

Putting food on the table during a climate crisis

Thutmose (100) 11 NOVEMBER 11:30 - 13:00

Food security is increasingly imperiled by the impacts of the climate crisis. At the same time, the food system is one of the key drivers of climate change. There is growing momentum for tangible action and commitments to transform our food systems to be more healthy, sustainable, and resilient to climate and geopolitical shocks. At the same time, pathways to achieving these commitments are unclear, and many networks are operating independently of each other.

Scientific research has a central role in developing food systems solutions. Ideally, state-of-the-art scientific insights should inform decision making. In turn, the challenges decision makers face should inspire more research. Yet research is often misaligned with stakeholder needs, and the lack of relevant science that is readily accessible to policymakers, businesses, and other stakeholders hinders opportunities for evidence-informed decision making. There is a critical need for collaboration across scientific disciplines and between researchers and food systems stakeholders to support transformation.

The complexity and interconnectivity of food systems and climate requires new approaches for strengthening science-to-action collaborations. Such approaches must be iterative, adaptable, multidimensional, and responsive to different scales and stakeholder needs. Achieving effective science-to-action collaborations will require institutional reforms that change how science and innovation are funded, governed, rewarded, and evaluated.

This session will discuss this changing role of science, articulate a clear vision for action research, and identify research and innovation priorities for putting food on the table during the climate crisis.

Welcome and Opening	<i>Alex Halliday</i> , Founding Dean, Columbia Climate School
Putting Food on the Table during the Climate Crisis: Current Challenges and Opportunities	<i>Purvi Mehta</i> , Deputy Director, Global Growth and Opportunities, Bill and Melinda Gates Foundation
How can science deliver a food systems transformation?	<i>Cynthia Rosenzweig</i> , 2022 World Food Prize Laureate, Founder, AgMIP, Senior Research Scientist, Columbia University/NASA GISS
Panel: Articulating a vision for action research	<p>Moderator: <i>Barbara Stinson</i>, President, World Food Prize Foundation</p> <p><i>Greg Sixt</i>, Director, Food and Climate Systems Transformation (FACT) Alliance, MIT</p> <p><i>Jim Hall</i>, Professor of Climate and Environmental Risk, Oxford University</p> <p><i>Muhammad Ibrahim</i>, Director General, CATIE</p> <p><i>Manuel Otero</i>, Director General, Inter-American Institute for Cooperation on Agriculture (IICA)</p> <p><i>Leanne Zeppenfeldt</i>, Knowledge & Partnerships Officer, Clim-Eat</p>
Wrap Up	<i>Kris Hamel</i> , Head of Adaptation, Recovery and Humanitarian Response for COP28, UAE

Livestream Link: <https://www.youtube.com/watch?v=-QAzH9q8XIE>