

Integrating Public and Ecosystem Health Systems to Foster Resilience

Identifying Research to Bridge the Knowledge-To-Action Gap

MONDAY, SEPTEMBER 19, 2022

11:00 AM – 3:30 PM ET, virtual (via Zoom)

Session 1: What has been learned about how to integrate public health and Nature into research, policy, and practice to foster resilience?

11:00 AM Welcome & Introductory Remarks

Kathleen Rest, *committee chair*

Boston University Institute for Global Sustainability

11:15 AM Housekeeping Items, Meeting Logistics & Technologies

National Academies staff

11:20 AM Keynote Address

Taylor Ricketts

University of Vermont

Topic A: Exploring how public health, Nature, and their interconnections are valued

Moderated by

Katie Arkema, Pacific Northwest National Laboratory

Jessica LeClair, University of Wisconsin—Madison

11:45 AM Topic Introduction

Katie Arkema, Pacific Northwest National Laboratory

11:50 AM Plenary Speakers

Teddie Potter, University of Minnesota

Ann Marie Chischilly, Northern Arizona University

James Hassell, Smithsonian Institution

12:20 PM Q&A Discussion with Plenary Speakers

12:30 PM Panel Discussion with Speakers and Invited Panelists

John Balbus, Department of Health and Human Services

Sarah Olson, Wildlife Conservation Society
Teddie Potter, University of Minnesota
Ann Marie Chischilly, Northern Arizona University
James Hassell, Smithsonian Institution

1:15 PM **Break**

Topic B: Exploring challenges and gaps in current approaches and opportunities for moving from knowledge to action

Moderated by

Rodolfo Dirzo, Stanford University
Jonathan Sleeman, U.S. Geological Survey National Wildlife Center

1:40 PM **Topic Introduction**

Rodolfo Dirzo, Stanford University

1:45 PM **Plenary Speakers**

Kinari Webb, Health in Harmony
Angela Fernandez, University of Wisconsin—Madison
Steve Luby, Stanford University

2:30 PM **Q&A Discussion with Plenary Speakers**

2:35 PM **Panel Discussion with Speakers and Invited Panelists**

Anne Guerry, Stanford University
Catherine Machalaba, EcoHealth Alliance
Liz Willetts, International Institute for Sustainable Development
Kinari Webb, Health in Harmony
Angela Fernandez, University of Wisconsin—Madison
Steve Luby, Stanford University

3:20 PM **Closing Remarks & Plans for Workshop Days 2-3**

Kathleen Rest, Boston University

3:30 PM **END OF DAY 1**

THURSDAY, SEPTEMBER 29, 2022

10:00 AM – 4:05 PM ET, hybrid (via Zoom or in person at 500 Fifth St. Washington, DC, Room 206)

10:00 AM **Informal Networking**

10:20 AM **Welcome & Recap of Day 1**

Kathleen Rest, Boston University

Session 2: Advancement opportunities in transdisciplinary and community-engaged scholarship to improve integration of public health and Nature and inform policy and practice

10:45 AM **Session Introduction**

Shanondora Billiot, Arizona State University

Topic C: Addressing knowledge gaps through new and emerging cross-cutting research

Moderated by

Shanondora Billiot, Arizona State University

Rodolfo Dirzo, Stanford University

10:50 AM **Plenary Speakers**

Nicole Redvers, University of North Dakota

Judith Van Hoorn, University of the Pacific

Caroline Hickman, University of Bath

11:05 AM **Q&A Discussion with Plenary Speakers**

11:45 AM **Break (lunch)**

Topic D: Approaches for developing solutions

Moderated by

Albert Ko, Yale University

Benis Ego, University of California, Irvine

12:45 PM **Topic Introduction**

Albert Ko, Yale University

12:50 PM **Plenary Speakers**

Josh Rosenthal, National Institutes of Health Fogarty Center

Ana Cristina Cardoso, European Commission Joint Research Centre

Jan Semenza, University of Heidelberg

1:05 PM Q&A Discussion with Plenary Speakers

1:45 PM Break

Topic E: Breakout session – Considerations for developing key elements of a research agenda

2:00 PM Introduction to Breakout Session

Aaron Bernstein, Harvard University

2:15 PM Breakout Sessions

Questions to consider

Research areas: What research areas do you view as most important for improving understanding of public health and Nature interconnections and for advancing solutions that incorporate knowledge into policy and practice?

Approaches and engagement: What other considerations are important in developing a research agenda aimed at strengthening public health and Nature interconnections to move us from knowledge to action?

3:15 PM Reconvene & Plenary Report Outs

Moderated by **Jessica LeClair**, University of Wisconsin—Madison

4:00 PM Closing Remarks & Plans for Workshop Day 3

Kathleen Rest, Boston University

4:05 PM END OF DAY 2

FRIDAY, SEPTEMBER 30, 2022

10:00 AM – 3:45 PM ET, hybrid (via Zoom or in person at 500 Fifth St. Washington, DC)

10:00 AM Welcome & Brief Introduction to Day 3

Kathleen Rest, Boston University

10:10 AM Keynote Address

Aileen Lee

Gordon and Betty Moore Foundation

Session 3: Bridging the knowledge-to-action gap: strategies to translate knowledge into policy and practice

10:35 AM Session Introduction

Aaron Bernstein, Harvard University

Topic F: Crafting a research agenda that facilitates knowledge generation that informs action

Moderated by

Aaron Bernstein, Harvard University

Benis Ego, University of California, Irvine

10:40 AM Plenary Speakers

Josh Lawler, University of Washington

Mahtab Jafari, University of California, Irvine

11:00 AM Q&A Discussion with Plenary Speakers

11:10 AM Panel Discussion with Speakers and Invited Panelists

Craig Stephen, University of British Columbia

Neil Vora, Conservation International

Louise Willemen, University of Twente

Mahtab Jafari, University of California, Irvine

Josh Lawler, University of Washington

12:10 PM Break (lunch)

Topic G: Overcoming existing barriers to knowledge development and moving to action

Moderated by

Albert Ko, Yale University

Katie Arkema, Pacific Northwest National Laboratory

1:10 PM	Topic Introduction Albert Ko , Yale University
1:15 PM	Plenary Speakers Gretchen Daily , Stanford University Cristina Romanelli , World Health Organization
1:35 PM	Q&A Discussion with Plenary Speakers
2:15 PM	Break
<i>Looking to the Future</i>	
2:30 PM	Introduction Jonathan Sleeman , U.S. Geological Survey National Wildlife Health Center
2:35 PM	Plenary Speaker Eli Fenichel , Office of Science and Technology Policy
2:45 PM	Moderated Discussion with Conversationalists Sam Myers , Harvard University Benis Egooh , University of California, Irvine Eli Fenichel , Office of Science and Technology Policy
3:30 PM	Closing Remarks Kathleen Rest , Boston University
3:45 PM	MEETING ADJOURNS