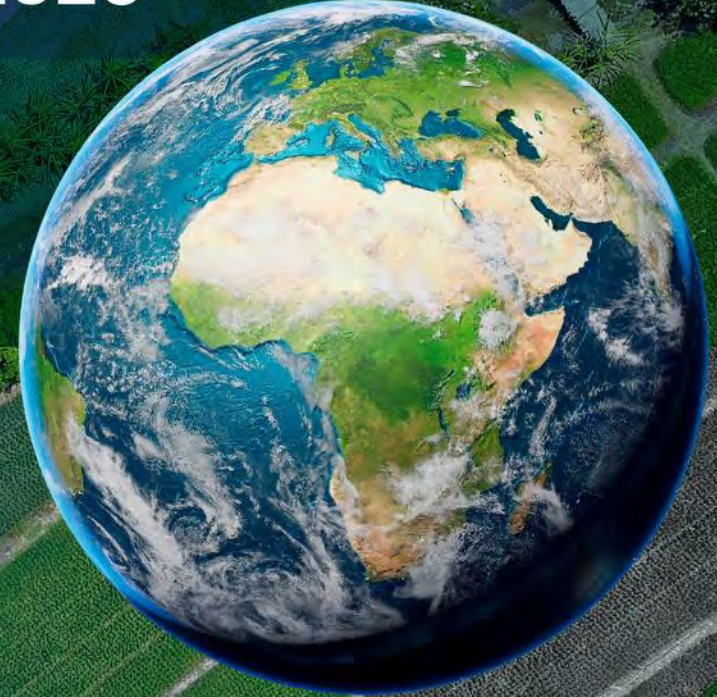


COMMUNITIES OF PRACTICE (COP)
INTEGRATED WORKSHOP AND TRAINING **2026**

Human Settlements and Spatial Planning



INTEGRATED WORKSHOP

*An initiative of the DSTI that is hosted and
managed by the CSIR*

Draft Strategy



Co-Chairs

COP CO-CHAIRS

Dr Nale Mudau



Doctor of Philosophy (PhD): Remote Sensing from the University of the Witwatersrand, Master of Science (MSc): Remote Sensing from Université Pierre et Marie Curie (Paris VI) and Bachelor of Science (BSc): Mathematics and Chemistry from the University of Venda. Manages data products and services at SANSA, currently serving as the Acting Sector and Business Development Manager for Earth Observation. Prominent Remote Sensing Scientist) promoting space technologies and Earth intelligence for societal benefit and decision-making. Led major national projects including the SPOT Building Count, the National Human Settlements Layer, and the National Informal Settlement Layer. Global Collaboration: Co-chairs the South Africa-GEO Human Settlements Working Group and AfriGEO Sustainable Urban Development Working Groups and has published research articles.

Ms Flora Makgale



MSc Geo (RS & GIS), BSc Hons Geo & BSc Chem all from NWU. Geomatics Practitioner (GPrGISc1508) for 19 years at Ngaka Modiri Molema District Municipality (NMMDM). Responsible for geospatial data/information production in line with SA SDI and acquisition of secondary data such as (EO) from key stakeholders to support/ inform planning, decision making, policy review and formulation, problem solving, reporting, etc. And give support to the LMs. Stakeholder engagements through establishment of forum(s) and actively participate in various forum, etc. Established collaborations with other data custodians to support decisions and advance deliver of basic services.

CONTEXT AND OBJECTIVES

CONTEXT

- Improve decision-making in spatial planning using Earth Observation (EO) data.

OBJECTIVES

- Promote the use of EO data by government authorities in decision-making.
- Promote data access and sharing
- Share knowledge and build capacity
- Identify data gaps and user requirements
- Promote collaboration among data producers and users

Objectives, Strategy and required resources

Objectives

Promote the use of EO by government authorities in decision making

Promote data access and sharing

Share knowledge and build capacity

Strategy

- Target existing governance structures (GIM/GIS, SPLUMA, etc. Forums)
- Support the strengthening/establishment of governance structures
- Skills Audit
- Raise Awareness (Joint initiatives with Government Committes, Vas, HIL)
- Workshop/Training on GEO Activities, e.g. GKH

- Target existing Platform (National, Provincial and LG GIS portals)
- Collaborations (Decision Support Tools (DST))
- Promote the use of GKH

- Workshop/Training, e.g. GKH
- Target and promote the use of existing funding models (ISDG),SETA
- Tap into existing national, provincial collaborative support/opportunities (CoGTA, DFFE Internships)
- Collaboration with other CoPs

Required Resources

Stakeholder engagements (GKH, Survey 123)
Training (Regional/National) Workshops (Regional/National) National Conference

Training on GKH (Regional/National) Workshops (Regional/National) National Conference

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Objectives, Strategy and required resources

Objectives

Identify data gaps and user requirements

Promote collaboration among data producers and users

Strategy

- Collaborations (geospatial data audit) among data custodians/producers
- Needs assessment
- Capacity building

- Target existing resources, e.g. DST, GKH, etc.
- Target existing Forums/Platforms
- Training and workshops

Required Resources

Training on GKH
(Regional/National)
Workshops
(Regional/National)
National
Conference

Priorities

- Stakeholder engagements:
 - ✓ Various forums
- Skills audit - joint initiatives
- Capacity Building (Training/workshops, e.g. DST, GKH), funding model, etc)
- Promote Collaborations

THANK YOU

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