



Institute of  
Economic  
Growth

सत्यमेव परमो धर्मः



INTERNATIONAL  
FOOD POLICY  
RESEARCH  
INSTITUTE

## INNOVATION IN INDIAN AGRICULTURE: WAYS FORWARD

4-5 December 2014

*Kamladevi Complex, India International Centre  
40, Max Mueller Marg, New Delhi – 110003*

Programme

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# CONFERENCE PROGRAMME

**DAY ONE: Thursday, December 4, 2014**

**Venue: Multipurpose Hall**

**8.30 to 9.00: Registration**

**9.00 to 10.30: INAUGURAL SESSION**

**Structural Transformation, Innovation, and Investment in Indian Agriculture: Priorities for Accelerating Sustainable Growth**

**Chair: *Manoj Panda***, Institute of Economic Growth, Delhi

**Co-chair: *David J. Spielman***, International Food Policy Research Institute, Washington, DC

**Inaugural address: *Kirit S Parikh***, Integrated Research and Action for Development (IRADe), New Delhi

**Keynote address: *Ashok Gulati***, Indian Council for Research on Indian Economic Relations (ICRIER), New Delhi

**Panel Discussion**

***Uma Lele***, independent scholar and development economist, Washington, DC

***Ramesh Chand***, National Centre for Agricultural Economics and Policy Research, New Delhi

***Madhur Gautam***, World Bank, Washington, DC

***Meetu Kapur***, Confederation of Indian Industry, New Delhi

**10.30-11.00: Tea/coffee break**

## 11.00-12.30: *PLENARY SESSION*

**Venue: Multipurpose Hall**

### **Agricultural Productivity Growth, Technological Change and Institutional Innovation: Policy Solutions and Options**

**Chair:** *C.Ramasamy*, Indian Society of Agricultural Economics, Mumbai

**Co-Chair:** *Devesh Roy*, International Food Policy Research Institute, Washington, D.C

#### **Presentations**

*Keith Fuglie*, United States Department of Agriculture, Washington, DC

*Bina Agarwal*, University of Manchester, UK

*Bharat Ramaswami*, Indian Statistical Institute, New Delhi

*Rikin Gandhi*, Digital Green, New Delhi

## 12.30-1.30: Lunch break

## 1.30-3.00: *PARALLEL SESSIONS*

### **Session 1A: Productivity Growth, Research, and Development**

**Venue: Multipurpose Hall**

**Chair:** *Ashok vishan Dass*, Commission for Agricultural Costs and Prices, New Delhi

**Co-chair:** *Suresh Pal*, Indian Agricultural Research Institute, New Delhi

*Nicholas Rada*, U.S. Department of Agriculture, Washington, D.C

*Carl Pray*, Rutgers University, New Jersey

*Subash S.P.*, International Maize and Wheat Improvement Center (CIMMYT)

### **Session 1B: Rural Business Development and Environmental Sustainability**

**Venue: Seminar Hall 2**

**Chair:** *Sanjay Kaul*, National Collateral Management Services Ltd., Mumbai

**Co-chair:** *R.S. Deshpande*, Indian Council of Social Science Research (ICSSR)

*Mamata Swain*, Ravenshaw University, Cuttack

*Alwin Keil*, International Maize and Wheat Improvement Center (CIMMYT)

*Sibabrata Choudhury*, Landesa, Odisha, Bhubaneswar

*Jeetendra P. Aryal*, International Maize and Wheat Improvement Center (CIMMYT)

## Parallel Session 1C: Structural Transformation, Trade, and Agricultural Intensification

Venue: Seminar Hall 3

**Chair:** *J.S.Sandhu*, Agricultural Commissioner, Ministry of Agriculture, New Delhi

**Co-chair:** *Manmohan Agarwal*, Research and Information Systems for Developing Countries (RIS), New Delhi

*Alwin D'Souza*, Jawaharlal Nehru University, New Delhi

*Marta Kozicka*, University of Bonn, Germany

*Simi Mehta*, Jawaharlal Nehru University, New Delhi

**3.00-3.30: Tea/coffee break**

**3.30-5.00: PLENARY SESSION**

Venue: Multipurpose Hall

### Agricultural Science, Technology, and Innovation in India: Pushing at the Frontiers?

**Chair:** *Ramesh Chand*, National Centre for Agricultural Economics and Policy Research, New Delhi

**Co-Chair:** *N. Chandrasekhara Rao*, Institute for Economic Growth, New Delhi

*R. Ezekiel*, National Agricultural Innovation Project, New Delhi

*S. Senthilkumaran Krishnan*, Reliance Foundation, Mumbai

*Ronald J Herring*, Cornell University, Ithaca, USA

*Jyotsna Puri*, International Initiative for Impact Evaluation, New Delhi

## DAY TWO: Friday, December 5, 2014

9.00 to 10.30: **PLENARY SESSION**

**Venue: Multipurpose Hall**

### Strengthening Agriculture's Role in Improving Health and Nutrition in India

**Chair:** *Uma Lele*, Independent scholar and development economist

**Co-chair:** *H.P.S. Sachdev*, Sitaram Bhartia Institute of Science and Research, New Delhi

*William Masters*, Tufts University, Boston

*J.V. Meenaskhi*, Delhi School of Economics, New Delhi

*Purnima Menon*, International Food Policy Research Institute, New Delhi

10.30-11.00: **Tea/Coffee break**

11.00-12.30: **PARALLEL SESSIONS**

#### Parallel Session 2A: Value Addition and Agricultural Value Chain Development

**Venue: Multipurpose Hall**

**Chair:** *Siraj Hussain*, Secretary, Ministry of Food Processing Industries

**Co-chair:** *Anil Gupta*, National Innovation Foundation, Ahmedabad

*Bhushana Karandikar*, Independent Scholar

*Naresh Singla*, Central University of Punjab, Bathinda

*P.G. Chengappa*, Institute for Social and Economic Change, Bangalore

*Rajib Sutradhar*, Institute of Economic Growth, New Delhi

*Tara Nair*, Gujarat Institute of Development Research, Ahmedabad

#### Parallel session 2B: Technological Frontiers, Intellectual Property, and Productivity Growth

**Venue: Seminar Hall 3**

**Chair:** *Sachin Chaturvedi*, Research and Information Systems for Developing Countries (RIS), New Delhi

**Co-chair:** *Ram Kaundinya*, Association of Biotechnology Led Enterprises, Bangalore

*Sheetal Menon*, Indian Institute of Technology, Bombay

*Mrinalini Kochupillai*, Munich Intellectual Property Law Center, Germany

*Vivekananda Mukherjee*, Jadavpur University, Kolkata

*Saurabh Kumar*, CUTS International, Jaipur

12.30-1.30: **Lunch break**

### **1.30-3.00: PLENARY SESSION**

**Venue: Multipurpose Hall**

#### **Climate Change, Natural Resource Management, and Sustainable Intensification**

**Chair:** *Kirit S Parikh*, Integrated Research and Action for Development (IRADe), New Delhi

**Co-chair:** *Bharat Ramaswami*, Indian Statistical Institute, New Delhi

*Pramod Aggarwal*, International Water Management Institute

*Travis Lybbert*, University of California, Davis, California

*Patrick Ward*, International Food Policy Research Institute, New Delhi

### **3.00-3.30: Tea/Coffee break**

### **3.30-5.00: PANEL DISCUSSION**

**Venue: Multipurpose Hall**

#### **The Ways Forward for Indian Agriculture**

**Chair:** *Nitin Desai*, Institute of Economic Growth, New Delhi

**Speakers:**

*Abhijit Sen*, Jawaharlal Nehru University, New Delhi

*Uma Lele*, Independent scholar and Development Economist

*Pranav Desai*, Centre for Studies in Science Policy, JNU, New Delhi

*Peddireddy Changan Reddy*, Federation of Indian Farmers' Associations

*David J Spielman*, International Food Policy Research Institute, Washington, D.C

### **5:00: VOTE OF THANKS AND CONFERENCE CLOSING**

**N. Chandrasekhara Rao**, Institute of Economic Growth, New Delhi

## PRESENTERS AND PRESENTATION TITLES

Speaker	Topic
Uma Lele	India's Structural Transformation from a Comparative Perspective: Implications for Policy
Ramesh Chand	Issues and Challenges in Indian Agriculture: Implications for Development, Growth and Poverty Reduction
Madhur Gautam	Accelerating agriculture productivity growth in India: Issues and opportunities
Meetu Kapur	Structural transformations, catalyzing investments in agriculture
Keith Fuglie	Research investment and productivity growth in agriculture
Bina Agarwal	Gender inequality, farm productivity and institutional innovation
Bharat Ramaswami	MSP, Welfare and Reforms
Rikin Gandhi	Social networks for agricultural development
Nicholas Rada	Propelling Agricultural Productivity in India
Carl Pray	The transformation of Indian agricultural input industries: Has it increased agricultural R&D?
Subhash S.P.	Trade-off and synergies between agricultural intensification and ecological sustainability in Punjab
Mamata Swain	Climate change and crop insurance in India
Alwin Keil	Making zero-tillage technology accessible to poor farmers: Who are the 'serious' service providers?
Sibabrata Choudhury	Land allocation and homestead development for landless poor through convergence of government programmes
Jeetendra P. Aryal	Gender dimensions of climate change adaptation in agriculture: Evidence from Haryana and Bihar states of India
Alwin D'Souza	Structural transformation in the North-Eastern Region of India: Charting out an agriculture-based development policy



Speaker	Topic
Marta Kozicka	Foodgrain policies in India: Implication for stocks and fiscal costs
Simi Mehta	Agricultural policy processes and implications: A study of Indo-US agricultural cooperation
R. Ezekiel	Public-Private Partnerships in Agricultural Value Chains with Particular Reference to NAIP
S. Senthilkumaran	Information Communication and Technology as Driver of Open to Sky Ventures (Agriculture and Fisheries)
Ronald J Herring	It's not about the science: Technology, risk and welfare
Jyotsana Puri	Agricultural income or forests: Is it always a zero sum game?
William Masters	Agricultural development and nutrition improvement in comparative perspective: India, Africa and the rest
J.V. Meenaskhi	The paradox of underfed children in well-fed households: Some evidence from rural Bihar
Purnima Menon	Childhood undernutrition in South Asia: Perspectives from the field of nutrition
Bhushana Karandikar	Information and demand for food safety: Evidence from an in store experiment in Mumbai
Naresh Singla	Linkages between small scale producers and fresh food supermarkets in India: Impacts on income, efficiency and diversification
P.G. Chengappa	Sustainability certification initiatives in India: Perceptions and practices in coffee industry
Rajib Sutradhar	Does supplying fresh produce to supermarkets benefit farmers: Evidence from India
Tara Nair	Aggregation, organisation and market integration: A case study of a small farmer producer company in India
Sheetal Menon	Global assessment of concentration levels in plant variety protection (PVP) rights awarded: Comparison with the Indian context

Speaker	Topic
Mrinalini Kochupillai	Revisiting 'Market Failures' for Sustainable Innovations in Plant Varieties: A Review of Plant Variety Application Trends in India (2007-2014)
Vivekananda Mukherjee	Living with inaccuracy: How much accuracy do we need in GM testing technology?
Saurabh Kumar	Institutional and policy issues in seeds trade between India and Bangladesh: A study of challenges and opportunities
Pramod Aggarwal	Are we ready to scale-out climate-smart agriculture?
Travis Lybbert	Weather shocks and inter-hemispheric supply responses: Implications for climate change effects on global food markets
Patrick Ward	Farmers' preferences for abiotic stress-tolerant paddy in eastern India





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