

6th GEOGLAM RAPP & SDG Workshop

ILRI, Nairobi, 7-8 May 2018

AGENDA

MONDAY			
08.30 - 09.00	Welcome/registration	ILRI	
09.00 - 09.30	Introduction of the week <ul style="list-style-type: none"> ● Official Opening ● Objectives of the meeting ● Tour de table 	P. Ericksen (ILRI) F. Fava (ILRI) J. Guerschman (CSIRO)	
RAPP Updates and Strategy			Moderator: M. Nosiseko (SANSa)
09.30 - 10.00	GEOGLAM presentation and updates <ul style="list-style-type: none"> ● GEOGLAM goals, components, vision to the future (20’): ● Q&A (10’) 	I. Jarvis (GEOGLAM Coordinator)	
10.00 - 10.15	RAPP strategy updates <ul style="list-style-type: none"> ● Current status and strategic vision 	J. Guerschman (CSIRO)	
10.15 - 10.30	RAPP Products updates <ul style="list-style-type: none"> ● RAPP map ● Fractional Cover Anomaly, NDVI-based methods 	J. Guerschman (CSIRO)	
10.30 - 11.00	COFFEE BREAK		
Progress in rangeland characterization and biomass assessment			Moderator: F.Fava (IRLI)
11.00 - 13.00	<ul style="list-style-type: none"> ● Biomass assessment: Sentinel-2 as a game-changer ● Rangeland phenology at fine spatial resolution in Kapiti ● GHG emissions from livestock systems in Africa and link to RS products 	C. Atzberger (BOKU) A. Vrieling (U. Twente) L. Merbold (ILRI)	

	<ul style="list-style-type: none"> Grassland monitor for Kruger National Park EO based estimation of grass quality & quantity (Sentinel-2) Forage monitoring approach via woody-herbaceous LAI partitioning in Africa 	<p>V. Onyango (U. Jena)</p> <p>A. Ramoleo (CSIR)</p> <p>N. Kahiu (ILRI, SDSU)</p>	
13.00-14.00	LUNCH BREAK		
Global/regional rangeland monitoring applications - 1			Moderator: M. Meroni (JRC)
14.00 - 15:00	<ul style="list-style-type: none"> Long-term Sahelian degradation analysis EOFSAC initiatives in East Africa Predictive Livestock Early Warning System Rangeland monitoring in Australia 	<p>N. Hanan (NMSU)</p> <p>C. Nakelembe (UMD)</p> <p>J. Matere (FAO)</p> <p>J. Guerschman (CSIRO)</p>	
Global/regional rangeland monitoring applications - 2			Moderator: A. Mottet (FAO)
15:00 - 16.15	<ul style="list-style-type: none"> RAPP of the farmers, by the farmers and for the farmers Rangeland monitoring and its application in Namibia Crowdsourcing and how to improve a rangeland mask Pastoral Surveillance and Early Warning System over West Africa 	<p>C. Di Bella (INTA)</p> <p>C. Van der Waals</p> <p>Steffen Fritz (IIASA)</p> <p>E. Fillol (ACF)</p>	
16.15 - 16.30	COFFEE BREAK		
Data requirements, RAPP and Open Data Cube			Moderator: A. Ramoleo (CSIR)
16.30 - 17.15	<ul style="list-style-type: none"> Data requirements definition and Data Services options for RAPP (Open Data Cube) <i>+ intro to the ARDC</i> Case studies: <ul style="list-style-type: none"> South Africa, SANSA Uganda (ODC) 	<p>B. Killough (NASA)</p> <p>M. Nosiseko (SANSA)</p> <p>L. Innocente (AgriTechTalk)</p>	
17.15 - 17.30	Closing remarks of Day 1	RAPP	
17.30-21.00	COCKTAIL RECEPTION and DINNER (ILRI)		

TUESDAY			
09.00 - 9.10	Summary of Day 1	J. Guerschman (CSIRO) F. Fava (ILRI)	
Linking EO and Food Security, poverty reduction (SDGs)			Moderator: J. Guerschman (CSIRO)
09.10 - 10.30	<ul style="list-style-type: none"> • EU-H2020 project AfriCultuReS: enhancing Food Security in African AgriCultural Systems with the support of Remote Sensing • Application of data from Data Cube to resilience country strategy, with focus on pasture productivity, feed rations and Early Warning Systems (EWS) • JRC activities in rangeland monitoring for food sec • EO contribution to disaster risk financing and index-insurance • Towards Forecast-based Action: a special focus on pastures 	J. Suarez Beltran (GMV) A.Mottet (FAO) M. Meroni (JRC) F. Fava (ILRI) P. Rowhani (U. Sussex)	
10.30 - 10.45	COFFEE BREAK		
RAPP wrap-up			RAPP
10.45 - 12.30	<p>Three breakout sessions:</p> <ul style="list-style-type: none"> • 1- RAPP's contribution to global livestock and food security assessments - what are the gaps and opportunities? Chair: A. Mottet (FAO) • 2- RAPP's and Early Warning systems. How do we best contribute? Chair: C. Atzberger (BOKU) • 3- RAPP research on RS methods on pilot sites and beyond. What is the way forward? Chair: A. Ramoelo (CSIR) <p>Joint discussion and summary</p>		
12.30-13.30	LUNCH BREAK		
Data requirements, challenges, and opportunities in the implementation of the SDGs: Country Examples			Moderator: I. Jarvis (GEO)
13.30 - 15:15	<ul style="list-style-type: none"> • Focus on 15.3.1: SDG and Open Data Cube 	N. Sims (CSIRO)	

	<ul style="list-style-type: none"> + Presentations from African countries representatives. 		
15.15 - 15.30	COFFEE BREAK		
Earth observation applications for SDG indicator development and sustainable development planning			Moderator: N. Sims (CSIRO)
15.30 - 17.15	<ul style="list-style-type: none"> Discussion session 	S. Ramage (GEO)	
17.15 - 17.30	Closing remarks of the workshop	RAPP/SDG	



