



# 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

**Ms Mariana Purnell**  
General Manager, Agbiz Grain



## SESSION 1

**09:00 – 09:15**

Welcoming address

**Dr Andre Jooste**  
CEO, Potatoes SA  
Formerly Chair of the NAMC  
Supply & Demands Estimates  
Committee

**09:15 – 09:45**

Background, need and uses of Crop  
Estimates

**Ms Rona Beukes**  
Assistant Director, DAFF

**09:45 – 10:15**

Cutting edge technologies in the SA  
Crop Estimation System

**Fanie Ferreira**  
Director, Geo Terra Image &  
**Eugene du Preez**  
Director, SiQ

**10:15 – 10:45**

Global Advances in EO  
Technologies for Agricultural  
Monitoring – An Overview

**Dr Francois Waldner**  
UC Louvain, Belgium & GEOGLAM

**10:45 – 11:15 TEA / COFFEE & NETWORKING**



## SESSION 2

**11:15 – 11:45**

Using Earth Observations in crop  
yield modelling – latest  
developments

**Dr Mohamed Abd Elbasit**  
ARC - Senior Researcher,  
Geo-information Science

**11:45 – 12:15**

Umlindi – EO for Weather and  
Climate in crop seasonal outlooks

**Ms Celeste Dekker**  
ARC - Researcher,  
Geo-information Science

**12:15 – 13:30 LUNCH**



## SESSION 3

13:30 – 14:00	UAVs, Drones and other UFOs	<b>Eugene du Preez</b> Director, SiQ
14:00 – 14:30	Remote sensing for monitoring USA crop production: What is the state of the technology?	<b>Dr Dave Johnson</b> NASS, USA & GEOGLAM
14:30 – 15:00	Crop Watch Systems for South Africa (CW4SA) - crop monitoring milestones	<b>Dr Dave Halbert</b> Project Manager, Airbus Defence & Space, UK  <b>Dr Clement Adjorlolo,</b> Senior Remote Sensing Researcher, SANSA Earth Observation

**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: <b>Dr J Rees</b> Group Executive, Research and Innovation Systems, ARC
16:45 – 17:15	Closure / The benefits of staying at the cutting edge	<b>Dr John Purchase</b> CEO AgBiz & GEOGLAM Steering Committee



**Thank you for participating in the**

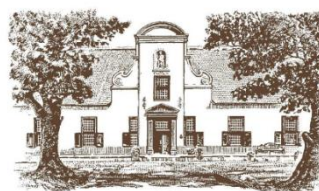
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