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.
## DAY 1 - Wednesday, October 10

### Registration
8:30

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

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

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

- **Shadrack Ralekeno Moephuli**
  President and Chief Executive Officer, ARC

**Opening welcome**

- **Jean-Pascal van Ypersele**
  Professor of Climatology and Environmental Sciences, Université catholique de Louvain, Earth and Life Institute

- **Salman Hussain**
  TEEB Coordinator

### Coffee break
11:00-11:30

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

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

- **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

### Lunch
13:00-14:00

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

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

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

**Presentation**

- **Keith Wiebe**
  Senior Research Fellow, IFPRI

**Respondents**

- **Ana Paula Aguiar**
  Research Fellow, Stockholm Resilience Center

### Coffee break
15:00-15:30
Breakout sessions
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
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

Coffee break

PLENARY - Grappling with complex systems: the water-energy-food nexus experience
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 Fusco Nerini
  Assistant Professor, Department of Energy Technology, KTH Royal Institute of Technology
- Izabella Koziell
  Program Director, CGIAR Research Program on Water, Land and Ecosystems

Panel
- 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

Lunch

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


7. Managing tradeoffs: how do we translate research into evidence? - Cornell University and Nature Plants

### 18:00

ISPC-hosted reception at the Protea Hotel by Marriott Stellenbosch

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### DAY 3 - Friday, October 12

#### PLENARY - Report back from breakout sessions

9:00

10:00

#### 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

11:00

12:30

#### PLENARY - Strengthening the science-policy interface

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

Ruben G. Echeverria
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

13:30

15:00

#### PLENARY - Implications for CGIAR and way forward

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

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More information: [www.scienceforum2018.org](http://www.scienceforum2018.org)

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