

Advancing Success Towards SDG2 (Zero Hunger) Through Science & Technology

July 13, 2023

Open to the Public

Hybrid Event: NAS Building, Lecture Room, 2101 Constitution Avenue, NW, Washington, D.C.

AGENDA

*All times EDT (Washington, D.C.)

Introduction

9:00-9:05am EDT	Welcome Remarks Vaughan Turekian, <i>Executive Director, Policy and Global Affairs Division, NASEM</i>
9:05am-9:15am EDT	Keynote Remarks Cary Fowler, <i>Special Envoy for Global Food Security, U.S. Department of State</i>
9:15am-10:00 am EDT	Fireside Chat Moderator: E. William Colglazier, <i>Co-Chair, Roundtable on Global Science Diplomacy, NASEM</i> Bonnie Jenkins, <i>Under Secretary for Arms Control and International Security Affairs, U.S. Department of State</i> Najat Mokhtar, <i>Director of Nuclear Sciences and Applications, International Atomic Energy Agency</i>

10:00-10:10am EDT	Coffee Break
--------------------------	---------------------

SESSION 1: Ukraine – Food Security in Times of Conflict

10:10-11:30 am EDT	Moderator: Deanna Behring, <i>Assistant Dean and Director of Ag Sciences Global, Penn State College of Agricultural Sciences (virtual)</i> <u>Panel Presentations (5-10 mins per speaker)</u> Inbal Becker-Reshef, <i>Director, NASA Harvest Program (virtual)</i> Sergii Skakun, <i>Assistant Professor, University of Maryland</i> Lina Dotsenko, <i>Co-Founder and CEO, BRIDGES (virtual)</i> Andrii Martyn, <i>Head, Land-Use Planning Department; Professor, National University of Life and Environmental Sciences of Ukraine, Kyiv (virtual)</i> (~30 mins.) <u>Discussion and Q&A</u>
---------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SESSION 2: Latin America – Effects of Climate on Food Security

11:30am-12:45pm EDT	Moderator: Cherry Murray, <i>Deputy Director for Research, Biosphere2; Professor of Physics and Professor of Electrical and Computer Engineering University of Arizona</i> <u>Panel Presentations (5-10 mins. each)</u> Robert Bertram, <i>Chief Scientist, Bureau of Resilience and Food Security, USAID</i>
----------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>(~30 mins.)</p>	<p>Cynthia Rosenzweig, <i>Senior Research Scientist, NASA Goddard Institute for Space Studies (virtual)</i></p> <p>Elizabeth Hodson de Jaramillo, <i>Professor Emeritus, Pontificia Universidad Javeriana; Scientific Advisory Committee, UN Food Systems Summit (virtual)</i></p> <p>Mark Nakka Wuddivira, <i>Dean, Faculty of Food and Agriculture; Professor of Agri-Environmental Soil Physics, The University of the West Indies, St. Augustine (virtual)</i></p> <p>Rui Cardoso Pereira, <i>Head of Insect Pest Control Section, Joint FAO/IAEA Centre in Nuclear applications in Food and Agriculture</i></p>
<p>12:45-1:30pm EDT</p>	<p>Lunch</p>
<p>SESSION 3: Africa – The Next Breadbasket</p>	
<p>1:30-2:45pm EDT</p>	<p>Moderator: Andrew Gerard, <i>Program Manager, PEER Program, Bureau for Development, Democracy, and Innovation, USAID</i></p>
<p><u>Panel Presentations (5-10 mins. each)</u></p>	
<p>Channing Arndt, <i>Senior Director, Transformation Strategies, IFPRI and CGIAR</i></p> <p>Suresh Pillai, <i>Professor and Associate Department Head, Food Science and Technology, Texas A&M University</i></p> <p>Zeyaur Khan, <i>Program Leader, Push-Pull IPM Technology, International Center of Insect Physiology and Ecology (virtual)</i></p> <p>Peter Goldsmith, <i>Principal Investigator and Director, USAID Feed the Future Lab for Soybean Value Chain Research & Innovation to Impact Initiative; Professor, Department of Agricultural and Consumer Economics, University of Illinois (virtual)</i></p> <p>Shoba Sivasankar, <i>Head, Plant Breeding and Genetics, Joint FAO/IAEA Center</i></p>	
<p>(~30 mins.)</p>	<p><u>Discussion and Q&A</u></p>
<p>SESSION 4: Overlap and Interaction between SDG2 and Other SDGs</p>	
<p>2:45-4:00pm EDT</p>	<p>Moderator: Catherine Woteki, <i>Distinguished Professor, Biocomplexity Institute, University of Virginia; Former Undersecretary for Research, Education, and Economics, USDA</i></p>
<p><u>Panel Presentations (5-10 mins. each)</u></p>	
<p>Lisa Schechtman, <i>Senior Strategic Engagement Advisor, Center for Water Security, Sanitation, and Hygiene, Bureau for Resilience and Food Security, USAID</i></p> <p>Jodie Miller, <i>Head of the Isotope Hydrology Section, IAEA (virtual)</i></p> <p>Raymond Weil, <i>Professor, University of Maryland</i></p> <p>Rattan Lal, <i>Distinguished University Professor of Soil Science, Ohio State University (virtual)</i></p>	
<p>(~30 mins.)</p>	<p><u>Discussion and Q&A</u></p>
<p>4:00-5:00pm EDT</p>	<p>Coffee Reception & Networking Time</p>