

GISSA Western Cape Student Event

Date: Thursday, 19 September, 2024

Platform: In Person and Online

GISSA 988 CPD: 0.5 pt
SACNASP cat 1: 0.5 pt

Time	Speaker	Topic	Institute	Duration
09:00 – 09:30	Registration			
09:30 – 09:45	Simon Hull	Opening and welcome	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	REFRESHMENT BREAK			30min
11:40 – 12:05	Nozipho Madlala (online)	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	Current approach to integrating spatial data into the Biodiversity and Conservation Biology curriculum at UWC	UWC	25min
13:05 – 13:30	Bashian Ragimana (online)	Improving land use and land cover monitoring by integrating optical imagery and synthetic aperture radar in fragmented rural landscapes around Nandoni Dam, Limpopo Province, South Africa.	UP	25min
13:30 – 13:35	Simon Hull	Closure	GISSA	5mins
	Light lunch			