



GISSA Mpumalanga & University of Mpumalanga Joint Event

Venue: Faculty of Agriculture and Natural Sciences, Building 6

Date : 29 November 2023

Time : 09h00

Item	Speaker	Organization	Duration
Opening and welcome	Keorapetse Richard Senna	GISSA Mpumalanga	09:00 – 09:10
Hydrodynamic Modelling of Complex River sites Using Geographical Information Systems for sustainable river management in Mpumalanga.	Smrithi Singh	UMP	09:10 - 09:30
Sustainable Management of Trans-boundary Rivers in Southern Africa Using available Spatial Geographic Information: Incomati River Basin Case Study.	Angelica Kaiser	UMP	09:30 – 09:50
Slicing the Database Elephant: Landcover visualisation for River Ecosystem Assessment, using R and Google Earth.	Michael Silberbauer	UMP	09:50 – 10:10
Body Break			10:10 – 10:25
Open Educational Resource: Geoterm.	Sanet Carow	UNISA	10:25 – 10:45
Spatial Analysis of Deforestation in Bushbuckridge Municipality.	Thandeka Sonto	UMP	10:45 – 11:05
Mapping Landuse/Land Cover dynamics in Mpumalanga Lake District.	Thabang Shongwe	UMP	11:05 – 11:25
Historical and Seasonal Distribution of Schistosomiasis Transmitting Snails in the Mpumalanga Province.	Felleng Letlaila	NWU	11:25 – 11:45
It's not a GIS But a Great System.	Bruce Jones	EarthRanger	11: 45 – 12:05
Lunch			12:05 – 12:30
Application of Google Earth Engine (GEE) for Land Cover Mapping in Mpumalanga	Mafuza Maya	UMP	12:30 – 12:50
Landslide Susceptibility Modeling	Mvuleni Mlambo	Esri South Africa	12:50 – 13:05
Enhancing Collaboration between GISSA and Higher Learning Institutions in GIS Education	Lucky Msimanga	GISSA National - Education	13:05 – 13:25
GISSA Mpumalanga AGM Report	Keorapetse Richard Senna	GISSA Mpumalanga	13:25 – 13: 40
Closure and networking			