



Spatial Intelligence

Sentinel 2 Agriculture

Timely, Reliable and  
Accurate Crop Estimates

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# Business Intelligence Enhanced by Spatial Information



**siQ**

Spatial Intelligence

# Accurate Crop Estimates

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accurate crop estimates



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## Producer Independent Crop Estimate System (PICES) - SiQ

[www.siq.co.za/pices.php](http://www.siq.co.za/pices.php) ▾

Prior to 1996 crop estimates did not play a very important role in determining the ... greater emphasis on the importance of accurate crop production estimates.

## <sup>[PDF]</sup> Download - AGBIZ Grain

[www.agbizgrain.co.za/uploads/.../No-2-DAFF-Crop-Estimates-Rona-Beukes.pdf](http://www.agbizgrain.co.za/uploads/.../No-2-DAFF-Crop-Estimates-Rona-Beukes.pdf) ▾

C. CROP ESTIMATES COMMITTEE. D. ACTIONS TAKEN TO IMPROVE THE ACCURACY. E. NEW IDEAS TO IMPROVE THE ACCURACY. F. HOW ACCURATE ...

## Start typing here...

[agbiz.co.za/.../160310\\_South%20African%20Crop%20Estimates%20on%20target.pdf](http://agbiz.co.za/.../160310_South%20African%20Crop%20Estimates%20on%20target.pdf)

Mar 10, 2016 - The Crop Estimates Liaison Committee announced the final production ... The CEC is remarkably accurate in its estimates, especially for maize ...

## <sup>[PDF]</sup> Timely and Accurate Crop Yield Forecasting and Estimation ... - FAO

[www.fao.org/...crops\\_estimates/Crop\\_Yield\\_Forecasting\\_and\\_Estimation\\_Lit\\_review...](http://www.fao.org/...crops_estimates/Crop_Yield_Forecasting_and_Estimation_Lit_review...) ▾

Oct 28, 2010 - Timely and Accurate Crop Yield Forecasting and Estimation. History and Initial Gap Analysis. By. George A. Hanuschak Sr. GOAL(s). The stated ...

## Estimating Crop Yields; A Brief Guide | Crop production | Grains and ...

[agriculture.vic.gov.au/agriculture/...crops/crop.../estimating-crop-yields-a-brief-guide](http://agriculture.vic.gov.au/agriculture/...crops/crop.../estimating-crop-yields-a-brief-guide) ▾

Accurate, early estimation of grain yield is an important skill. Farmers require accurate yield estimates for a number of reasons: Crop insurance purposes ...

## <sup>[PDF]</sup> The Value of Accurate Crop Production Forecasts - Food Security Gro...

[fsg.afre.msu.edu/aamp/sept\\_2010/aamp\\_lilongwe-jayne-crop\\_forecasts.pdf](http://fsg.afre.msu.edu/aamp/sept_2010/aamp_lilongwe-jayne-crop_forecasts.pdf) ▾

by TS Jayne - Cited by 15 - Related articles

Sep 6, 2010 - The Value of Accurate Crop Production Forecasts. T.S. Jayne and Shahidur Rashid. Paper prepared for the Fourth African Agricultural Markets ...

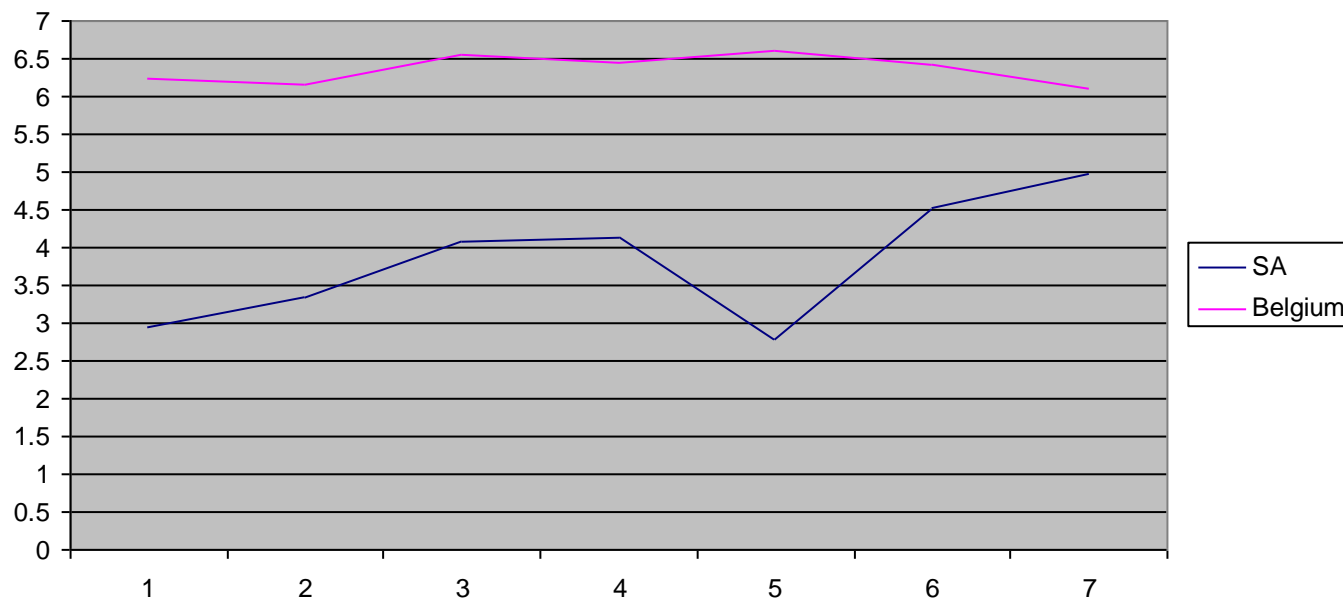
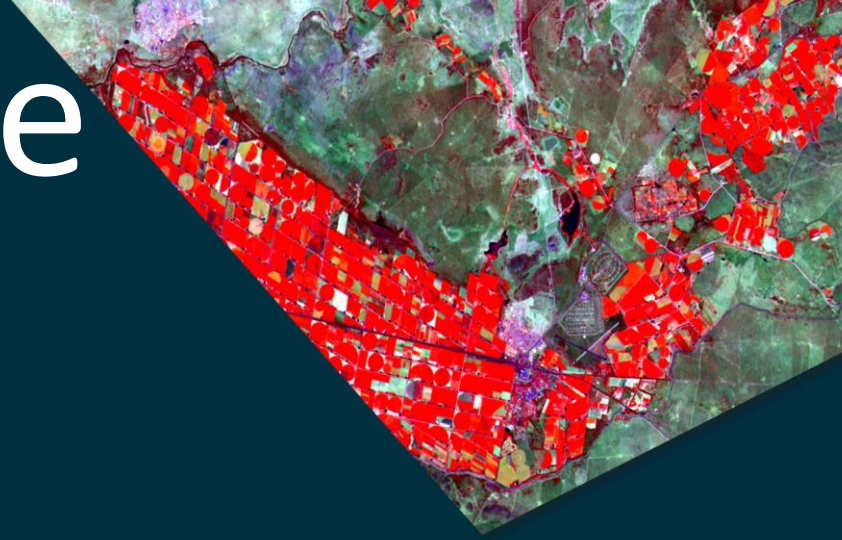
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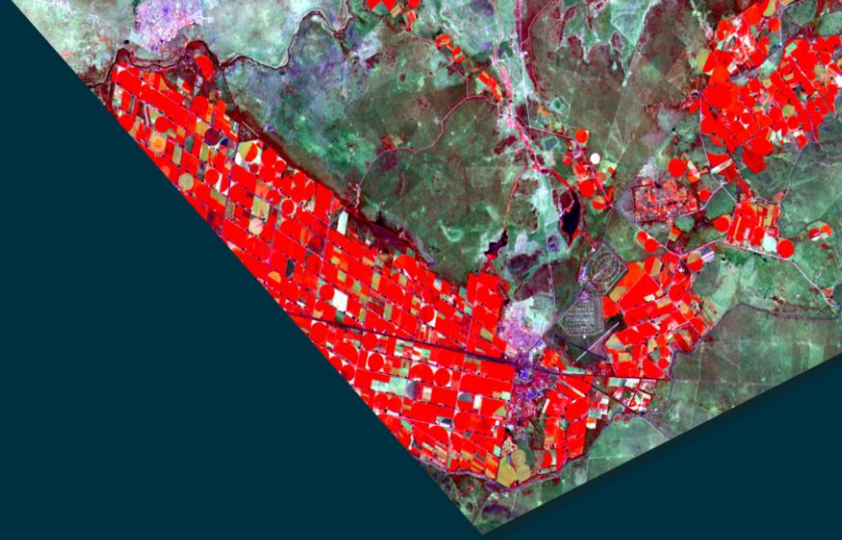
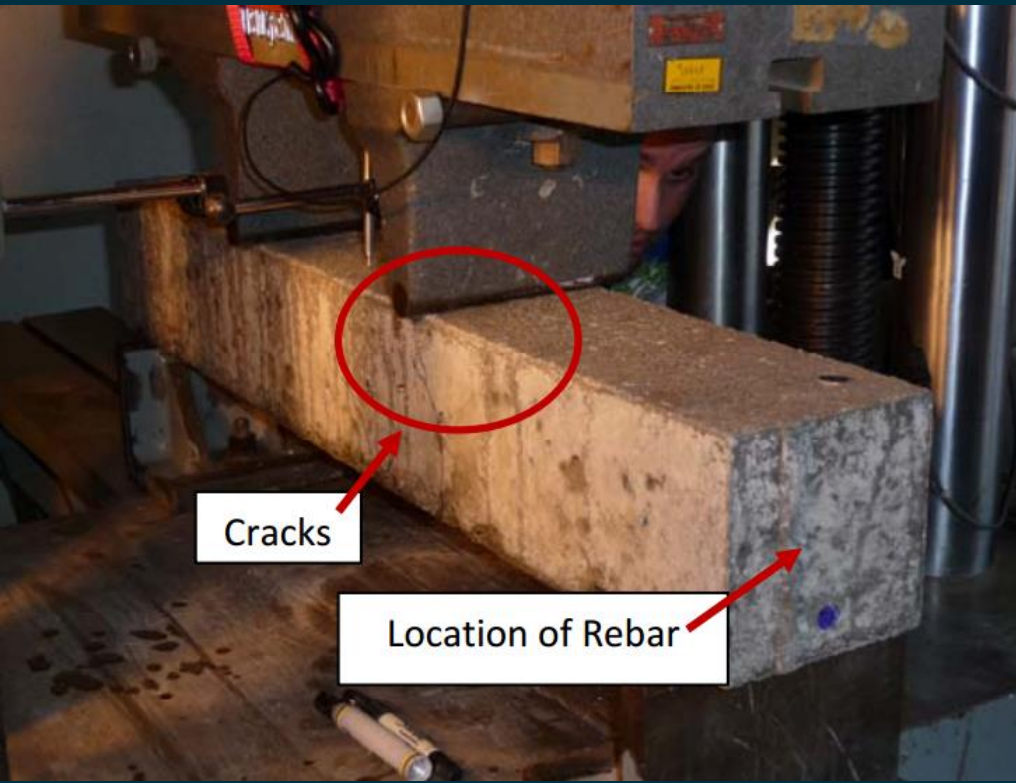


# Accurate, reliable and Timely

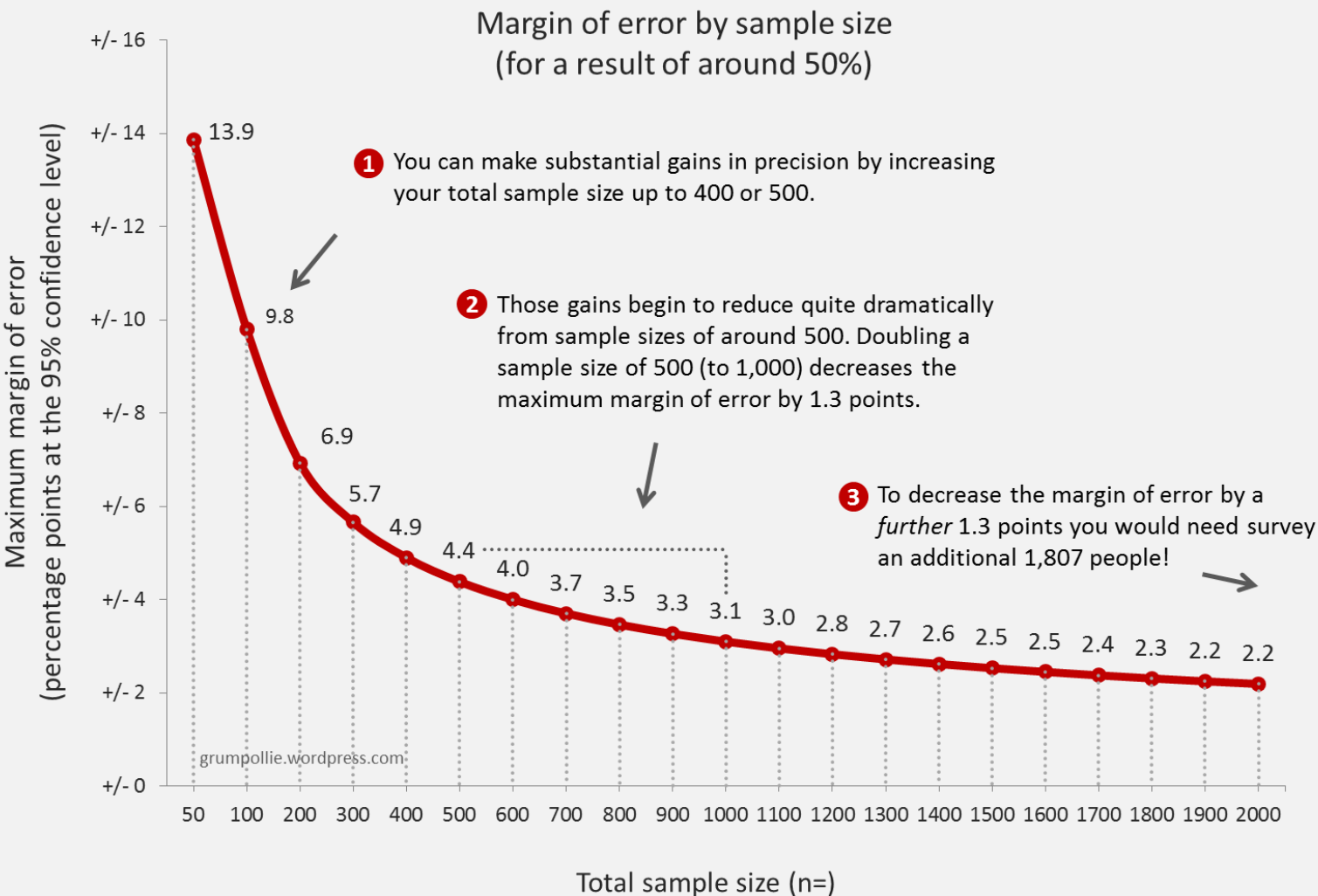
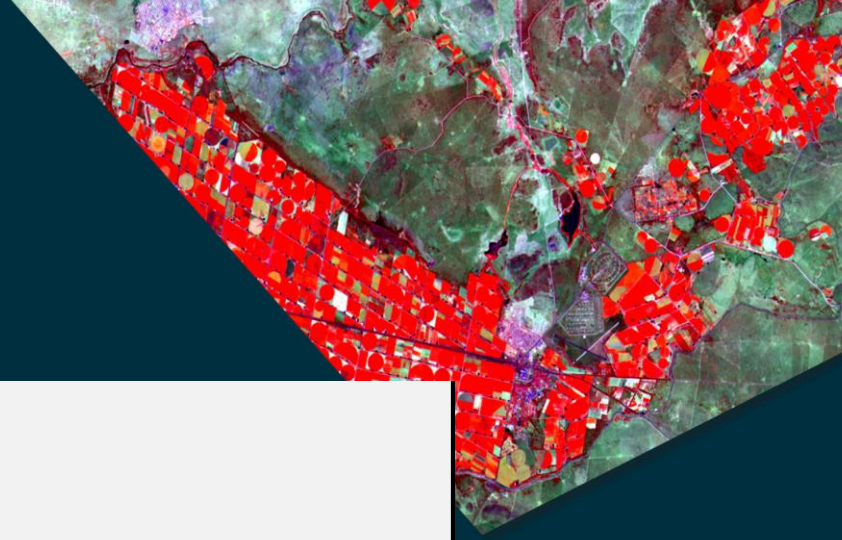
- Reliable ?
- Crop Estimates vs Crop Reconciliation



# RC Beam Failure Prediction



# Cost vs Precision (Malawi)

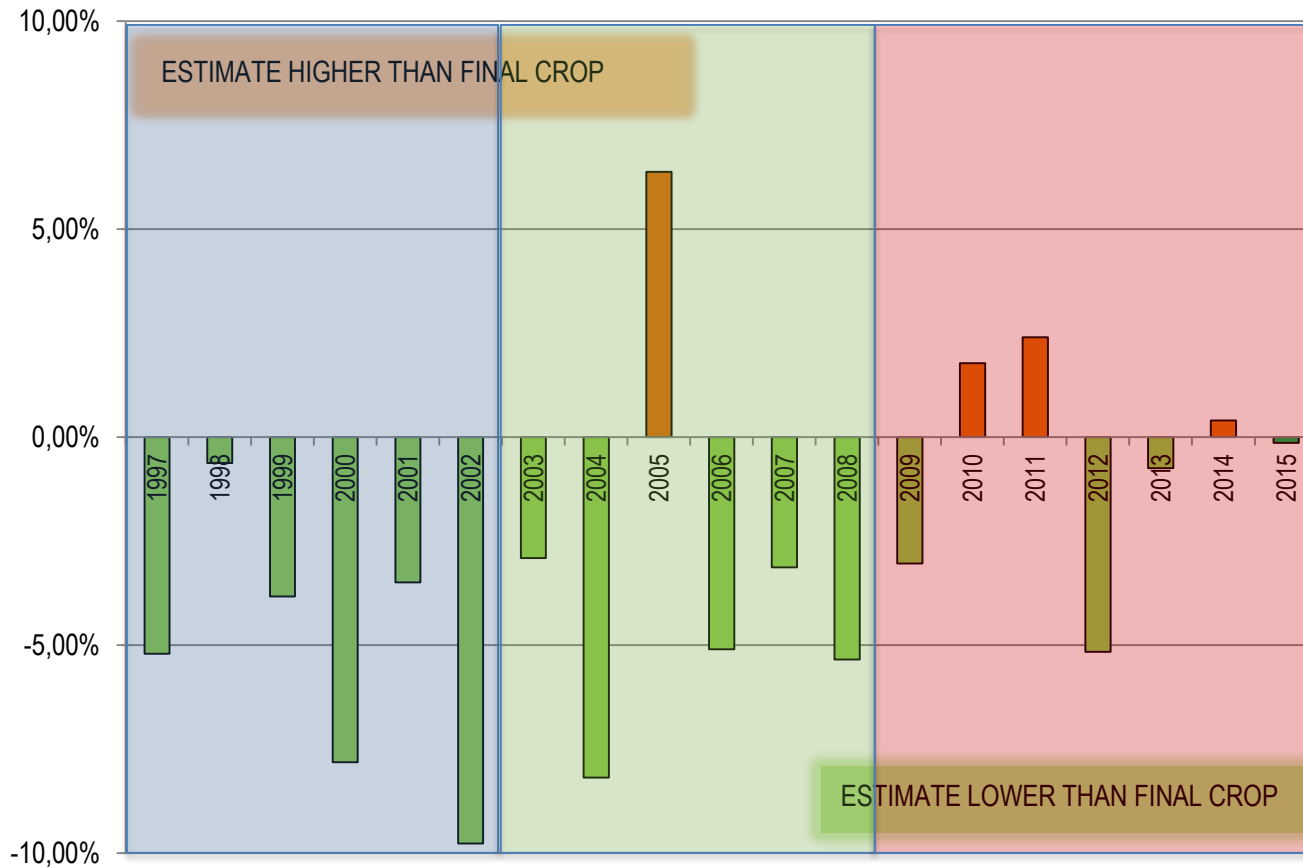




# EVALUATE RESULTS ...

HOW ACCURATE DOES  
THE CEC ESTIMATE?

TOTAL MAIZE

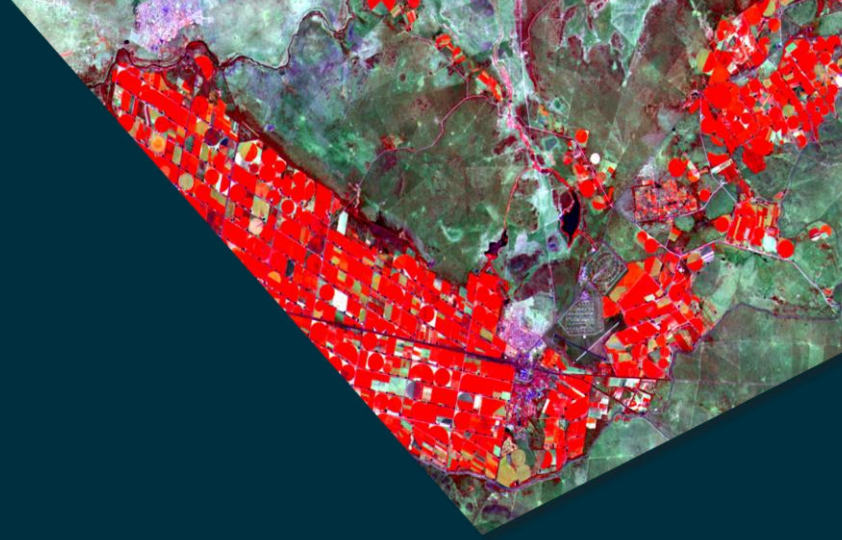


- 4 out 19 year higher
- 15 out 19 year lower

# Scope

- Earlier estimates improvement
- Region and Africa





# thank you

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