

## GISSA Western Cape Student Event

**Date:** Thursday, 19 September, 2024

**Platform:** In Person and Online

**GISSAxxx CPD:** 0.5 pt  
**SACNASP cat 1:** 0.5 pt

Time	Speaker	Topic	Institute	Duration
09:00 – 09:30	<b>Registration</b>			
09:30 – 09:45	TBC	<b>Opening and welcome</b>	GISSA	15mins
09:45 – 10:10	Mmasechaba Lebogang Moropane	Assessing the Impacts of Groundwater-Dependent Invasive Plants in Heuningnes Catchment, Using Big Data and Machine Learning Algorithms (MLA).	UWC	25min
10:15 – 10:40	Sibuyisele Pakati	Integrated Flood Modelling and Risk Assessment for the Cape Town Metropolitan Region using multi-source data.	UWC	25min
10:45 – 11:10	Refiloe Maphiri	Assessing Water Losses and Water Quality Deterioration in the Overberg Water Board Raw Water Supply System	CPUT	25min
11:10 – 11:40	<b>REFRESHMENT BREAK</b>			30min
11:40 – 12:05	Nozipho Madlala	Introduction to International Federation of Surveyors (FIG) Young Surveyors Network	SAYSN	25min
12:05 – 12:30	Simpfiwe Ngubane	Locational potential of offshore wind renewable energy in South Africa's coastal Special Economic Zones (SEZs)	UCT	25min
12:35 – 13:00	Dr. Patrick O'Farrell	Student projects with spatial analysis components. (TBC)	Biodiversity and Conservation Biology Department (UWC)	25min
13:05 – 13:30	TBC	TBC	TBC	25min
13:30 – 13:35	TBC	<b>Closure</b>	GISSA	5mins
	Light lunch			