

Think Tank Discussion

27 Oct 2016

Moderator

Topics

- Group 1 - What are the big challenges for Agriculture in African context?
- Group 2 - What tools are used for agri using satellite / remote data collection (known and wish list)?
- Group 3 - Which are the Data sets that we would like to use (existing or not)?
- Group 4 - What are the practical , technical, policy, implementation obstacles to Location aspects/Geotechnologies for Agriculture?

Participants

- Jeremy Shidzugane
- Hildah Odero
- Ambrose Mbuvi
- Calvince Othoo
- Wilfred Achilla
- Meshack Oriama
- Oscar Naibei

Key research issues and trends

PRACTICAL OBSTACLES

- Cultural barriers
- Licensing issues for UAVS
- Primary Data integrity el Niño prediction
- Capacity building
- Technology adoption by the end user

TECHNICAL OBSTACLES

- Cost of technology
- Primary Data integrity and application.
- Technology adoption
- Primary data availability
- Technological complimentary

POLICY OBSTACLES

- Policy is restrictive-use of drones
- Licensing issues for UAVS

Key Opportunities

- Partnerships
- Networking
- Multi-stakeholders inputs
- Youth participation
- Gender mainstreaming
- Using the available open software data
- Information sharing and integration

Mid term (3-5 year) challenges

- Cost of the GIS commercial software
- Lack of appropriate GIS technical capacity
- Lack of awareness among the farmer groups
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Possible solutions

- Partnerships
- Sensitization and adaptation
- Collaboration

Possible solutions to midterm challenges

- Inclusion of agriculture in the national ICT strategy advocacy
- Consolidated efforts in data management
- Education and capacity building among users of the technology

Long term (10 year) research challenges

Possible solutions to long term challenges

- Partnerships
- Sensitization and adaptation
- Collaboration

Identify at least three key
research questions for
discussion