

Sustainability Implications of the Ukraine Conflict and Global Food Security: A Workshop

Policy and Global Affairs Division
in collaboration with
Division on Earth and Life Studies, and Health and Medicine Division

Wednesday, June 1, 2022
All times are US Eastern Time

The public is invited to [register](#) to join virtually via a Zoom Webinar

AGENDA

Workshop Objectives:

- Raising awareness of the global food security challenges arising from the Ukraine conflict;
- Exploring approaches for improving global agricultural preparedness for crisis response; and
- Discussing strategies that might be applicable at different scales and opportunities for international collaboration.

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| 9:00 am | Welcome from the National Academies of Sciences, Engineering, and Medicine
Franklin Carrero-Martínez, Policy and Global Affairs Division
Elizabeth Eide, Division on Earth and Life Studies
Monica Feit, Health and Medicine Division |
| 9:10 am | Workshop Overview and Objectives
Klaus Tilmes, Senior Policy Advisor and Development Consultant (Sustainability Roundtable Chair) |
| 9:20 am | Framing Remarks: Research on Recurrent Acute Disasters, Global Environmental Change, and Sustainability
Gary Machlis, Clemson University and Miguel Román, Leidos |
| 9:50 am | Framing Remarks: Global Food Security Challenges and the Ukraine Conflict
Madhur Gautam, The World Bank |
| 10:25 am | BREAK |
| 10:45 am | Panel I: Challenges and Opportunities for Global Trade and Regional Supply Chains
<i>This panel will focus on challenges and opportunities for international trade and markets, including the impacts of supply chain disruptions/uncertainties and the importance of information sharing on commodities during crisis.</i>

Moderator: Jeff Martin, Tribal Planet <ul style="list-style-type: none">• Joseph Glauber, International Food Policy Research Institute• Nicoletta Batini, International Monetary Fund• Yousuf Al-Bulushi, German University of Technology in Oman |

11:45 am	Q&A and Discussion All Participants
12:00 pm	LUNCH
1:00 pm	Panel II: Improving Global Agricultural Preparedness for Crisis Response <i>This panel will highlight a systems perspective for improving global agricultural preparedness for crisis response, including the balance between greater resilience and efficiency, potential trade-offs, and unintended consequences to improve preparedness.</i> Moderator: Roni Neff, Johns Hopkins University • Marty Matlock, University of Arkansas • Ray Weil, University of Maryland • Nate Mook, World Central Kitchen
2:00 pm	Q&A and Discussion All Participants
2:15 pm	BREAK
2:30 pm	Panel III: Understanding Links between Climate Change and Security Implications <i>This panel will focus on the linkages between food insecurity and instability/conflict in a changing climate and possible approaches to address these types of risks among the national security community, including defense, diplomacy, development agencies, etc.</i> Moderator: Melissa Ho, World Wildlife Fund • Rod Schoonover, Council on Strategic Risks • Brian O'Neill, Pacific Northwest National Laboratory • Tegan Blaine, U.S. Institute of Peace
3:30 pm	Q&A and Discussion All Participants
3:45 pm	A Path Forward: Future Needs and Opportunities <i>Based on speaker presentations and panel discussions, participants will discuss strategies that might be applicable over multiple scales in time and space, as well as opportunities for international collaboration.</i> Moderator: Klaus Tilmes, Sustainability Roundtable Chair
4:25 pm	Wrap Up Klaus Tilmes, Senior Policy Advisor and Development Consultant (Roundtable Chair)
4:30 pm	Adjourns

Roundtable on Science and Technology for Sustainability

Thursday, June 2, 2022

All times are US Eastern Time

In Person

National Academy of Sciences, Lecture Room
2101 Constitution Ave NW Washington, DC

Virtual

ZoomGov Meeting

AGENDA

Meeting Objectives: Introduce new members to the Roundtable; inform current STS programmatic activities; and discuss potential Roundtable initiatives.

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| 9:00 am | Introductions and Meeting Goals
Klaus Tilmes, Senior Policy Advisor and Development Consultant, Roundtable Chair
Franklin Carrero-Martínez, National Academies of Sciences, Engineering, and Medicine |
| 9:05 am | STS Program Updates
Franklin Carrero-Martínez, National Academies of Sciences, Engineering, and Medicine |
| 9:10 am | National Perspectives and Current Priorities
Moderator: Frances Colón, Center for American Progress <ul style="list-style-type: none">• Shefali Mehta, U.S. Department of Agriculture• Geraldine Richmond (NAS), U.S. Department of Energy (virtually)• José Colucci Ríos, National Institute of Standards and Technology• Bruce Rodan, U.S. Environmental Protection Agency |
| 10:10 am | Q&A and Discussion
All Participants |
| 10:45 am | BRAK |
| 11:00 am | Strategic Planning for Future Activities
Moderator: Klaus Tilmes, STS Roundtable Chair |
| 11:45 am | Planning for Fall 2022 Roundtable Meeting
Moderator: Klaus Tilmes, STS Roundtable Chair |
| 12:00 pm | Adjourn |