

Latest research on irrigation management in South Africa

Mary Jean Gabriel
SANCID
South Africa

3rd World Irrigation Forum
1-7 September 2019, Bali, Indonesia

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Advisories

- Agriculture Research Council – Agricloud – app which can be used by farmers and extension officers on advise on weather in local areas, planting dates etc.
- Social media
- SASRI – myCaneSim

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Using satellite imagery

- The estimation of the area under irrigation is outdated and vary greatly where it is estimated that about 1.21 and 1.58 million acres are under irrigation.
- The estimates of the use of water by the agriculture sector ranges from 51% to 63%
- A project to quantify water used by irrigated crops in South Africa
- Mapping of irrigated areas

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Thank You

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Software based decision support systems

- To describe the technical considerations that determine the water quality requirements of irrigation water use
- To capture these considerations in a decision support system

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