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SCIENCE
FORUM
2018



Independent
Science and
Partnership
Council



SCIENCE FORUM 2018

Win more, lose less:

Capturing synergies between SDGs through agricultural research

STELLENBOSCH, SOUTH AFRICA // 10 - 12 OCTOBER, 2018

SF18 | PROGRAM-AT-A-GLANCE

WELCOME

The objective of Science Forum 2018 (SF18) is to identify substantial interactions between the SDGs (both positive and negative), the role of agricultural research in augmenting synergies and managing trade-offs, and the ensuing implications for the science-policy interface. Results will contribute to the discussion of developing research themes and frameworks in CGIAR.

We are glad to have you here in Stellenbosch to participate in our forum! In this booklet, you will find the program for the three-day forum.



[#scienceforum2018](https://twitter.com/scienceforum2018)

DAY 1 - Wednesday, October 10

8:30 Registration

9:00
11:00 **PLENARY - Setting the scene: how are synergies and trade-offs between SDGs being addressed in policy and research?**

Chair: Jennifer Thomson, ISPC Member; Professor, Department of Molecular and Cell Biology, University of Cape Town

Opening welcome {
Maggie Gill
ISPC Chair; Professor of Integrated Land Use, University of Aberdeen
Shadrack Ralekeno Moephuli
President and Chief Executive Officer, ARC

Keynote speakers {
Jean-Pascal van Ypersele
Professor of Climatology and Environmental Sciences, Université catholique de Louvain, Earth and Life Institute
Salman Hussain
TEEB Coordinator



11:00-11:30 Coffee break

11:30
13:00 **PLENARY - Interactions between increasing staple crop productivity, resilience to climate change, improving nutrition and sustaining agrobiodiversity**

Chair: Patrick Webb, ISPC Member, Professor of Nutrition, Friedman School of Nutrition Science and Policy, Tufts University

Presentations {
Ruth DeFries
Professor of Ecology and Sustainable Development, Columbia University
Melinda Smale
Professor of International Development, Department of Agricultural, Food, and Resource Economics, Michigan State University

Panel {
Marianne Bänziger
Deputy Director General for Research and Partnership, CIMMYT
John McDermott
Director, CGIAR Agriculture for Nutrition and Health Program, IFPRI
Bhavani Shankar
Professor of Agriculture, Food and Health, SOAS University of London
Chris Surridge
Chief Editor, Nature Plants



13:00-14:00 Lunch

14:00
15:00 **PLENARY - Foresight and SDG interactions**

Chair: Rodomiro Ortiz, ISPC Member; Professor of Genetics and Plant Breeding, Swedish University of Agricultural Sciences

Presentation {
Prabhu Pingali
ISPC Member; Professor, Dyson School of Applied Economics and Management, Cornell University

Respondents {
Keith Wiebe
Senior Research Fellow, IFPRI
Ana Paula Aguiar
Research Fellow, Stockholm Resilience Center



15:00-15:30 Transfer

Breakout sessions

15:30
18:00

1. Breeding for multiple objectives - Crops to End Hunger Initiative - USAID and ISPC
2. Impact assessment of AR4D in the era of the SRF and SDGs: Challenges, methods and guidance - SPIA
3. Foresight and SDG interactions: Using foresight to assess the basis of SDG interactions under future scenarios - ISPC



18:00

ARC-hosted reception at Nietvoorbij campus

DAY 2 - Thursday, October 11

PLENARY - Interactions between intensifying livestock and aquaculture production for food and nutrition security, and: a) increased vulnerability to antimicrobial resistance and zoonoses; b) land use change

9:00
10:30

Chair: Maggie Gill, ISPC Chair; Professor of Integrated Land Use, University of Aberdeen

Presentations

Jonathan Rushton

Professor of Animal Health and Food Systems, University of Liverpool

Mario Herrero

Chief Research Scientist and Office of the Chief Executive Science Leader, CSIRO

Panel

Delia Grace

Program Leader Food Safety and Zoonoses, ILRI

Marius Gilbert

Head of Spatial Epidemiology Lab; FNRS Research Associate, Université Libre de Bruxelles

Luciana Gallardo Lomeli

Research Analyst, Global Restoration Initiative, WRI

Boulanouar Bouchaib

Principal Livestock Officer, ADB



10:30-11:00

Coffee break

PLENARY - Grappling with complex systems: the water-energy-food nexus experience

11:00
12:30

Chair: Holger Meinke, ISPC Member; Head, School of Land and Food; Director, Tasmanian Institute of Agriculture, University of Tasmania

Presentations

Mathew Kurian

Head of Unit, Capacity Development and Governance, UNU-FLORES

Francesco Fuso Nerini

Assistant Professor, Department of Energy Technology, KTH Royal Institute of Technology

Panel

Izabella Koziell

Program Director, CGIAR Research Program on Water, Land and Ecosystems

Jacques Wery

Deputy Director General and Director of Research, ICARDA

Sonja Vermeulen

Global Food Lead Scientist, WWF

Manuel Barange

Director, Fisheries and Aquaculture Division, FAO



12:30-13:30

Lunch



13:30-14:00

Transfer

Breakout sessions

4. Managing the roles of livestock and fish in sustainable food systems - ILRI, WorldFish and FAO
5. Synergies and tradeoffs among SDGs: the climate dimension - CCAFS and Sustainable Amazon Foundation
6. Nexus, Systems, Landscapes: Does Your Sector Still Matter? Rethinking the Agricultural Research Agenda to Help us Tackle Tradeoffs - CGIAR Research Program on WLE, IWMI and IFPRI
7. Managing tradeoffs: how do we translate research into evidence? - Cornell University and Nature Plants

14:00

17:00



18:00

ISPC-hosted reception at the Protea Hotel by Marriott Stellenbosch

DAY 3 - Friday, October 12

PLENARY - Report back from breakout sessions

9:00

10:30

Chairs: Nighisty Ghezae, ISPC Member; Director, International Foundation for Science and Rodomiro Ortiz, ISPC Member; Professor of Genetics and Plant Breeding, Swedish University of Agricultural Sciences



10:30-11:00

Coffee break

PLENARY - Strengthening the science-policy interface

11:00

12:30

Chair: Karen Macours, SPIA Chair; Associate Professor at the Paris School of Economics and Researcher at INRA

Presentation

Maggie Gill

ISPC Chair; Professor of Integrated Land Use, University of Aberdeen

Lindiwe Majele Sibanda

Co-Chair of GACSA

Purvi Mehta

Deputy Director and Head of Asia for Agriculture, BMGF India

Panel

Ruben G. Echeverría

Director General, CIAT

Sara Savastano

Director of Research and Impact Assessment Division, IFAD

Bernard Rey

Head of Cooperation, Delegation of the European Union in South Africa



12:30-13:30

Lunch

PLENARY - Implications for CGIAR and way forward

13:30

15:00

Chair: Leslie Lipper, Executive Director, ISPC Secretariat

Panel

Maggie Gill

ISPC Chair; Professor of Integrated Land Use, University of Aberdeen

Margret Thalwitz

Board Chair, ICARDA

Andrew Campbell

Chief Executive Officer, ACIAR

Hao Weiping

Deputy Director General, Department of International Cooperation, CAAS

Emmanuel Okogbenin

Director Technical Operations, AATF

Jimmy Smith

Director General, ILRI

More information: www.scienceforum2018.org

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