

# NATIONAL RESEARCH COUNCIL

OF THE NATIONAL ACADEMIES

## AGENDA

### An All-of-Government Approach to Increase Resilience for International CBRNE Events: A Workshop

Thursday, June 20

National Academy of Sciences Building  
2101 Constitution Avenue, NW, Washington, DC 20418

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The effectiveness of the U.S. Government (USG) response and approach to chemical, biological, radiological, nuclear and high-yield explosives (CBRNE) events in partner nations depends on (1) the capability of the USG to provide timely and appropriate assistance; and (2) the resilience of the partner nation to a CBRNE event. The National Research Council of the National Academy of Sciences is hosting a workshop sponsored by the National Institute of Standards and Technology to discuss ways to strengthen the coordination and interoperability between USG and partner nations to prepare for and respond to CBRNE events. The workshop will bring together diverse experts and stakeholders to:

1. Identify capabilities that are necessary for responding to an international CBRNE event.
  2. Discuss best practices and resources needed for improved interoperability of the USG and partner nation during response to a CBRNE event.
  3. Identify key questions that need to be addressed in follow up activities focused on improving USG CBRNE response in partner nations.
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8:45 – 9:00 am

#### **Welcome**

*Dr. Gerald Galloway, Chair, Steering Committee, Workshop on an All-Government Approach to Increase Resilience for International CBRNE Events*

9:00 – 9:30

#### **Opening Remarks**

*Introduction: Micah Lowenthal, National Research Council  
Major General Julie Bentz, Director of Strategic Capabilities Policy, National Security Staff, Office of the President*

9:30– 10:15

#### **Keynote: An All of Nation Approach to International CBRNE Preparedness and Response**

*Introduction: Lauren Alexander Augustine, National Research Council  
Dr. Paul Stockton, President, Cloud Peak Analytics and Scholar in Residence, Homeland Security Policy Institute/George Washington University*

10:15 – 10:30

**Break**

10:30 – 12:00 pm

**Panel 1: Capabilities Needed for Effective Response to an International CBRNE Event**

Moderator: *Dr. Gerry Galloway, Glenn L. Martin Professor of Engineering, University of Maryland, College Park*

*Mr. Brian Lewis, Deputy Director, Technical Programs, Bureau of Counterterrorism, U.S. Department of State*

*Dr. Martin Cetron, Director, Division of Global Migration and Quarantine, Center for Disease Control and Prevention*

*Mr. Chad Gorman, Director, Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) Office, Response Directorate, Federal Emergency Management Agency*

- What capabilities do we need for effective response to a CBRNE event? How are these different from responding to all hazards?
- From the USG perspective, what capabilities are unique to responding to a CBRNE event in a partner nation?
- What are the gaps in capabilities for coordinating CBRNE response with partner nations?

12:00 – 1:00

**Lunch**

1:00 – 1:45

**Keynote: Opportunities and Challenges in Coordinating the Response to CBRNE Events: Fukushima Daiichi, A Case Study**

Introduction: *Dr. John Boright, Executive Director, International Affairs, National Academy of Sciences*

*Dr. Kiyoshi Kurokawa, Professor, National Graduate Institute for Policy, Japan*

1:45 – 3:00

**Panel 2: Best Practices for coordinated response to international CBRNE events**

Moderator: *Ms. Ann Lesperance, Deputy Director Regional Programs, Northwest Regional Technology Center for Homeland Security, Pacific Northwest National Laboratory*

*Dr. Daniel Blumenthal, NNSA Consequence Management Program Manager, Office of Emergency Response, Department of Energy*

*Mr. Charles Donnell, Vice President, Disaster Services Planning and Doctrine, The American Red Cross*



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*COL Patrick Terrell, WMD Military Advisor and Deputy Director  
for CBRN Defense Policy in the Office of the Deputy Assistant  
Secretary of Defense for Combating WMD*

*Mr. Brent Woodworth, President/CEO, Los Angeles Emergency  
Preparedness Foundation*

- What are best practices for effective response to CBRNE events in partner nations?
- What are examples of successful coordinated response efforts? What are the challenges?

3:00 – 3:15

### **Break**

3:15 – 4:15

### **Breakout Groups with Workshop Participants**

- What capabilities are needed for effective CBRNE response in a partner nation?
- What are the gaps in capabilities?
- What is needed to improve USG efforts for coordinated response to CBRNE events in partner nations?

4:15 – 4:45

### **Synthesis of Key Themes & Next Steps**

4:45 – 5:00

### **Closing Remarks**

5:00

### **Adjourn**



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