

Think Tank Discussion

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Moderator

Participants

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Topic

Data and Modeling

- Group 1 & Group 3
- Group 2 & Group 4

What are the practical , technical, policy,
implementation obstacles to enabling AgriGIS?

Key research issues and trends

Issues

- Data compatibility/ format
- data availability/ quality and cost
- End user

Trends

- Open data/ open learning
- Cloud based platforms
- Information sharing

Key Opportunities

- Collaboration - makes validation better
- Partnerships - organizations should collaborate
- Resource mobilization - (non financial), philanthropists e.g. BMGF
- Policy -review current policies to correspond with current technologies etc.

Mid term (3-5 year) challenges

- Licensing
- Obsolete data/outdated data
- End user challenges
- Accessibility
- Lack of capacity building
- Stakeholder collaboration/ weak partnerships
- Dissemination
- Needs assessment in communities
- Financial resources
- Accountability
- Lack of political goodwill

Possible solutions to midterm challenges

- Doing more field research and evaluations/ Participatory research
- Community sensitization
- Education and training
- Dissemination of information
- Carry out needs assessment
- More coordinated effort among stakeholders
- Review current policies

Long term (10 year) research challenges

- Change in government priorities
- Licensing
- Lack of political goodwill
- Policies
- Cultural - Behaviour change

Possible solutions to long term challenges

- Engaging local stakeholders e.g. village elders
- Sensitization
- Participatory approach to implementation
- Advocacy across different level of governments

Identify at least three key research questions for discussion

How do we incorporate qualified GIS staff in influential positions in GIS sector?

How do we ensure end users access user friendly formats of GIS?

How can we make key data, that can be used for modeling, open access?