

SESSION 16:

TOWARDS NEW THINKING TO WATER SECURITY

Chair: Wandile Nomqophu (WRC) | Venue: Boardroom 2

The WRC's quest for scientific thinking in advancing integrated water resources management in pursuit of sustainable development is at the forefront of water resources research. The presentations in this session capture and showcase some of the key scientific advancements in water resources management that the researchers have made over the past five years. These advancements include delineating the areas of the country that generate disproportionate amount of water, innovative thinking on water quality monitoring using remote sensing, and accounting for the country's water resources using the newly developed water accounting approaches.

PROGRAMME

Welcome and introduction		Shafick Adams (WRC)
11:00 – 11:25	The delineation and importance of strategic water source areas for South Africa	David le Maitre (CSIR)
11:25 – 11:50	Using remote sensing to monitor eutrophication in large water bodies	Mark Andrews (Cyanolakes)
11:50 – 12:15	Development and assessment of an integrated water resources accounting methodologies for South Africa	David Clark (UKZN)
12:15 – 12:40	Water accounts for South Africa	Jackie Crafford (PrimeAfrica)
Closing remarks		