

INTRODUCTION

The Western Cape in South Africa and specifically the City of Cape Town, experienced one of its worst drought in history during the past three years. The dropping water levels of its main water supply storage dams resulted in severe restrictions imposed on all water users, which includes the University of Stellenbosch. These restrictions call for urgent actions. With a possible scenario of running out of water, the University of Stellenbosch embarked on a serious water demand management action plan, resulting in a more than 40% drop in water use.

OBJECTIVES

Prof JA du Plessis will share and discuss the possible WDM steps which can be implemented by an academic institution, given the unique challenges of water distribution at an academic institution.

About Prof JA du Plessis

Prof Kobus du Plessis has more than 30 years of experience in the field of water engineering. His work experience includes working for the Department of Water and Sanitation and the Department of Agricultural (5 years), working with irrigation boards and government water schemes, responsible for the planning and implementation of bulk water supply projects and worked for the City of Cape Town (5 years), dealing with storm water and managing their hydrology database.

He then joined the West Coast District Municipality (7 years) as the Director: Water Supply, where he gained experience with water related institutional arrangements and specifically the Water Act and Water Service Act. He joins the University of Stellenbosch in 2003 and is presently a Professor in Hydrology and Environmental Engineering in the Civil Engineering Department. He specialized in water resource evaluations, flood hydrology and he provide institution support to various local authorities.

Kobus serves as a member of the Executive committee in the Board of the Institute of Municipal Engineers for Southern Africa where he is responsible (Director) for training and skills development. He also serves on the Education and Training committee of South African Institute of Civil Engineers (SAICE) and serves on the Editorial Panel of the SAICE Journal. He is a former Head of the Department of Civil Engineering at the University of Stellenbosch and also serves as Technical Advisor for the International conference on Water, Environment, Energy and Society in 2016 and 2018.

Qualifications: BEng (Civil), MEng (Risk management of water resources) and PhD (Integrated water demand management in local governance).



University of Mauritius
Faculty of Engineering
Civil Engineering Department

INVITATION TO A TALK ON

Implementation of Water Demand Management
(WDM) at the University of Stellenbosch, SA

By Prof JA du Plessis
Visiting Professor

Venue: ELT1
Level 2, Phase III Building (Textile),
Faculty of Engineering
University of Mauritius

Date: Thursday, 25th April 2019

Time: 13:00 – 14.15 hrs