

SAPRIN POPULATION SCIENCE WEBINAR

TOPIC

Water, Sanitation and Hygiene (WASH) through a GRT-INSPIRED lens: A tale of three environments

SPEAKER

Dr Atheesha Singh
Senior Lecturer, Water and Health Research Centre,
University of Johannesburg

NOW IN WEBINAR FORMAT

This monthly science focused forum is aimed at sharing and collaborating amongst the nodes and beyond. The topics are primarily Health and Demographic Surveillance System (HDSS) and Population Science focused. All interested are welcome to attend.

DATE

WEDNESDAY, 22 OCTOBER 2025

TIME

15:00 – 16:00

VENUE

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FACILITATOR:

Dr Samantha Lange

Water and Health Research Centre Research Associate, University of Johannesburg

Dr Samantha Lange has over thirty years of experience in environmental health in national and local government. She holds a Doctorate in Environmental Health from the University of Johannesburg. Her research focuses on public health interventions, particularly in hand hygiene and disease prevention in preschools, and waste reuse behaviour in South African communities. She has published extensively in peer-reviewed journals and actively contributes to scholarly review processes for several international journals.



SPEAKER:

Dr Atheesha Singh

Senior Lecturer, Water and Health Research Centre, University of Johannesburg

Dr Atheesha Singh has over 15 years of experience in microbiology and public health. Her research focuses on water quality, sanitation, and microbial risks to human and environmental health. She has published widely in peer-reviewed journals, authored technical reports for the Water Research Commission, and presented at leading international conferences including the IWA World Water Congress and the UN Water Conference. Dr Singh is also a full member of the Royal Society of Biology (UK) and an accredited professional microbiologist with SACNASP. A strong advocate for gender equity in science, she has served for nine years as an adjudicator for the L'Oréal-UNESCO For Women in Science Programme (Sub-Saharan Africa) and was named a 2025 Top 5 Finalist in the Women in STEM category of the HERS-SA Higher Education Women Leaders Awards.