ORAU

National Security and Emergency Management Services

ORAU works with federal, state and local agencies to enhance emergency management planning and integrate their efforts to respond effectively to terrorism, natural disasters and other hazards. Our experienced team helps organizations identify and correct readiness gaps to strengthen their response plans.

What We Do

- Emergency Preparedness Planning and Response
- Radiation Emergency Medical Support and Training
- Policy Development and Implementation
- Exercise Program Design and Management
- Emergency Management Training
- Forensic Science Support and Training

ORISE

OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

Managed by ORAU for the U.S. Department of Energy

Emergency Preparedness Planning and Response

ORAU planning and operations professionals assist agencies with strategic planning and response training to ensure that they are prepared to coordinate with other agencies and manage a range of emergency scenarios. Our expertise includes:

- Incident management training and operational support
- Emergency preparedness
- CBRNE (chemical, biological, radiological, nuclear and explosives) terrorism preparedness
- Health preparedness
- Joint Information Center facility management
- Crisis communication and emergency public information
- Risk communication
- Emergency information management tools

Radiation Emergency Medical Support and Training

ORAU manages the Radiation Emergency Assistance Center/ Training Site, a U.S. Department of Energy response asset, with medical personnel on call 24/7 to provide consultation or deploy to treat victims of radiation exposure worldwide. REAC/TS' Cytogenetic Biodosimetry Laboratory is one of only a few labs worldwide able to assess the dose to individuals exposed to high levels of radiation.

Each year, thousands of people from more than 25 countries attend REAC/TS training. Visit our website for more information on the following courses as well as custom training options:

- Pre-Hospital Radiation Emergency Preparedness
- Radiation Emergency Medicine
- Advanced Radiation Medicine
- Health Physics in Radiation Emergencies
- Agents of Opportunity in Terrorism

Policy Development and Implementation

ORAU works closely with federal and state agencies to assist in developing and implementing policies to address preparedness, response and recovery for a variety of disaster scenarios. We have helped many federal agencies implement the Homeland Security Exercise and Evaluation Program and the National Incident Management System, and ORAU assists in the execution of the National Response Framework and the Radiological and Nuclear Incident Annex. We integrate policy guidance with exercise development and outreach efforts to provide our customers with comprehensive, integrated support.

Exercise Program Design and Management

ORAU provides workshops, tabletops, drills and exercises to prepare agencies to efficiently and effectively respond to terrorist acts, accidents or natural disasters. We plan, manage and evaluate exercises as part of a continuous improvement approach to help organizations enhance response skills and strategies, and our Exercise Builder software streamlines exercise planning and reporting. Our ongoing exercise programs include:

- National-level and no-notice exercises for the DOE National Nuclear Security Administration Office of Emergency Response
- California Emergency Management Agency's Golden Guardian exercises
- International workshops for the U.S. Department of State's Preventing Nuclear Smuggling Program
- Bureau of Reclamation Critical Infrastructure Exercise Program

Emergency Management Training

With the flexibility to customize course materials and deliver content online, onsite or paired with an exercise, ORAU helps emergency management professionals enhance their capabilities and achieve compliance with the National Incident Management System. Training includes:

- Emergency preparedness for CBRNE incidents
- Tactical CBRNE response
- Incident command
- Crisis and risk communications
- Emergency public information
- Joint Information Center facility management
- Spokesperson/public affairs
- Homeland Security Exercise and Evaluation Programs
- Emergency information management tools

Forensic Science Support and Training

ORAU provides direct forensic analytical support, consulting and training services for law enforcement and other organizations to support homeland security and military requirements. As one of the nation's largest private employers of forensic scientists and other forensic specialists, our capabilities include:

- Fingerprint analysis
- DNA and forensic biology
- Toolmark and firearm analysis
- Trace evidence
- Forensic photography
- Scene management and investigation
- Evidence processing and examination
- Laboratory management

Photo courtesy of DVIDS.

Customer Highlights

Fukushima Disaster Support

As a massive earthquake and tsunami touched off a nuclear reactor crisis in Japan, ORAU was among those U.S. organizations tapped to assist in the response.

- Within 48 hours, ORAU team members accompanied NNSA staff to Japan.
- 18 ORAU employees supported the NNSA Nuclear Incident Team convened in Washington, D.C. and would later receive DOE Secretarial Honor Awards for their efforts.
- Physicians and health physicists at REAC/TS responded to more than 200 inquiries about the medical impacts of radiation exposure.

Helping California Prepare for Emergencies

ORAU partners with the California Emergency Management Agency to execute Golden Guardian, an exercise series that tests the state's ability to respond to natural disasters, terrorist actions and radiological emergencies. Now the largest statewide exercise in the country, it includes more than 1,000 California cities, 58 counties, and 35 state, federal and private organizations.

Working with ORAU

We have a variety of contract vehicles in place to make it easy to work with us, including GSA schedules and the DOE Strategic Partnership Projects. For details, visit www.orau.org/contracts.

Key Customers

California Emergency Management Agency
International Atomic Energy Agency
Tennessee Valley Authority
U.S. Department of Energy, National Nuclear Security Administration
U.S. Department of Homeland Security, Federal Emergency Management Agency
U.S. Department of Interior, Bureau of Reclamation
U.S. Department of Justice
U.S. Department of State

ORAU

For more information:

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