap everything up. The Magna Quake showed us that moderate earthquakes are a big deal, especially for states with limited capabilities. I will discuss the recovery programs that were available, the challenges we faced, lessons learned, and what we are doing to improve our recovery response for future events, big or small.

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<https://geodata.geology.utah.gov/pages/view.php?ref=77165>

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[https://ugspub.nr.utah.gov/publications/misc\\_pubs/mp-177/mp-177-d4t3.pdf](https://ugspub.nr.utah.gov/publications/misc_pubs/mp-177/mp-177-d4t3.pdf)

## STANLEY EARTHQUAKE RESPONSE AND COVID

Susan Cleverley, Idaho Office of Emergency Management, [scleverley@imd.idaho.gov](mailto:scleverley@imd.idaho.gov)

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## STATE EARTHQUAKE CLEARINGHOUSE

Zack Lifton, Idaho Geological Survey, [zlift@uidaho.edu](mailto:zlift@uidaho.edu)

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**UTAH K-12 PUBLIC SCHOOLS UNREINFORCED MASONRY INVENTORY REPORT,  
SUBSEQUENT STEPS, AND OUTREACH EFFORTS: SAVING LIFE, PROPERTY,  
ENVIRONMENT, AND COMMERCE**

John Crofts, Utah Division of Emergency Management, [jcrofts@utah.gov](mailto:jcrofts@utah.gov)

**A video of this talk is available at the following link:**

<https://geodata.geology.utah.gov/pages/view.php?ref=77168>

**A PDF version of the author's slide presentation is available at the following link:**

[https://ugspub.nr.utah.gov/publications/misc\\_pubs/mp-177/mp-177-d4t6.pdf](https://ugspub.nr.utah.gov/publications/misc_pubs/mp-177/mp-177-d4t6.pdf)

## **IMPACT OF 1993 KLAMATH FALLS EARTHQUAKES**

Althea Rizzo, Oregon Emergency Management, [althea.rizzo@mil.state.or.us](mailto:althea.rizzo@mil.state.or.us)

### **ABSTRACT**

In 1993, Oregon experienced a series of damaging earthquakes in Scotts Mills and in Klamath Falls. These were the last damaging earthquakes in Oregon. While the Cascadia Subduction Zone poses a regional threat in the Pacific Northwest, local crustal faults, such as the ones in 1993, can be very damaging to a local economy and built environment.

This presentation will discuss the 1993 earthquakes in Klamath Falls and the impacts on the built environment and the people of the Klamath Basin. Oregon does not have earthquakes very often, so we need to understand and learn from the past.

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