

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Health and Medicine Division and The Gulf Research Program

Preparing for a Rapid Response to Major Marine Oil Spills: A Workshop on Research Needs to Protect the Health and Well-Being of Communities

August 2, 2017

AGENDA

Location: Lecture Room – National Academy of Sciences Building
2101 Constitution Avenue, N.W., Washington, DC 20418

WORKSHOP OBJECTIVES:

1. Explore key research needs and other opportunities (e.g., collection of environmental, social, health data) for improving preparedness and public health response, and protection during and after oil spills (including physical, mental, and social aspects of health and well-being).
2. Discuss opportunities to work within the existing oil spill response framework to improve protection of the health and well-being of communities impacted by spills, and other approaches that could complement official response activities before and during spills.
3. Inform discussions about how the Gulf Research Program and other units of the National Academies of Sciences, Engineering, and Medicine can support these efforts before, during, and after an oil spill response.
4. Foster improved connections between oil spill practitioners, public health, and disaster research communities and leaders from communities impacted by oil spills.

8:30 am WELCOME AND OVERVIEW OF THE WORKSHOP

Ann Hayward Walker, President and Founder, Scientific and Environmental Associates, Inc.

8:45 am KEYNOTE PANEL I: OIL SPILLS AND THE COMMUNITY

Objective 1: Establish baseline understanding of the response to spills, including overview of National Contingency Plan and National Response Framework.

Objective 2: Establish baseline understanding of how marine oil spills can impact communities.

Objective 3: Describe the need to improve the science and practice of preparing for and responding to spills to better address the health and well-being of communities.

Moderator: Yvonne Najah Addassi, Chief of Preparedness, Department of Fish and Wildlife, Office of Spill Prevention and Response for the State of California

Speakers:

Roger Laferrriere, Emergency Manager, Rocky Mountain Laboratories, National Institutes of Health; former U.S. Coast Guard Federal On-Scene Coordinator, Deepwater Horizon oil spill in Louisiana

Liesel Ritchie, Associate Director, Natural Hazards Center, University of Colorado, Boulder

Greg DeMarco, Global Emergency Preparedness and Response Manager, ExxonMobil; Representative for American Petroleum Institute's Oil Spill Preparedness and Response Subcommittee

John Tarpley, Regional Operations Branch Chief, NOAA Office of Response & Restoration

9:45 am GROUNDING PRESENTATIONS

Objective 1: Provide an overview of foundational terminology and concepts for the discussions to follow.

Objective 2: Discuss the National Academies' and Gulf Research Program's (GRP's) roles in policy, practice, and research.

Moderator: Laura Runnels, LAR Consulting

Speakers:

Sharon Croisant, Associate Professor, Department of Preventative Medicine and Community Health, University of Texas Medical Branch at Galveston

Duane Gill, Professor, Center for the Study of Disasters and Extreme Events, Oklahoma State University
David Abramson, Director, Program on Population Impact Recovery and Resiliency, New York University
Yvonne Najah Addassi, Chief of Preparedness, Department of Fish and Wildlife, Office of Spill Prevention and Response for the State of California

LeighAnne Olsen, Director of Strategic Initiatives, Gulf Research Program

FACILITATED DISCUSSION

Laura Runnels, LAR Consulting

10:30 am BREAK

11:00 am PANEL SESSION I: HUMAN DIMENSIONS

Objective 1: Examine how marine oil spills impact the health and well-being of communities, including (1) the physical, mental, and behavioral health effects; (2) pollution concerns, such as emergency fishery closure and seafood safety; (3) economic losses and compensation issues experienced by those dependent on coastal resources, such as fisheries and tourism; and (4) social disruption.

Objective 2: Provide examples of innovative approaches that have been used to minimize these impacts on communities.

Objective 3: Discuss research opportunities and improvements to preparedness and response that can enhance community resilience and minimize the impacts of spills on community health and well-being.

Moderator: Elizabeth Fontham, Emeritus Professor and Founding Dean of the School of Public Health, Louisiana State University

Speakers:

Dale Sandler, Senior Investigator and Chief of the Epidemiology Branch, National Institute of Environmental Health Sciences

Keith Nicholls, Senior Associate Director, Coastal Resource and Resiliency Center, University of South Alabama

Mark Bonn, Professor, Dedman School of Hospitality, Florida State University

Paul Rainwater, Senior Consultant, Cornerstone Government Affairs

Bishop James Black, Executive Director, Center for Environmental and Economic Justice

FACILITATED DISCUSSION

Laura Runnels, LAR Consulting

12:30 pm LUNCH

1:30 pm PANEL SESSION II: STRATEGIES FOR COMMUNICATION AND CITIZEN ENGAGEMENT

Objective 1: Examine the role of communication and citizen engagement during an oil spill response.

Objective 2: Provide examples of innovative approaches to improve communication and citizen engagement to minimize the negative impact of marine oil spills on the health and well-being of communities.

Objective 3: Discuss what research and practice opportunities would improve preparedness, and the efficiency and effectiveness of communication and citizen engagement during response.

Moderator: David Abramson, Director, Program on Population Impact Recovery and Resiliency, New York University

Speakers:

Rear Admiral Peter W. Gautier, U.S. Coast Guard Senior Director for Response Policy, National Security Staff; former Commanding Officer Sector New Orleans and Deepwater Horizon National Incident Command Chief of Staff,

Thao Vu, Director, Mississippi Coalition for Vietnamese-American Fisher Folks and Families

Julie Falgout, Seafood Industry Liaison, Louisiana Sea Grant Extension Team

Eric Baumgartner, Community Health Consultant, former Senior Community Health Strategist, Louisiana Public Health Institute

FACILITATED DISCUSSION

Laura Runnels, LAR Consulting

3:00 pm BREAK

3:30 pm **PANEL SESSION III: COMMUNITY, DECISION MAKING, AND DATA**

Objective 1: Describe the individuals and entities, e.g., agencies, which have authority to make decisions that directly or indirectly impact the health and well-being of communities.

Objective 2: Examine the data needed to make decisions during response (for example: response practices related to human health and safety, fisheries closures / seafood safety, response strategies, e.g., dispersants), “owners” of data, reliability, validity, standardization, usability, accessibility, and gaps.

Objective 3: Discuss what research and practice opportunities would help to improve the efficiency, effectiveness, and transparency of data-informed decision making before and during response.

Moderator: Sharon Croisant, Associate Professor, Department of Preventative Medicine and Community Health, University of Texas Medical Branch at Galveston

Speakers:

Bernard Goldstein, Professor Emeritus, Environmental and Occupational Health, University of Pittsburgh

Thomas Dardar, Jr., Principal Chief, United Houma Nation Tribe

Emily Menashes, Acting Director, Office of Sustainable Fisheries, NOAA

Robert Dickey, Director, Marine Science Institute, The University of Texas, Austin

Lawrence Palinkas, Professor, Social Work, University of Southern California

FACILITATED DISCUSSION

Laura Runnels, LAR Consulting

5:00 pm **RECAP OF DAY 1 AND REVIEW OF DAY 2 SESSIONS AND OBJECTIVES**

Ann Hayward Walker, President and Founder, Scientific and Environmental Associates, Inc.

5:30 pm **ADJOURN DAY 1**

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August 3, 2017

AGENDA

Location: Lecture Room – National Academy of Sciences Building
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WORKSHOP OBJECTIVES

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8:30 am WELCOME AND OVERVIEW OF DAY 2

Ann Hayward Walker, President and Founder, Scientific and Environmental Associates, Inc.

8:45 am PANEL SESSION IV: SUSTAINING A COMMITMENT TO COMMUNITIES AS PART OF RESPONSE

Objective 1: Given workshop discussions to this point, examine how the interests and actions of the oil spill response community, community members, volunteers, emergency preparedness, and public health stakeholders could be better aligned and leveraged.

Objective 2: Discuss the formal and informal influences (regulatory drivers, motivations, incentives, values) that shape response to marine oil spills.

Objective 3: Discuss what research and practice opportunities are needed to improve stakeholder alignment and commitment to community health and well-being in response, with attention paid to direct and indirect impacts of oil spills on humans.

Moderator: Yvonne Najah Addassi, Chief of Preparedness, Department of Fish and Wildlife, Office of Spill Prevention and Response for the State of California

Speakers:

Captain Joseph Loring, Chief, Office of Marine Environmental Response Policy, United States Coast Guard

Jonathan Waldron, Partner, Blank Rome LLP

Gary Pearson, Assistant Director, Emergency Management Program, Department of Environmental Protection, State of New Jersey

Davin Holen, Assistant Professor and Coastal Community Resilience Specialist, Alaska Sea Grant Marine Advisory Program, University of Alaska Fairbanks

Kelly Wilson, Crisis Emergency Management, Anadarko Petroleum Corporation

FACILITATED DISCUSSION

Laura Runnels, LAR Consulting

10:15 am	BREAK
10:45 am	<p>KEYNOTE PANEL II: NEXT STEPS</p> <p>Objective 1: Reflect on key themes that emerged from the workshop.</p> <p>Objective 2: Discuss what work (research, policy, and practice) can be done to limit the impact of the next spill on the health and well-being of communities before the next spill occurs to improve preparedness and response.</p> <p>Objective 3: Discuss the role of the National Academies and the Gulf Research Program in that work.</p> <p>Moderator: Ann Hayward Walker, President and Founder, Scientific and Environmental Associates, Inc.</p> <p>Speakers:</p> <p>Nicole Lurie</p> <p>Nancy Kinner, Director, Coastal Response Research Center, University of New Hampshire</p> <p>FACILITATED DISCUSSION</p> <p>Laura Runnels, LAR Consulting</p>
11:45 pm	LUNCH
12:45 pm	<p>DISCUSSION ACTIVITY BRIEFING</p> <p>Facilitator: Laura Runnels, LAR Consulting</p>
1:00 pm	<p>DISCUSSION ACTIVITY Part 1</p> <p>Facilitator: Laura Runnels, LAR Consulting</p>
2:30 pm	BREAK
2:45 pm	<p>DISCUSSION ACTIVITY Part 2</p> <p>Facilitator: Laura Runnels, LAR Consulting</p>
4:15 pm	BREAK
4:35 pm	<p>CLOSING SESSION</p> <p>Facilitator: Laura Runnels, LAR Consulting</p> <p>Speaker: Ann Hayward Walker, President and Founder, Scientific and Environmental Associates, Inc.</p>
5:15 pm	ADJOURN DAY 2