



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



COMMUNITIES OF PRACTICE (COP) INTEGRATED WORKSHOP AND CAPACITY BUILDING TRAINING



Empowering National Uptake: Leveraging Earth Observation Data and Knowledge

CSIR International Convention Centre, Pretoria, South Africa

4 – 6 June 2024 | 08h30 – 18h00

www.copworkshop.co.za

EVENT PROGRAMME





TRAINING

DAY 1: 4 JUNE 2024

Training Facilitator/Chair: Ms Maud Nale

08h30 – 09h00			ARRIVAL AND REGISTRATION			
OPENING SESSION					FACILITATORS	
09h00 – 09h05		Welcome and overview of the training agenda			Adv Lulu Makapela, NEOSS	
09h05 – 09h10		Safety moment			CSIR ICC Representatives	
TRAINING SESSION ONE:		GEO KNOWLEDGE HUB			FACILITATORS	
09h10 – 09h20		GEO Infrastructure – Capacity Development and National GEOs			Ms Marie Francoise Voidrot	
09h20 – 09h30		Introduction on GEO Knowledge Hub – Vision and short history – Value of Open Knowledge			Ms Paola De Salvo	
09h30 – 09h40		The GEO Knowledge Hub – The solution – Technical overview			Mr Felipe Carlos	
09h40 – 09h50		GEO Knowledge Hub content – What can I find in it?, What domain of applications?			Ms Kalamkas Yessimkhanova	
		Examples of Knowledge Providers				
09h50 – 10h00		WAPOR – FAO			Mr Coerver Bert	
10h00 – 10h10		GEOGLAM DAPs:			Ms Esther Makabe, GEOGLAM, Group on Earth Observations (GEO) Secretariat	
10h10 – 10h20		Introduction of the current DMD self-assessment tool			Mr Lionel Menard	
10h20 – 10h30		Data management principles self-assessment tool and fair assessment tool			Mr Braulio Galicia	
10h30 – 10h40		In-situ FAIR approach			Mr Lionel Menard	
10h40 – 10h50		Discussions				
10h50 – 11h15					SHORT BREAK	
TRAINING SESSION TWO:		GEOGLAM			FACILITATOR	
11h15 – 11h35		GEOGLAM Overview			Ms Esther Makabe, GEOGLAM, Group on Earth Observations (GEO) Secretariat	
11h35 – 11h45		Anomally Hotspots of agricultural production (ASAP)			Mr. Kerdiles, Hervé – Europear Commission- Joint Research	
11h45 – 11h55		CropWatch			Mr. Zhang, Miao-Chinese Aca Sciences	
11h55 – 12h05		World Cereal			Mr. Kristof Van Tricht, VITO R Sensing	
11h55 – 12h15		Sense4Stats			Ms. Bontemps, Sophie, UC LC	
12h15 – 12h30		Research and Capacity co-development approaches and opportunities.			Ms Esther Makabe, GEOGLAM, Group on Earth Observations (GEO) Secretariat	
12h30 – 12h45		Interactive discussion				
12h45 – 14h00					LUNCH BREAK	
TRAINING SESSION THREE:		DIGITAL EARTH AFRICA			FACILITATOR	
		Examples of national initiatives and their impacts and strategies for engaging local communities in Earth Observation projects				
14h00 – 14h45		Overview of Digital Earth Africa (DEA) and analysis-ready satellite data, products, services, tools and use case development in various sectors			Dr Ken Mubea, Capacity Development Lead, DEA	
14h45 – 15h00		Interactive discussion				
15h00 – 15h15					AFTERNOON BREAK	
15h15 – 16h00		Session continues				
16h00 – 16h10					CLOSURE	



TRAINING

DAY 2: 5 JUNE 2024

Training Facilitator/Chair: Ms Maud Nale

08h30 – 09h00	MORNING COFFEE	
TRAINING SESSION FOUR:	EARTH OBSERVATIONS MATURITY INDICATOR (EOMI) METHODOLOGY	FACILITATOR
09h10 – 10h30	<ul style="list-style-type: none">• Relevance of Earth Observation maturity assessment• EOMI methodology/framework• Data collection, analysis and interpretation• Country EOMI implementation cases	Dr Ernest Acheampong , Capacity Development Coordinator, GEO Secretariat
10h30 – 10h50	Discussions	
10h50 – 11h15	SHORT BREAK	
TRAINING SESSION FIVE:	PARTICIPATORY EOMI ASSESSMENT	FACILITATOR
11h15 – 12h45	Introduction to Global Agriculture Monitoring, Research and capacity co-development approaches and opportunities	Dr Ernest Acheampong , Capacity Development Coordinator, GEO Secretariat
	Interactive discussion	
12h45 – 14h00	LUNCH BREAK	
TRAINING SESSION SIX:	SANSA EO PRODUCTS AND SERVICES	FACILITATOR
14h00 – 14h45	Overview of SANSA Earth Observation products and services	Dr Nale Mudau , Manager Data Products and Services, SANSA EO
14h45 – 15h00	Interactive discussion	
15h00 – 15h15	AFTERNOON BREAK	
15h15 – 16h00	Session continues	
16h00 – 16h10	CLOSURE	
16h15 – 18h00	NETWORKING SESSION	





WORKSHOP

DAY 3: 6 JUNE 2024

08h30 – 09h00			ARRIVAL AND REGISTRATION		
OPENING SESSION			SESSION CHAIR: ADV LULU MAKAPELA (NEOSS)		SPEAKERS
09h00 – 09h05			Introduction to the workshop objectives and overview of the agenda		Adv Lulu Makapela
09h05 – 09h10			Safety moment		CSIR ICC Representative
09h10 – 09h30			Collaboration to enhance the local uptake of Earth Observation technologies		Dr Mmboneni Muofhe, DDG and GEO Principal, DSI
09h30 – 09h50			The critical role of cloud storage for Earth Observation data management		Mr Avin Mansookram, Director, MFTZA
09h50 – 10h10			Advancements and applications of Earth Observation payloads		Ms Ana-Mia Louw, Operations Manager, Simera Sense
10h10 – 10h30			Empowering uptake through enhanced access to Earth Observation data and knowledge		Mr Phila Sibandze, Lecturer, UFH
10h30 – 10h50			The role of Earth Observation in ensuring transparency and accountability in sustainable finance		Ms Songo Didiza, Founder and Managing Partner, Green Building Group
10h50 – 11h15			SHORT BREAK		
SESSION ONE:			BRIDGING THE GAP BETWEEN TECHNOLOGY AND LOCAL NEEDS <i>Experts from various fields discuss how to make Earth Observation tools more accessible and useful to countries</i> SESSION CHAIR: MS NDILISA DIDIZA, Co-Chair, Agriculture and Food Security Community of Practice, NEOSS		SPEAKERS
11h15 – 11h30			Enhancing country-level participation and engagement through GEO		Dr Ernest Acheampong, Capacity Development Coordinator, GEO Secretariat
11h30 – 11h45			Enhancing country-level participation and engagement through AfriGEO		Mr Ken Kasera, AfriGEO Secretariat, RCMRD
11h45 – 12h00			Bridging the gap between the remote sensing and policy communities		Ms Esther Makabe, GEOGLAM, Group on Earth Observations (GEO) Secretariat
12h00 – 12h15			Connecting African countries to the world's digital knowledge archives		Dr Ken Mubea, Capacity Development Lead, DEA
12h15 – 12h45			Interactive discussion		
12h45 – 13h45			LUNCH BREAK		
SESSION TWO:			EMPOWERING LOCAL CAPACITY AND COLLABORATING FOR BETTER OUTCOMES <i>Examples of national initiatives and their impacts and strategies for engaging local communities in Earth Observation projects</i> SESSION CHAIR: MS TSHISI MPHAPHULI, Earth Observations Infrastructure CoP Chair, NEOSS		FACILITATOR
14h00 – 14h15			Unlocking the power of space technology for sustainable development		Ms Asanda Sangoni / Dr Nale Mudau, EO, SANSA
14h15 – 14h25			Advancing sustainable development through collaboration: The role of SAEON		Leo Chiloane, Manager, Ulwazi Node SAEON
14h25 – 14h35			Enhancing sustainable agriculture for impactful research and development initiatives: The role of ARC		Prof Solomon Newete, ARC
14h35 – 14h45			Leveraging digital technologies and data analytics to enhance agricultural practices		Moses Cho, Remote Sensing Scientist, Precision Agriculture, CSIR
14h45 – 14h55			Driving technological innovation for sustainable development: The role of the Technology Innovation Agency (TIA)		Ms Malese Ndhlovu, Manager, TIA
14h55 – 15h05			Space for Innovation Skills Development Fund		Mr Koena Motloi, Director, Business Advancement, NRF
15h05 – 15h30			Interactive discussion		
15h30 – 15h45			AFTERNOON BREAK		
15h45 – 16h15			Earth Observation maturity indicator high-level presentation		Dr Acheampong and Adv Lulu Makapela
16h15 – 16h30			Closing remarks		Ms Tumisang Modiole, Acting Chief Director, DSI