

STATE OF OREGON
OFFICE OF EMERGENCY MANAGEMENT

OEM

Year in Review

2019



Message from the Director



2019 was a busy year for us here at the Oregon Office of Emergency Management. From managing new federal disaster declarations to the introduction of a new state-funded grant program, our team carried out our mission to build a statewide culture of preparedness. We've enjoyed working with our partners on planning and training initiatives, and are grateful to have our much-anticipated 2022 Cascadia Subduction Zone exercise designated a National Level Exercise by the FEMA Administrator in October. It will be the nation's cornerstone exercise for 2022. Across Oregon, we worked with our 9-1-1 partners to provide service and technology enhancements that help ensure Oregonians can receive emergency services wherever they are, and whenever those services are needed. We have accomplished much of what we had hoped in 2019, but as our hazards, our environment, and our communities change and evolve we know there is still much more for us to do.

Andrew J. Phelps
Director, Office of Emergency Management

1300 Search Rescue Missions	
11 Mitigation Projects AWARDED Totaling nearly \$2 million	6 Mitigation Projects COMPLETED Totaling approximately \$3 million
265 PERSONNEL Representing 68 AGENCIES Deployed through the Emergency Management Assistance Compact	
Approximately \$10 MILLION was reimbursed in firefighting personnel and equipment deployed through the Emergency Management Assistance Compact	
2 Presidential Disaster Declarations	
More than \$3.2 million awarded through the HOMELAND SECURITY GRANT PROGRAM	More than \$3 million awarded through the URBAN AREA SECURITY INITIATIVE
More than 42,000 Text-to-911 messages requesting assistance	Approximately 2 million 9-1-1 calls received statewide
\$5 MILLION AWARDED TO 80 LOCAL JURISDICTIONS through The State Preparedness and Incident Response Equipment (SPIRE) grant program	
Closed 3 Disasters Totaling \$102 million in projects	Working 5 Open Disasters Totaling \$113 million in projects
\$4.44 MILLION AWARDED TO 36, counties, 6 tribes and 6 cities through the Emergency Management Performance Grant Program	

Disaster Declarations

In 2019 OEM closed three disasters from previous years that helped 281 state and local governments, tribal governments and certain private nonprofits, totaling over \$102 million. Moreover, we currently are administrating five open disasters that are estimated to cover \$113 million in projects through the Federal Emergency Management Agency's (FEMA) Public Assistance Program.

The FEMA PA program provides aid through federal financial assistance for a major disaster to help communities in their recovery effort. OEM is the official recipient of FEMA federal assistance, who in turn administers the program and disburses the funds.

2019 Disasters

Two severe weather events in 2019 resulted in federal disaster declarations DR 4432 and DR 4452.

A complex, wet weather pattern impacted Oregon February 23-26. This severe winter storm brought a multitude of weather hazards that affected many areas of the state, bringing cold arctic air, heavy snow, and freezing rain that impacted areas of Coos, Curry, Douglas, Jefferson and Lane Counties. The result: Nearly \$30 million in damage and response costs to public infrastructure including roads and utility lines. Wet snow, downed trees and power outages left some residents without power, blocked major transportation routes and isolated communities for days. The state Emergency Coordination Center activated on February 27-28. Throughout the event, OEM coordinated calls with relevant state agencies, impacted jurisdictions and support entities. A major disaster declaration was signed on May 2. As of December 2019, FEMA has approved nearly \$2.4 million for reimbursement to affected communities to rebuild and recover.

An unusually wet period occurred over the State of Oregon during the April 2-6, 2019. The heavy rainfall combined with snowmelt runoff to set the stage for an extended period of flooding from the Willamette Valley to Eastern Oregon. The event caused approximately \$8.2 million in damage and emergency response costs



Powerline damage in Lane County DR 4432



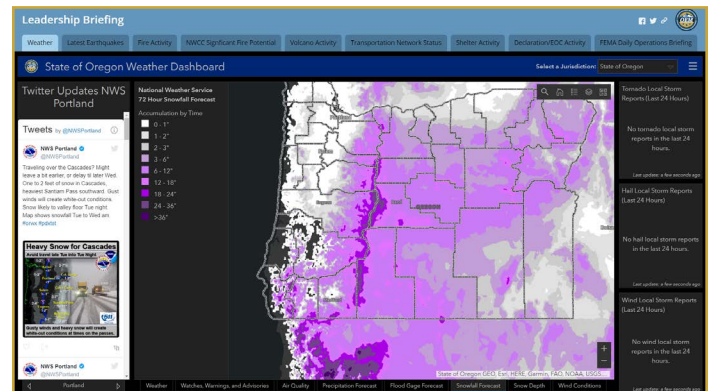
Damage to the Umatilla Bridge DR4452

to public infrastructure in the six hardest hit counties: Curry, Douglas, Grant, Linn, Umatilla and Wheeler. These counties were declared to be major disaster areas by President Trump on July 9, and federal disaster assistance is being provided to assist approximately 25 applicants in recovery.

Geographic Information Systems

Our GIS and Real Time Assessment Planning Tool for Oregon program, also known as RAPTOR, had many significant updates in 2019.

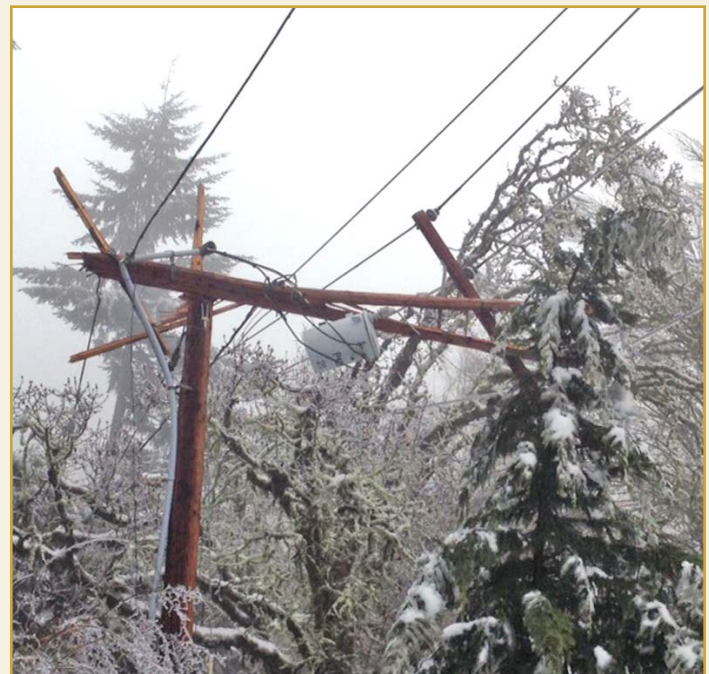
- A new Leadership briefing application highlights data that is relevant to weather, earthquakes, fires, floods, volcanoes, traffic, sheltering, declaration/EOC activity and the FEMA daily operations briefing
- Data sharing between common operating systems
- New disaster Story Maps help to paint the picture for major disasters
- Exercise Story Maps use maps/data/images/video to support exercises
- A new OEM GIS Hub Site puts all maps/apps/stories/videos and data for the public in one place at oregon-oem-geo.hub.arcgis.com



Hazard Mitigation

The Hazard Mitigation Grant Program is a great investment for Oregon makes communities safer and more resilient after a Presidential Major Disaster Declaration when requested by the governor or tribal executive. The key purpose is to take mitigation measures that reduce risk to life and property from future disasters.

The Oregon Office of Emergency Management supported 17 mitigation projects in 2019, including 11 new hazard mitigation projects totaling nearly \$2 million, and closed 6 mitigation projects that had been opened in previous years totaling nearly \$3 million. Completed projects include relocation of homes and businesses, elevation of property above flood zones, and other work on property to make it less flood prone. One of the projects closed in 2019 was in Lane Co. In that case, after a winter storm that that severely impacted power lines, the lines were moved underground to abate further damage from future severe weather events.



State Search and Rescue

OEM State Search and Rescue Coordinator Scott Lucas oversaw more than 1,300 SAR missions in 2019 that included the rescue of injured climbers, searching for overdue hunters, finding lost mushroom pickers and stranded motorists. More than 50 missions in 2019 were assisting with the location of lost/missing children and Alzheimer's and other dementia-related conditions.

The program continues to foster a coordinated and competent search and rescue community in Oregon.



2019 saw a record number of Search and Rescue missions that were handled without hesitation by our well trained, professional volunteers and the Search and Rescue Coordinators that make up our Search and Rescue community.

Emergency Management Assistance Compact

The Emergency Management Assistance Compact is an all-hazards, all-discipline mutual aid agreement that serves as the cornerstone of the nation's mutual aid system, allowing states to send personnel, equipment

and commodities to assist with response and recovery efforts in other states.

Through EMAC in October 2019, Oregon was one of eight states that deployed firefighting resources to California's Office of Emergency Services to assist with multiple wildfires burning in the state. Oregon teams from 67 local agencies

(271 fire personnel) assisted in the Burris Fire (Mendocino County) and the Kincade Fire (Sonoma) in which more than 185,000 people were evacuated.

Estimated costs for these deployments reached \$10 million, all of which is reimbursable to Oregon. This marked the fifth time the Oregon fire service has been deployed to assist California since 2017.

"I am thrilled to say this is the fifth time since 2017 that Oregon firefighting resources have answered the call to deploy to California 24-hours a day, 7-days a week within 12 hours each time. It is truly a team effort with our partners at Oregon State Fire Marshal," said Kelly Jo Craigmiles, OEM operations and emergency program coordinator.

In a separate EMAC request, and in coordination with the Oregon State Fire Marshal, OEM deployed a public information officer to the 2018 Alaska earthquake recovery effort.



Oregon assists California during Wildfires thanks to the Emergency Management Assistance Compact.

State 9-1-1 Program

The State 9-1-1 Program, which resides within OEM, administers the statewide emergency communications system. Its primary mission is to ensure the seamless operation of the system to ensure uniform, prompt and efficient access to public and private safety services throughout Oregon. Oregon is home to forty-three 9-1-1 centers known as Public Safety Answering Points (PSAP) that cover all 36 counties within the state. Approximately 2 million calls were made to 9-1-1 throughout Oregon in 2019. In addition, PSAPs processed more than 42,000 Text-to-911 messages requesting assistance.

Significant contributions from State 9-1-1 Program staff led to the successful increase in the 9-1-1 tax. This tax, which has been static since 1994, will support the continued improvement of the emergency communication system statewide. Other 2019 successes include improved program fiscal management through the establishment of a 9-1-1 infrastructure fund sustainability study group.



OEM Considers Emergency Management Accreditation



Since 2018 OEM has been evaluating its programs through the lens of national Emergency Management Accreditation

Program standards. In 2019, a staff survey was distributed that involved an evaluation of OEM program areas in concert with the EMAP standards. That information will result in the establishment of a program-wide needs assessment and the development of a recommended improvement plan to align OEM with EMAP standards. In addition to the internal assessment, OEM applied for and was approved to participate in a FEMA-funded contract to perform a full baseline assessment for EMAP in mid-2020. This represents the full EMAP assessment, with a team of assessors operating on-site to review our program areas. The data and information collected as part of our original internal evaluation will be the foundation for the formal baseline assessment, which could lead to full national accreditation toward the end of 2020, depending upon findings.

LEFT: 9-1-1 Section Manager, Frank Kuchta collaborates with members of the 9-1-1 team in the OEM Emergency Coordination Center.

Public/Private Partnerships

In July 2019, Sonya McCormick accepted the position of Public/Private Partnership program manager at OEM. She has established relationships with other regional and national public/private partners, and has created best practices for the public/private partnership program in Oregon.

The OEM Public/Private Partnership Program goals include:

- Increase emergency preparedness planning within the private sector
- Involve the private sector in disaster planning and response efforts in Oregon
- Engage and support the private sector in disaster recovery operations in Oregon



GRANTS

Emergency Management Performance Grant Program

In 2019, EMPG continued to be an important program for the emergency management community in Oregon serving all 36 counties, 6 tribes and 6 municipalities. A total of \$4,442,277 was awarded to fund personnel, equipment and day-to-day expenses for emergency management programs.

Homeland Security Grant Program

In federal fiscal year 2019, Oregon saw an approximate 11 percent increase in the Homeland Security Grant Program funding, with increases in both the State Homeland Security Program and the Urban Area Security Initiative.

SHSP is providing \$3,262,000 for 66 projects from jurisdictions around the state. UASI is supporting 24 projects with \$3,084,096 in the five counties which make up the Portland-metro area. All 90 HSGP projects are focused on increasing the ability to prepare for, respond to, and recover from terrorist and catastrophic events in Oregon.

The Non-Profit Security Grant Program provides funding for physical security enhancements and other security-related activities to non-profit organizations that are at high risk of a terrorist attack. Since the inception of the grant program in 2010, Oregon has never received more than \$150,000 in a single federal fiscal year, with one or two organizations receiving funding. In federal fiscal year 2019, Oregon received \$811,040 to directly benefit nine non-profit organizations.



OEM SPIRE Grant Coordinator Jim Jungling looks on as a Madras Public Works employee inspects a generator that was purchased with SPIRE Grant funding.

SPIRE Grant

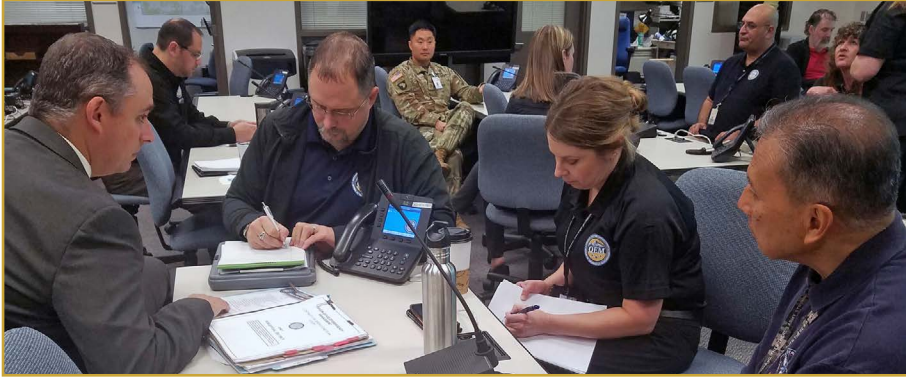
Twenty Oregon communities received an early holiday gift in December when 30kW, 56kW and 108kW generators were delivered, thanks to the disbursement of equipment from the new State Preparedness and Incident Response Equipment (SPIRE) Grant Program.

OEM purchased and facilitated delivery of equipment thanks to HB 2867, which became effective in August 2017. It established a funding source to distribute emergency preparedness equipment to local governments, and other recipients, to decrease risk to life and property in the aftermath of an emergency.

OEM developed the administration rules before receiving and facilitating an application review that proceeded the procurement and delivery of equipment in 2019. In all, 80 jurisdictions around the state will receive SPIRE-funded equipment, totaling \$5 million.



OEM Continuity of Operations Plan



The Oregon Office of Emergency Management, building on an ongoing continuity of operations program, in 2019 conducted a functional exercise to test the ability to operate from an alternate site. After a similar exercise in 2018 with a small number of OEM staff, the agency set the bar higher by relocating all staff members to an alternate facility for several hours. The exercise included communications,

transportation, and coordination with partners, all in order to practice for any potential disruption at OEM's main office in the Anderson Readiness Center. More than 20 OEM staff members participated while partners from FEMA Region X evaluated the progress of the exercise. Partners from DPSST and the Oregon National Guard also participated in the exercise, testing some of their own procedures during a relocation event. While there will always be an element of surprise and improvisation during events, exercises help develop the skills that OEM will need to meet the challenge.

Communications



In 2019, OEM updated its High Frequency Shares Program, a Homeland Security Grant Program program that allows state and local jurisdictions to use Federal frequencies. The SHARed RESources (SHARES) High Frequency (HF) Radio Program provides an additional means for users with a national security and emergency preparedness missions to communicate when landline and cellular communications are unavailable.

Our State Communications Officer, Doug Jimenez, also continues to develop and maintain the state volunteer amateur radio group that supports OEM at our office in Salem.

Training & Exercise

Training

The State Training Program provides coordination and support for preparedness training throughout the state in partnership with local jurisdictions and tribes. State-held courses in 2019 included:

- G0191 Emergency Operations Center/Incident Command System Interface
- L0449 Incident Command System Curricula Train-the-Trainer
- G0290 Basic Public Information Officer
- G0291 Joint Information System/Center Planning for Tribal, State, and Local Public Information Officers
- L0388 Advanced Public Information Officer

Exercises

OEM conducted three continuity of operations exercises: Two tabletop events including the Governor's Disaster Cabinet tabletop, and one functional exercise which required OEM to relocate to an alternate site. OEM also participated in several other exercises include an amateur radio Simulated Emergency Test (SET), and two Emergency Support Function 8-Health and Medical exercises ("Operation OX," and "PACE Setter").

Education and Outreach

In 2019, OEM's team of public information officers, our preparedness team, and various state and local partners helped to create a culture of preparedness in Oregon.

- The Oregon Office of Emergency Management annually coordinates outreach for the Great Oregon ShakeOut. In 2019, a record number – 740,000 – Oregonians participated in this important earthquake drill. Millions of people worldwide practiced “Drop, Cover, Hold On” at 10:17 a.m. on October 17. This outreach helped raise awareness about the importance of being prepared for earthquakes large and small.
- New Tsunami Inundation Zone wayfinding markers were provided to several Oregon coastal communities, thanks to an award from the National Oceanic and Atmospheric Administration through the National Tsunami Hazard Mitigation Program. The funding was facilitated by OEM and the Department of Geology and Mineral Industries.
- An important part of preparedness outreach includes OEM’s “2 Weeks Ready” campaign, which encourages people to be prepared to be on their own for a minimum of two weeks during an emergency. In 2019, OM updated our 2 Weeks Ready publications as the campaign continues to gain momentum in Oregon and elsewhere.
- OEM supported the FEMA Region 10 Youth Preparedness Council, the first-ever FEMA Region X Youth Camp, and visited a group of youth in Seaside that helped inspire their community to secure funding for tsunami wayfinding markers.



Students from the Seaside Associated Student Body leap past a tsunami inundation zone marker in Seaside, funded by the National Tsunami Hazard Mitigation Grant Program.



BELOW: OEM Director Andrew Phelps talks to youth at the first-ever FEMA Region X Youth Preparedness Camp in Stanwood, Washington.



OEM Planing Outreach and Presentations

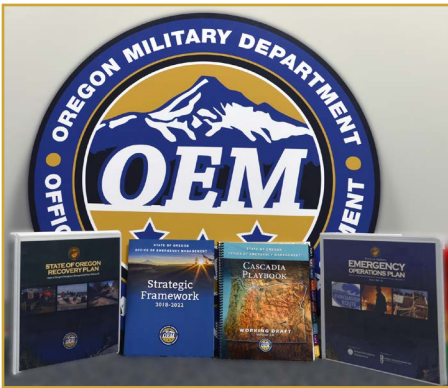
OEM partnered with Oregon Health Authority and the Department of Human Services to develop a workshop on disability access and inclusive planning in emergency management. This workshop was used to establish a focus and recruit members for the Disability Emergency Management Advisory

Council of Oregon, which is composed of a majority of people with disabilities and will provide consultation and guidance for emergency management efforts across the state.

The OEM conducted several presentations for groups including:

- State agency continuity of operations planners
- SAIF employees, Girls Who Code
- Professional Risk Managers Association, Philanthropic Educational Organization chapter

- Western Pulp, Paper & Forest Products Safety & Health Conference
- Oregon Association of Counties
- Coastal Legislative Caucus
- Oregon Rural Electric Cooperative
- League of Oregon Cities
- Oregon Emergency Management Association
- Red Cross Cascades
- U.S. Department of the Interior
- Oregon Education Association



Four important documents guided OEM in 2019: State Emergency Operations Plan, OEM Strategic Framework, State Recovery Plan and the Cascadia Playbook. An updated State Emergency Operations Plan was published on May 9. These document support local and tribal emergency operations and mitigation planning.

2019 Oregon Emergency Preparedness Workshop

Emergency management and public health teams from across the state convened at The RiverHouse in Bend in March 2019 for the sixth Oregon Prepared Workshop. The workshop theme, “Redefining the Emergency Management Community,” explored the evolution of emergency management profession and the variety of different disciplines that make up the emergency management community. The theme was reflected in a variety of class sessions, panel discussions and static displays.

The annual event, hosted by Oregon Office of Emergency Management and the Oregon Health Authority, is an opportunity to share state initiatives/programs, lessons learned and best practices, and to provide a networking arena.



Approximately 500 emergency management, health, private and non-profit professionals, volunteer organizations, law enforcement, fire and elected officials attended the 2019 Oregon Prepared workshop in Bend, representing all 36 Oregon counties.

The Oregon Emergency Response System Council

2019 was a very active year for members of the Oregon Emergency Response System Council (OERS) Council that consists of 33 state agencies representing 18 Emergency Support Functions. Highlights include:

- Creation of a Council Advisory Workgroup to help develop meeting and call agendas, provide exercise ideas and work on other issues brought forth to the Council
- Development and implementation of OEM's Maturity Model for both response and recovery focused agencies.
- Mini-exercises at quarterly meetings to test and validate improved Emergency Coordination Center processes, such as agency specific situation report forms
- A focused mini-exercise targeted on developing policy level questions and issues for the Governor's Disaster Recovery Cabinet annual exercise

- Response to ECC activations for the February winter storm and April flooding, both which received a federal disaster declaration
- Agency responses to numerous Emergency Management Assistance Compact requests for mutual aid assistance from other states

Oregon Emergency Support Functions (ESFs)



Public Information

OEM continues to develop its public information program that serves as a coordination and outreach resource to enhance Oregon's ability to get emergency information and preparedness information to media, legislators, stakeholders and the public. OEM, in coordination with the Oregon Department of Transportation, maintains the Oregon Emergency Public Information Collaborative (EPIC), a statewide public information resource consisting of state agency and other public information officers that conduct quarterly training and maintain PIO teams capable of deploying at any time to support information-based missions statewide.

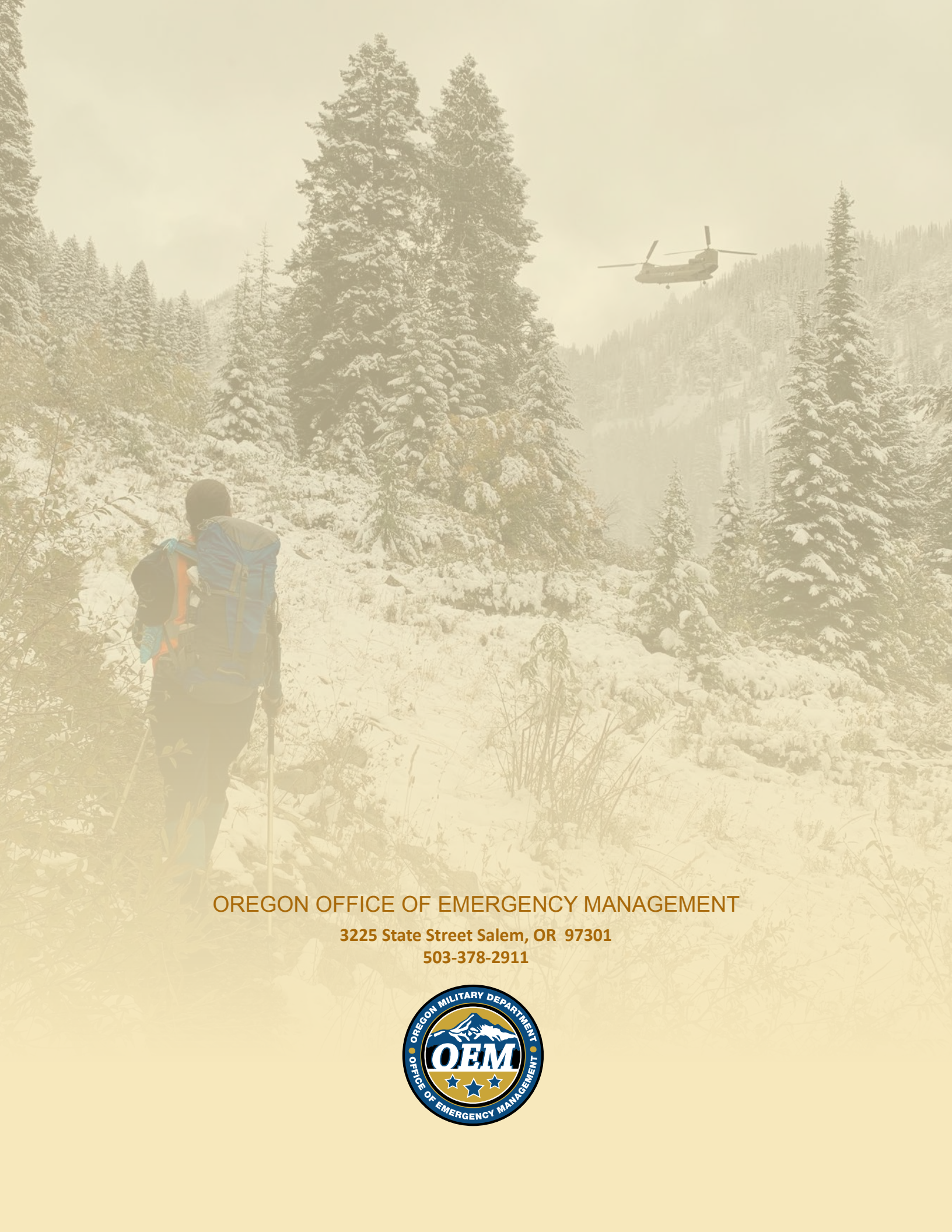
OEM reached approximately 1.5 million people through social media platforms such as Facebook and Twitter. Follow us at:

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OEM Deputy Director Matt Marheine talks to media during the Great Oregon ShakeOut.



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