

## Session 16: Water security under a changing climate

Wednesday 12 November

11h30 – 13h00

Exhibition Hall 4 Room 2

A holistic response to climate change adaptation depends on effective resource management. Water is one such resource that that is likely to be significantly affected by a changing climate. Based on current projections South Africa will exceed the limits of economically viable land-based water resources by 2050. The Department of Water and Sanitation and the Water Research Commission will lead a discussion on water management and its role in long-term strategic development, bearing in mind the following key questions:

- What plans are in place to ensure adequate provision of good water, now and into the future?
- What challenges and opportunities are presented by a changing climate, from the perspective of water infrastructure, engineering, planning and implementation?
- What appropriate water conservation and demand management measures can be utilised?
- What water-related innovation solutions are available for adaptation, with reference to the Climate Change Adaptation Strategy for the Water Sector?

Contributors				
Category	Name	Surname	Organisation	Topic
Chair	Roland	Schulze	Director for Climate Change, Department of Water and Sanitation	-
Speakers	Dhesigen	Naidoo	Chief Executive Officer, Water Research Commission	Water related innovation solutions
	Khumbu	Moyo	Researcher, Department of Water and Sanitation	Water use efficiency and demand management
	Chris	Moseki	Specialist Scientist Climate Change, Department of Water and Sanitation	Planning and infrastructure