



World Scientific



Independent
Science and
Partnership
Council

W UNIVERSITY of WASHINGTON



Foresight @CGIAR

One-day pre-SC-7 event on horizon scanning and foresight in CGIAR

University of Washington, Seattle, 13 November 2018

The landscape of agricultural R4D is evolving rapidly, as the world faces new, more complex, and interrelated challenges—such as achieving food security in the face of climate change; meeting the growing global demand for agricultural commodities while reducing deforestation, biodiversity loss, and water scarcity; creating meaningful employment for a rapidly growing youth population; and, producing not just more food, but more nutritious food, in rapidly globalizing agri-food markets serving increasingly urbanized populations. There is pressing need to respond to these new challenges and develop innovative and effective solutions.

The objective of this event is to inform the development of a process for strategic foresight in CGIAR. It aims to: i) Synthesize results of ISPC foresight exercise on drivers of change and future trends affecting the global agri-food systems, and their implications for CGIAR research agenda, and ii) Consider options for the development of future Independent Science and Development Council (ISDC) work on foresight and horizon scanning.

The book *Agriculture & Food Systems to 2050* (World Scientific, 2018) will be launched during the event. This book features a comprehensive foresight assessment, exploring the pressures — threats as well as opportunities — on the global agriculture & food systems between now and 2050.

More information: <https://ispc.cgiar.org/meetings-and-events/foresight-cgiar>

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AGENDA – 13 NOVEMBER 2018

Time	Topics	Outputs/questions
9:00 10:00	Session 1: Introduction – Synthesis of ISPC foresight <ul style="list-style-type: none"> Welcome (Maggie Gill, ISPC) Synthesis of the ISPC foresight initiative (Prabhu Pingali, Cornell University/ ISPC & Rachid Serraj, ISPC Secretariat) Towards a framework for CGIAR foresight (Keith Wiebe, IFPRI; Philip Thornton, CCAFS & Leslie Lipper, ISPC Secretariat) Q&A – Discussion	Chair Maggie Gill (ISPC) Synthesis to provide background and raise questions on the trends/ big issues for the panels and the interactive session
10:00 – 10:30 COFFEE BREAK		
10:30 11:30	Panel 1: International Ag Research 4 Development – The changing roles <ul style="list-style-type: none"> Background paper: Leigh Anderson (UW) - CGIAR and alternative providers of research <i>Panel</i> <ul style="list-style-type: none"> Raj Paroda (India) – Role of Asian national programs Nighisty Ghezae (IFS/ ISPC) – Role of African national programs Pedro L.O. de Almeida Machado (EMBRAPA) – View from Brazil/LAM Discussion	Chair Nick Austin (BMGF) Futures of public vs private and philanthropic R4D investments
11:30 13:00	Panel 2: A new green revolution without mineral fertilizer? New pathways towards sustainable intensification <ul style="list-style-type: none"> Eileen McLellan (EDF) – Nitrogen scenarios Tom Bruulsema (IPNI) – Phosphorus scenarios Ken Cassman (University of Nebraska) – Resource-use efficiency and the yield gap Ruth DeFries (Columbia University) [<i>remotely</i>] – Natural resources and sustainable development Discussion	Chair Melissa Wood (ACIAR) Futures of resource use efficiency in agriculture in developing countries
13:00 – 14:00 LUNCH		
14:00 15:00	Panel 3: Disruptive technologies & innovation; Leapfrogging for development – opportunities for CGIAR? <ul style="list-style-type: none"> Patrick van der Duin (STT) – Disruptive technology in agriculture Bruce Friedrich (Good Food Institute) – Futures of food systems Jonathan Wadsworth (World Bank) – Leapfrogging for development in S.S. Africa <i>Panel</i> <ul style="list-style-type: none"> Jonathan Wadsworth (World Bank) – Leapfrogging for development in S.S. Africa Discussion	Chair Elwyn Grainger-Jones (CGIAR SMO) Futures of disruptive technology and how it may affect innovation in agriculture and food systems
15:00 16:30	Interactive session (“Coffee buffet”) Facilitators: Leigh Anderson & Leslie Lipper	Chair Karen Macours (ISPC/SPIA) Drivers of change affecting global agri-food systems and their impact on the poor in developing countries; Lessons for future ISDC foresight work
16:30 – 17:00 COFFEE BREAK		
17:00 18:00	Closing session <ul style="list-style-type: none"> Prabhu Pingali – Lessons learned and key messages Comments/responses from Panel Chairs Marco Ferroni (CGIAR SMB) – The way forward Closing remarks – Maggie Gill	Chair Rob Bertram (USAID) Main take-home messages
18:00	FREE INTERACTION (COCKTAIL HOUR)	