

# PNWER Programs

## Center for Regional Disaster Resilience



11

Workshops, Summits, Webinars, or Exercises held this year.

970

Participants from the Northwest or across the Nation

**CYBERSECURITY**

**DRONES**

**CRITICAL INFRASTRUCTURE**

**WILDFIRE RESPONSE**

**EARTHQUAKE PREPAREDNESS**

**ELECTION SECURITY**

### CYBERSECURITY

Cybersecurity remains an area of emphasis for the CRDR who, this year, conducted two workshops with our partners, King County Emergency Management Advisory Committee (EMAC) and the Idaho Office of Emergency Management (OEM). The State of Idaho has contracted with PNWER for the past four years to assist in [developing public-private sector partnerships](#) focused on the need for cybersecurity prevention, response, and mitigation.

The CRDR completed the [Cyber Incident Reporting Concept of Operations \(CONOPS\)](#) for Washington State and is a model for the nation. This work was funded by a grant from the Department of Homeland Security Resilience Challenge Program. The CONOPS was developed via several workshops and a detailed survey that organizations could use to evaluate their cybersecurity program. This work was an outgrowth of many years of cybersecurity workshops where our participants indicated that it was not clear when, where, to whom, and how to submit reports of cyber-intrusions.

### DISASTER RESILIENCE CHALLENGE GRANT: DRONES

The CRDR, in partnership with the Global Resilience Institute, developed technologies to use [Unmanned Aircraft Systems \(UAS\)](#), or drones, to inspect critical infrastructures post-disaster under contract from the Department of Homeland Security. In 2019, the CRDR will be working with four states-- Idaho, Montana, Oregon, and Washington to develop a Concept of Operations (CONOPS) to establish an access control process for each state. This process will outline how critical infrastructure owners and operators can obtain access to their infrastructure in a disaster scenario in order to inspect and put the infrastructure back in operation. Additionally, each state will establish the type of information they would like to obtain about infrastructure damages to have a better common operational picture.

### INFRASTRUCTURE INTERDEPENDENCIES EXERCISE

The [Blue Cascades VII Infrastructure Interdependencies Exercise](#) brought 150 practitioners to discuss the impacts to critical infrastructure in the Puget Sound Region during a disaster. King County Homeland Security Region 6 provided the funding that enabled this event. Discussions centered on the challenges of multiple infrastructures being simultaneously impacted by an earthquake.

