



SAR Training Workshop

Date: 4-7 May 2017

Hosted by: CSIR, SANSA

Location: Meraka Institute, CSIR (bldg 43)

Presented by: CEOS Working Group on Capacity Building & Data Democracy (WGCapD)

Day One: Thursday, 4 May 2017

Item #	Time	Activity	Presented By
0	08.30-09.00	Registration	All
1	09.00-09.30	Welcoming Remarks	SANSA, CSIR (Dr Val Munsami or Dr Mangara)
2	09.30-10.15	Overview of SANSA/CSIR	Imraan Saloojee/ Konrad Wessel
	10.15-10.30	Break	
3	10.30-11.00	Introduction to CEOS SAR Course Overview	Phila Sibandze (SANSA) Prof. C. Schmullius, FSU Jena
4	11.00-12.30	Introduction to SAR Remote Sensing	Prof. C. Schmullius, FSU Jena
	12.30-13.30	Lunch	
5	13.30-14.30	Introductions to SAR EDU	Prof. C. Schmullius, FSU Jena
	14.30-14.45	Break	
6	14.45-16.00	Exercise: Basic SAR-Processing with SNAP	M. Urbazaev, FSU Jena

Day Two: Friday, 5 May 2017

Item #	Time	Activity	Presented By
7	09.00- 10.30	SAR Applications: Agriculture, Land Cover & Soil Moisture	Prof. C. Schmullius, FSU Jena
	10.30-10.45	Break	
8	10.45-12.30	Exercise: Agriculture, land Cover & Soil Moisture	M. Urbazaev, FSU Jena
	12.30-13.30	Lunch	
9	13.30-14.45	SAR Applications: Biomass & Forestry	Prof. C. Schmullius, FSU Jena
	14.45-15.00	Break	
10	15.00-17.00	Exercise: Biomass & Forestry	M. Urbazaev, FSU Jena

Day Three: Saturday, 6 May 2017

Item #	Time	Activity	Presented By
11	09.00– 10.30	Introduction to SAR Interferometry	Prof. C. Schmullius, FSU Jena
	10.30–10.45	Break	
12	10.45–12.00	Case study: Vegetation Monitoring in Kruger National Park	Prof. C. Schmullius, FSU Jena
	12.00–13.00	Lunch	
13	13.00–14.30	Exercise: Hazard (Subsidence or oil spill?)	M. Urbazaev, FSU Jena
	14.45–15.00	Break	
14	15.00–15.45	SAR data access	Phila Sibandze (SANSA)
15	15.45–17.00	Exercise: Water & Flood Mapping using WaMaPro	Phila Sibandze (SANSA)

Day Four: Sunday, 7 May 2017

Item #	Time	Activity	Presented By
16	10.00–11.00	Sentinel Data for REDD+ Activities	Prof. C. Schmullius/ M. Urbazaev, FSU Jena
17	11.00-12.30	Exercise: Time Series Analysis with Sentinel-1 Data	M. Urbazaev, FSU Jena
	12.30–13.30	Lunch Break	
18	13.30–14.00	Feedback from Participants	SANSA/FSU Jena
19	14.00–14.30	Awarding Of Certificates & Workshop Closure	SANSA/CEOS

