

[Panel on User Needs Related to Food Resilience - Moderated by Brad Doorn, NASA](#) [1]

Submitted by Annie Keyes on Tue, 2014-12-30 12:27 Tuesday, January 6, 2015 - 10:30 to 12:00

Event: [Winter Meeting 2015](#) [2]

Session Type: [Breakout](#) [3]

Expertise Level: [Beginner](#) [4]

Abstract/Agenda:

Feedback to ESIP is often, 'we want to hear from the users of Earth science data and systems.' This panel is an attempt to answer that request. Panel participants will each have 10 minutes to (1) introduce their community (2) describe the kinds of data used, (3) problems related to Earth science data and information systems and (4) (hopefully) success stories of Earth science data or decision support systems providing benefit. The panel will be moderated by Brad Doorn.

Panelist

- Molly Brown, NASA/SMAP Early Adopter Program
- John Bolten, NASA (GEOGLAM)
- Gary Eilerts, Famine Early Warning Systems Network
- Josh Lieberman, OGC Agriculture & Climate WG
- Liangzhi You, International Food Policy Research Institute

Notes: Introduction to the panel

Brad Doorn - User Needs related to Food resilience

Speaker: Molly Brown NASA/SMAP Early Adopter Program

Africa's Food Security challenges - how to get data into the hands of the farmers themselves value-chain

NASA ACCESS Project

AGRA mFarms Platforms - mobile website and text messages - works in 17 countries

SMAP data coming

Speaker: Gary Eilerts, Famine Early Warning Systems Network

(no slides)

FEWSnet - human problems - long term relationships with multiple agencies data

measure food security data on a monthly basis for countries

drought is the biggest issue

Things looking for -

- a common metric
- water availability - a way of measuring this at local levels on a regular basis
- issues of famine - forecasting

Speaker: Josh Lieberman, OGC Agriculture and Climate Working Group

Agriculture and interoperability

what data means to agriculture

Collection, sharing, specificity of agricultural context

Interoperability issues, sources and scales

question of data - driven agriculture - learning how to apply - levels of sophistication for user

connecting the large scale to the local scale

Discusses initial OGC targets

Speaker: Liangzhi You, International Food Policy Research Institute

Statistics from Space?

describing partnership CGIAR

Discusses a hierarchy of crop related statistics that might be improved using Earth Science data

moderator welcomes comments and questions

Notes takers:

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