



AfriGEOSS-EOPower-GEOGLAM
 Southern African sub-regional workshop on Agriculture
 Knowledge Commons (bldg 50), CSIR Campus, Meiring Naude Rd,
 Pretoria, 8-9 May 2014

Day 1 - 8 May

08h30-09h00	REGISTRATION
9.00 – 10h30 Session 1 Welcome and Introduction:	<ul style="list-style-type: none"> • Welcome Addresses & SANSA overview (<i>SANSA</i>) -20 min • Opening remarks (<i>DST</i>) • GEO and GEOSS (<i>GEO Sec</i>) • AfriGEOSS (<i>GEO Sec</i>) • GEOGLAM (<i>Terry or GEO Sec?</i>) • EOPower (<i>SANSA</i>) • The role of sub-regional structure and Bilateral agreements (<i>DST ICR</i>)
10h30 – 10h50	TEA BREAK
10h50 – 12h50 Session 2 National Earth Observation Use - Template 1	<ul style="list-style-type: none"> • Botswana (Basuti) • Malawi (Sinkonde) • South Africa (Newby) • Swaziland (Mkhonta) • Zambia (Evaristo?) – please confirm • Zimbabwe (Murwira)
12h50 – 13h30	LUNCH
13h30 – 14h30 Session 3 AfriGEOSS / GEOGLAM Coordination Framework	<ul style="list-style-type: none"> • Coordination at sub-regional level: example of AMESD/MESA (<i>MESA PM</i>) • How a National GEO may work: the example of South Africa (<i>NEOSS</i>) • AfriGEOSS / GEOGLAM Coordination Framework (<i>GEO Sec / NEOSS</i>) • Discuss / decide on initial / interim arrangements
14h30-15:15 Session 4 GEOGLAM, from Global to national. Technical session	GEOGLAM <ul style="list-style-type: none"> ○ The three objectives and their systems (Global System, Countries under stress monitoring system, Capacity development system) ○ Available data and tools ○ Rangeland monitoring (15 min) – Adjorolo

15h15 – 15h30	BREAK
15h30-17h30 Session 5 Country specific Agricultural monitoring systems. – Template 2	<ul style="list-style-type: none"> • Malawi (Kanyangalazi) • RSA (Ferreira) • Zimbabwe (Murwira) • Zambia (Evaristo) • Botswana (Basuti) – requirements (10min) • Swaziland (Mkhonta) – requirements (10min)
PROGRAM ENDS AT 17h30	

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Day 2 - 9 May

PROGRAM STARTS AT 9.00	
09h005 – 11h15 Session 6 Elements of a GEOGLAM, National and Regional Agricultural System roadmap(s) for Southern Africa	<ul style="list-style-type: none"> • Facilitated Discussions on: <ul style="list-style-type: none"> ○ Common Elements of a national system ○ Scaling issues <u>up</u> National to sub regional, down National <u>to</u> local (district) unit ○ Users needs/application priorities ○ Gaps (Capacity (Institutional, HR), Data (EO), and Infrastructure). • Initial Roadmaps
10h45 – 11h15	BREAK
11h15 – 12h45 Session 6 (con't)	<ul style="list-style-type: none"> • <i>Facilitated Discussions (cont)</i> • Components of a Sub regional GEOGLAM System
12h45 -13h30	LUNCH
13h30 –15h00 Session 7 Elements of an AfriGEOSS Roadmap for Southern Africa	<ul style="list-style-type: none"> • Priorities for applications development • Data & Infrastructure • Capacity building • Roadmap development
15h00 – 15h30 Session 8 Closing session	<ul style="list-style-type: none"> • The Call for Implementation of AfriGEOSS in the Southern Africa sub region (<i>Workshop Resolution/Statement</i>) • Closing remarks
PROGRAM ENDS AT 15h30	



TEMPLATE FOR COUNTRY PRESENTATIONS (20 Minutes)

TEMPLATE 1 (Session 2)

1. Brief overview of the general EO Landscape in your country (data acquisition, data processing, data use for decision making -1-5 Slides)
 - a. Mandates & responsibilities
 - b. Organizational / Institutional arrangements
 - c. Reporting and information flow
 - d. Capacity & Infrastructure
 - e. Resourcing
2. Users needs-Priorities for application development (5 Slides)
3. Overview on Agricultural Monitoring (Systems, Gaps, Constraints, Plans – 4 Slides)
4. Proposed AfriGEOSS Point of Contact & contact details (for further networking and information) (1 Slide)

Notes: *Each country is given the opportunity to present for 20 minutes.*

TEMPLATE 2 (Session 5)

1. Overview of agricultural monitoring in your country (2 Slides)
 - a. Mandates & responsibilities
 - b. Organizational / Institutional arrangements
 - c. Reporting and information flow
 - d. Capacity & Infrastructure
 - e. Resourcing

2. Agricultural Monitoring System(s) (10 Slides)
 - a. Sample design & Statistical methodology
 - b. Data source (Remote Sensing or In-situ surveys)
 - c. Outputs (Area, Crop Type, Yield, Crop Condition, Planting progress, Harvesting Progress, Resource condition – *Erosion, degradation, biomass production for rangelands, invader vegetation*)
 - d. Status: Operational, semi operational, Research & Development
 - e. Infrastructure, capacity and resourcing
 - f. Gaps and constraints

3. Point of Contact PoC for Agricultural Monitoring & contact details (for further networking and information) (1 Slide)

Notes: *This template is aimed at countries that have existing operational systems that shall be presented. Each country is given the opportunity to present for up to 25 minutes. For countries with no system in place please briefly present on the Gaps and Constraints within your specific country for approximately 10 min.*