Panel: Observing Infrastructure - Africa

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Babatunde Rabiu  30 July – 4 August 2017, UN/USA ISWI Workshop, Boston
Uniqueness of SW over Africa

- Broad range of magnetic equator over land
- EIA width can be studied in its full spectrum
Instruments

✓ over 18 Magnetometers
✓ GNSS receivers
✓ All sky Optical Imager
✓ Fabry Perot Interferometers FPI
✓ Ionosonde
✓ SID monitors
Status of Space Weather Research facilities

✓ 30.2 million km²

- Mostly foreign intervention
- National Participation
Space Environment Research Lab, Abuja

- June 2015.
- Optical Imager, FPI, Magnetometers (2), GNSS Space Weather Monitor
due to national security reasons

Negotiable locations

Data gaps
Solving problems associated with remote facilities

- Data Gaps
- Epileptic power supply
- Internet connectivity
- Careless deployment

- More deployment
- Solar Power systems
- Local host participation
- Institutional commitment