



UPCOMING EVENTS

- September 18-20 – [2019 Cybersecurity Summit](#), National Harbor, MD
- October 15 – [Securing the Supply Chain Forum](#), Seattle, WA
- October 26-29 – [International Association of Chiefs of Police Annual Conference and Exhibition](#), Chicago, IL
- October 28-30 – [PORTCON Seaport Conference](#), Long Beach, CA
- November 17-19 – [2019 Economic Leadership Forum](#), Seattle, WA

CONTACT

- Want to know more? Visit us on the web at <http://nwrhc.pnnl.gov>.
- Contact the NWRHC with questions and comments at nwrhc@pnnl.gov.

AROUND THE REGION IN HOMELAND SECURITY

The Northwest Regional Technology Center (NWRHC) is a virtual resource center, operated by Pacific Northwest National Laboratory (PNNL), to support regional preparedness, resilience, response, and recovery. The center enables homeland security solutions for emergency responder communities and federal, state, and local stakeholders in the Northwest.

PREPARED, NOT SCARED: OBSERVING NATIONAL PREPAREDNESS MONTH

The 2019 National Preparedness Month (NPM) theme is “Prepared, Not Scared,” focused on helping people take the fear out of the unknown of disaster planning.

Hosted by the Federal Emergency Management Agency (FEMA) Ready campaign, NPM is observed each September to promote family and community disaster and emergency planning. This year’s campaign features four weekly focus areas:

- Sept. 1-7: Save Early for Disaster Costs
- Sept. 8-14: Make a Plan to Prepare for Disasters
- Sept. 15-21: Teach Youth to Prepare for Disasters
- Sept. 22-30: Get Involved in Your Community’s Preparedness.

The NPM Toolkit, accessible at <http://ready.gov/september>, offers user-friendly, sharable resources to prepare for disasters and reduce risks. From financial planning and insurance, to making an emergency plan, to talking to kids about emergencies—the NPM campaign helps users educate their families, businesses, and communities about preparedness.



**PREPARED,
NOT SCARED**



National Preparedness Month 2019

NATIONAL URBAN SECURITY TECH LAB TOURS PNNL CAMPUS

The U.S. Department of Homeland Security (DHS) National Urban Security Technology Laboratory (NUSTL) Director Alice Hong



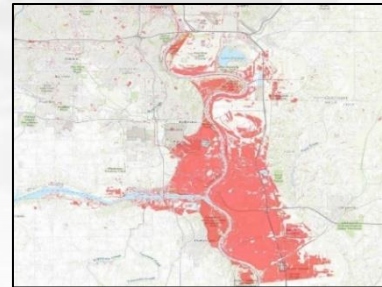
visited PNNL in Richland and Seattle, WA. Hong briefed staff on NUSTL's history, mission, and test and evaluation programs. PNNL program managers briefed Hong, accompanied by Physicist and Program Manager Gladys Klemic and Senior Technologist Bhargav Patel, on laboratory efforts supporting DHS, including explosive detection, cybersecurity, borders and maritime security, and emergency response. The NUSTL team met with subject matter experts in trace explosive detector development, passenger screening, visual analytics, and virtual reality systems, and toured facilities for testing public safety equipment and emergency responder technologies.

In cooperation with PNNL, NUSTL also recently conducted an operational assessment of gas chromatograph mass spectrometer instruments through its [System Assessment and Validation for Emergency Responders, or SAVER, program](#) at the City of Seattle Joint Training Facility in Seattle, WA. Three commercial, off-the-shelf models were assessed by first responder evaluators from Lafayette, IN; Maricopa, AZ; New York City, NY; Orlando, FL; and Washington, D.C. First responders use this technology to analyze chemical substances suspected to be narcotics, toxic industrial chemicals, and chemical warfare agents, among other threats.

HIGH-TECH DAMAGE ASSESSMENT SPEEDS DISASTER RECOVERY

PNNL designed a unique tool suite that uses satellite imagery to generate timely, detailed damage assessments to aid disaster recovery.

PNNL's analyses draw from a broad range of resources, including traditional optical satellites, radar satellites, and multispectral imagery, to create detailed assessments



of damage or likely damage to energy infrastructure. PNNL makes these assessments available quickly to U.S. Department of Energy leadership and responders in the field via a secure web link. The information enables disaster response leadership and field personnel more effectively prioritize and plan restoration efforts and determine how to safely access specific locations.

The tools provided crucial information about the severe flooding in the Midwest this spring and to several natural disasters in recent years. Read the [web feature](#) or contact [Andre Coleman](#) to learn more.

FREE VIRTUAL REALITY APP IMMERSES USERS IN NETWORK SECURITY

Want to get hands- and headsets-on with network preparedness? The award-winning [Network Collapse](#) virtual reality (VR) app immerses users in introductory concepts with a focus on computational science literacy and education. Created by PNNL's Office of STEM Education and Visual Analytics group, the experiential game features six progressively difficult levels that illustrate security, information protection, and network features. The app won the 2019 International Serious Play Gold Award.

Network Collapse is available on the [Oculus Go app store](#).



For more information, contact Director Ann Lesperance (ann.lesperance@pnnl.gov | (206) 528-3223), or Deputy Directors Ryan Eddy (ryan.eddy@pnnl.gov | (509) 372-6622) and Rob Jasper (robert.jasper@pnnl.gov | (509) 371-6430), or visit <http://nwrwc.pnnl.gov>.

PNNL-SA-147091