



Farmers' Access to Data Training

20th – 24th November 2017

Centurion, South Africa

Program

Day 1 – 20/11

Time	Topic	Trainer/Speaker
09:00	Welcome/Goals/Introductions/Logistics Agenda Review	Gracian Chimwaza, Valeria Pesce Dan Berne
09:30	What Do We Mean by Agricultural Data? Trends Driving Digital Agriculture	Dan Berne
10:30	Break	All
10:45	From Data to Knowledge FAIR Principles	Nicolene Fourie
12:00	Discussion	All
12:30	Lunch	All
13:30	Existing Data Services for Farmers (especially in Africa)	Anneliza Collett
15:00	Break	All
15:15	Availability and Usability of Key Data for Farmers	Stephen Kalyesubula

Day 2 – 21/11

Time	Topic	Trainer/Speaker
09:00	Exercise: Crop Planning	Stephen Kalyesubula



10:00	Use of Data in Farm Management Information Systems (FMIS) / Precision Irrigation	Dan Berne
10:45	Break	All
11:00	Use of Data in FMIS/Irrigation (cont'd.)	Dan Berne
11:45	Discussion	All
12:30	Lunch	All
13:30	Data Legal Issues and Data Ownership (U.S.)	Dan Berne
14:00	Data Rights in Agriculture	Nicolene Fourie
15:00	Break	All
15:15	Data Rights in Agriculture (cont'd.)	Nicolene Fourie
16:00	Round Table Discussion	All

Day 3 – 22/11

Time	Topic	Trainer/Speaker
09:00	Case Studies of South African Data Tools - CapeFarmMapper and CAMIS - Land capability application tool	FC Basson Hermann Strydom (Earth Observation Science & Information Technology of CSIR)
10:30	Break	All
10:45	Data tools / FMIS - Crop types classification support tools - Algal blooms info for aquaculture industry	Fanie Ferreira TBD (Earth Observation Science & Information Technology of CSIR)
12:00	Discussion: What's Working? What's Not?	All
12:30	Lunch	All



13:30	Mobile Apps Overview and Demonstrations - 2 demonstrations	Stephen Kalyesubula
15:00	Break	All
15:15	Mobile Apps Overview and Demonstrations - Farmboek	Stephen Kalyesubula Johannes Abbott
16:30	Discussion	All

Day 4 – 23/11

Time	Topic	Trainer/Speaker
All Morning	Digital Information in the Agricultural Value Chain	Group Exercise
	Explanation of Exercise/Assign Breakout Groups	Dan
9:15	Breakout Group Work (Build In Your Own 15 Minute Break)	All
11:30	Report Back Findings	Rep from Groups
12:30	Lunch	All
13:30	Final Q& A Session, Discussions, Summary of Key Challenges for Farmers and Intermediaries	Participants, Dan, Stephen, Valeria
15:00	Break	All
15:15	Continue Final Q& A Session, Discussions, Summary of Key Challenges for Farmers and Intermediaries	Participants, Dan, Stephen, Valeria



This training course has been convened and sponsored by
the Global Forum on Agricultural Research and Innovation (GFAR)

The training was also co-convened by:

- Local organizer: **Information Training and Outreach Centre for Africa (ITOCA)**
- The **Global Open Data for Agriculture and Nutrition (GODAN)** initiative
- The **Technical Centre for Agricultural and Rural Cooperation (CTA)**

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Trainers



Dan Berne from Logom Ag Initiative (United States)

Training coordinator

Dan Berne is an independent consultant working at the nexus of water, food and energy. He leads the strategic planning work in the industrial agricultural irrigation market for the Northwest Energy Efficiency Alliance (NEEA), a non-profit organization focused on energy efficiency.



Stephen Kalyesubula from iLabs@Mak Project of Makerere University (Uganda)

Stephen is a graduate researcher at iLabs@Mak project-Makerere University-Kampala-Uganda and his research deals in developing of automated embedded systems in agriculture and health to promote sustainable development in Uganda.



Nicolene Fourie from the Earth Observation Science & Information Technology of CSIR (South Africa)

Nicolene is currently employed as a Principal Scientist: Geo-Informatics with the Council for Scientific and Industrial Research (CSIR) in the Meraka Institute. Her research portfolio include the deepening of the CSIR capability in Information science for spatial information governance and management models in support of Advanced Spatial Data Infrastructure.



Anneliza Collett from the Land Use and Soil Management Directorate of the DAFF (South Africa)

Ms. Collett is a Production Scientist within the Department of Agriculture, Forestry and Fisheries in the Directorate: Land Use and Soil Management. She is responsible for the development and management of spatial information pertaining to the potential, suitability, use and state of the natural agricultural resource.