



VIRTUAL LAUNCH: WATER RECLAMATION AND REUSE GUIDE FOR SOUTH AFRICAN MUNICIPAL ENGINEERS

DATE: 01 SEPTEMBER 2022

Time: 09:00 13:45

Registration link: https://us02web.zoom.us/webinar/register/WN_ViNYgPDDSRu_v_2YE6glyQ

Background

The treatment and reuse of wastewater for both potable and non-potable purposes is widely practiced in both developed and underdeveloped countries. In South Africa, water reuse has been identified as one of the viable strategies for municipalities to augment drinking water supply to meet the increasing demand. To date, this practice has been implemented with limited successes in the municipal environment. To support the widescale adoption and increase success rate in the implementation of water reuse projects, it is important that there is a common understanding of the current best practices. As a result, a water reclamation and reuse guideline document for South African municipal engineers has been developed through a collaborative effort led by the Water Research Commission (WRC) and Institute of Municipal Engineering of Southern Africa (IMESA), in collaboration with water sector stakeholders represented by the Water Institute of Southern Africa. The document should be regarded as presenting a formal consensus position on best practices for implementing water reuse projects within the municipal environment. The main purpose of the launch is to gather feedback from the early users, create momentum and sector recognition of the guide. Following the launch will be a series of capacity building workshops to be conducted around the country aimed at transferring the knowledge into practice.

Draft Programme

Time	Topic	Presenter
09:00 – 09:15	Welcome and introduction	WRC Executive
09:15 - 09:30	A word from IMESA: The need for a Water Reuse Guide	Bhavna Soni, President of IMESA
09:30 – 10:00	The National Water Reuse Strategy and W&S Masterplan	Patrick Mlilo, Department of Water and Sanitation
10:00 – 10:30	The WISA Water Reuse Division and the DBSA National Water Reuse Program	Johann Lübbe, DBSA and WISA Water Reuse Division
10:30 – 11:30	Overview of the Water Reclamation and Reuse Guide	Chris Swartz, Project Leader and CSWUE
11:30 – 12:15	Global trends in water reuse	International speaker

12:15 – 12:30	BREAK	
12:30 – 13:00	The Water Reuse and Desalination Independent Advisory Panel	Mike Killick, City of Cape Town
13:00 – 13:30	Importance of technical demonstrations of reuse systems and technologies	Ms Megan Schalkwyk, Umgeni Water
13:30 – 14:00	Reuse projects in the eThekweni Municipality	Sydney Masha, eThekweni Metropolitan Municipality
14:00- 14:25	Q&A	
14:25– 14:30	Closure	Dr N Kalebaila, WRC