



# Monitoring Food Security Threats from Space

*A CELC Seminar on Technologies for Quantitative Crop Estimates  
and Condition Reporting in Agriculture*

Thursday 21 April 2016

Centurion Country Club, John Vorster Avenue, Centurion



The Crop Estimates Liaison Committee (CELC)  
proudly presents this one-day seminar

08:00 - 09:00	TEA / COFFEE	REGISTRATION
	Programme Coordinator	Mariana Purnell, General Manager, Agbiz Grain
	<b>SESSION 1</b>	
09:00 – 09:30	Welcoming address	Ronald Ramabulana CEO National Agricultural Marketing Council
09:30 - 10:00	Background to earth observation in SA / history	Dr Ferdi Meyer Director, Bureau for Food and Agricultural Policy
10:00 - 10:30	Cutting edge technologies in the SA Crop Estimation System	Fanie Ferreira Director, GeoTerralimage & Eugene Du Preez Director, SiQ
10:30 - 11:00	TEA / COFFEE & NETWORKING	
	<b>SESSION 2</b>	
11:00 - 11:30	Global Advances in EO Technologies for Agricultural Monitoring – An Overview.	Dr. Francois Waldner UC Leuven – Belgium & GEOGLAM
11:30 - 12:00	Using Earth Observations in crop yield modelling – latest developments	Mohamed Ahmed ARC - Senior Scientist, Geoinformation Science, & Adolph Nyamugama ARC - Senior Scientist, Geoinformation Science
12:00 - 12:30	Umlindi – EO for Weather and Climate in crop seasonal outlooks	Dr. Johan Malherbe ARC - Senior Scientist, Agroclimatology

**12:30 - 13:30 LUNCH**



## SESSION 3

13:30 - 14:00	UAVs, Drones and other UFOs	Eugene Du Preez Director, SiQ
14:00 - 14:30	What can GEOGLAM do for South Africa and what can South Africa do for GEOGLAM	Dave Johnson NASS, USA & GEOGLAM
14:30 - 15:00	Crop Watch systems	Airbus speaker, UK (arranged by Dr Clement Adjorlolo, SANSA)

**15:00 - 15:30 TEA / COFFEE**



## SESSION 4

15:30 - 16:45	Panel discussion: Finding and Filling the technology gaps in an operational system.	Facilitator Dr J Rees Group Executive: ARC)
16:45 - 17:15	Closure / The benefits of staying at the cutting edge	Dr. John Purchase CEO AgBiz & GEOGLAM Steering Committee



Thank you for participating in the

# CELC SEMINAR

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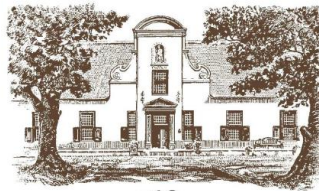
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