

Agenda April 30th

9:00-9:30 **Welcome**

- Dr. Kathryn Sullivan, Acting Under Secretary of Commerce for Oceans and Atmosphere and Acting NOAA Administrator

9:30-10:30 **What does Open Data Look Like?**

This session will provide some case studies of the use of open data to illustrate some of the issues associated with presentation of the data in a way which optimises its usefulness for end-users. It will consider different types of data, guiding principles, and different uses of data, including both research data and national agricultural data-sets.

Moderator:

- Tim Benton, Champion, UK Global Food Security Programme, UK

Speakers:

- Johannes Keizer, Team Leader, FAO United Nations, Italy
- Dr. Sander Janssen, Wageningen, Netherlands
- Dr. Rajeev Varshney, Director, Center of Excellence in Genomics (CEG), ICRISAT, Hyderabad, India
- Mr. Marc Bernard, Federal Agency for Agriculture and Food, Bonn, Germany

10:30-11:00 **Networking Break-Out**

Open Data Productivity Growth

- Margaret M. Zeigler, Ph.D., Executive Director, [Global Harvest Initiative](#)
- Richard Kottmeyer, Global Ag and Food Production Leader, Accenture

11:00-12:00 **Making Agricultural Open Data Useful: Interoperability and Accessibility**

Providing open data is the first step to using open data, but it also needs to be clear, well structured, and accessible to developers, researchers, and analysts to create meaningful value. This session helps to clearly explain the importance and approach to making data accessible and interoperable. This sets in place the capabilities for looking at international, cross-border analysis and intelligence to support food security issues from climate change to crop viability.

Moderator:

- Jeanne Holm, [Data.gov](#), USA

Speakers:

- Danielle Gould, Food + Tech, USA
- Jimmy Wambua, MFarm, Kenya
- Professor Jim Hendler, RPI, USA
- Edwin Opare, Technical Lead and Open Data Evangelist, Ghana Open Data Initiative, Ghana
- Chris Greer, Associate Director, IT Lab, NIST, USA

12:00-1:00 **The Rice Bowl Index: Open Data, Open Dialogue**

- Andrew McConville, Head of Corporate Affairs, Syngenta Asia Pacific, Singapore
- Richard Leggett, CEO, Frontier Strategy Group, USA

1:00-2:30 **Platforms and Technology for Releasing Open Data**

This session will consider some of the technical aspects of sharing different types of data. Examples will be given of challenges encountered and overcome in relation to improving the interoperability of existing datasets and platforms. Data infrastructure solutions and services that facilitate integrated access to existing data sources by wide user communities will be presented.

Moderator:

- James Macklin, Research Scientist, Agriculture and Agri-Food Canada, Canada

Speakers:

- Paul Kersey, Coordinator, Trans-national Infrastructure for Plant Genomic Science (transPLANT), Framework 7 Program, European Union; Lead, Ensembl Genomes, European Bioinformatics Institute, Cambridge, UK
- Pankaj Jaiswal, Oregon State University
- Dr Josef Schmidhuber, Deputy Director of FAO Statistics Division Group, Italy
- Miguel Angel Sicilia, University of Alcalá, Spain
- Jacques Delince, Unit Head, JRC, EC, Spain
- Jawoo Koo, Research Fellow, IFPRI

2:30-3:00 **Networking Break (no presentation)**

3:00-3:45 **What is the demand for data for science and for policy in Africa?**

We need to fully understand the demand for data from Africa if we are to design and implement effective ways of sharing information. The session will hear from a number of prominent and innovative thinkers, who will explore the challenges facing African agriculture and how we can understand and meet the demand for the right information that addresses them.

Moderator:

- Prof. Tim Wheeler, Deputy Chief Scientific Adviser, DFID, UK

Speakers:

- Prof. Maggie Gill, Senior Research Fellow at DFID, UK
- Aaron Clapp, Hubbard Decision Research, USA
- Prof. Tim Benton, Head of Global Food Security Programme, UK
- Trevor Nicholls, the CEO of CABI, UK

3:45-4:30 **World Bank: Open Data and Global Agricultural Statistics for Use by African Policy Makers**

A panel will discuss constraints and political realities of data sharing and implementation of the Global Strategy to Improve Agriculture and Rural Statistics. Panelists will also address how governments and other policy makers may analyze, use, and deploy knowledge gained from open data and what the anticipated benefits may be for African countries

4:30-5:15 **Delivering on the Value of Ag Open Data Globally: leveraging the value of scientific open data from the research laboratory to the field**

This session demonstrates the impact of genomic and genetics open data on food security and showcases applications of open data. The session starts with the use of open data to strengthen corn and cassava improvement in Africa and moves to promising new international alliances to expand accessibility to open data to protect crops from disease and climate change. The session ends with future ideas on delivery of open data to scientists and farmers via both computer and cell phone.

Moderator:

- Kay Simmons, Deputy Administrator, USDA

Speakers:

- Edward Buckler, Research Geneticist, USDA
- Katherine Kahn, Senior Program Officer, Agricultural Development, Bill & Melinda Gates Foundation, USA
- Chiedozie Egesi, National Root Crops Research Institute, Nigeria
- Dan Stanzione, Deputy Director, Industrial Programs Group, Texas Advanced Computing Center; Principal Investigator, iPLANT Collaborative, USA

5:15-5:45 **Open Data: Challenges for the Future**

Leveraging Open Data to Accelerate the Development and Delivery of Farmer-preferred Product and Services in Africa

- David Bergvinson, Deputy Director, Digital Design for Agriculture, Bill & Melinda Gates Foundation, USA

5:45-6:00 **Concluding Remarks**

- Shaida Badiie, Director, Development Economics Data Group, World Bank