

Industry Talk Series 2022

Industry Talk with



Engineering Council of South Africa



**23 SEPT
2022**



12h00 – 13h00

Presenter



MEGAN SCHALKWYK - Process Engineer

**Topic: Industry Talk for Engineering (Registration with
ECSA)**

SYNOPSIS: This informative presentation aims to assist prospective registrants understand and navigate their way to successfully achieving ECSA registration and recognition. Registration with ECSA provides industry recognition that attests to demonstrated competence in the engineering profession through the relevant educational training and experience acquired.

BIO: Megan has a broad spectrum of experience in the water and wastewater sectors. With a BSc Eng (Chemical) degree from UKZN, she started out as a consultant 15 years ago and is now at a Water Board, giving her a diverse view of the water sector. She is the Deputy Branch Leader of the WISA KZN Branch and the Chapter Leader of the WISA Reuse Division in KZN.

Megan currently leads research and implements initiatives for wastewater reclamation and reuse at Umgeni Water. Some of these include conventional reuse technology and biotechnology reuse solutions. She has written and presented multiple articles, papers, and reports, both nationally and internationally, on sludge management, water treatment residue management, and water reclamation and reuse. In collaboration with the Water Research Commission and Umgeni Water, she coordinates annual forums to discuss research, innovation, and the application of reuse and reclamation in South Africa.

Megan has been an integral part of planning and implementing strategic initiatives at Umgeni Water. She formed part of the founding committee of Umgeni Water Young Water Professionals and currently sits on committees implementing women's forums at Umgeni Water and the Water Institute of Southern Africa. She has a passion for capacity building and mentorship, mentoring over 20 graduate trainees and in-service trainees who have gone on to achieve registration with the Engineering Council of South Africa (ECSA). She is a member of the ECSA's virtual panel, assessing, reviewing, and moderating applications for professional registration of sector engineers.

Ms Schalkwyk has a keen interest in sustainable water solutions and believes that small deliberate changes in the sector can help drive sustainability and ultimately achieve a circular economy without losing focus on primary water treatment goals.

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