

EC GIS DAY

RHODES GEOGRAPHY DEPT.

TUES.
4 NOV.

GIS: PAST,
PRESENT &
FUTURE

8.00AM

REGISTRATION

GISSA COMM. & RU
GEOGRAPHY STUDENTS

DEPT. OF GEOGRAPHY, ROOM A37

8.45AM

GILLIAN
MCGREGOR

HOUSEKEEPING/ANNOUNCEMENTS

WELCOME

PROF. JO DAMES
RU DEAN OF SCIENCE

MS SIBO MLOMZALE
EC GISSA CHAIRPERSON

BOTANY MAJOR LECTURE THEATRE

9.00AM

GILLIAN
MCGREGOR

KEYNOTE ADDRESS

A geospatial journey: from home-made
drones in the Antarctic, to state-of-the-art
LIDAR in the Eastern Cape

MR DAVE SCOTT, CAELUM
TECH., GQEBERHA

BOTANY MAJOR LECTURE THEATRE

9.30AM

SIBO MLOMZALE

INDUSTRY & RESEARCH PRESENTATIONS

Title to be announced (ESRI-SA)

From 2D Maps, Plans, Contours and Layouts to 3D Realities: The Evolution of
GIS from Maps to Immersive Spatial Experiences. (NTG Solutions, Midrand)

Coastal Vulnerability Index Development Case study Buffalo City
Metropolitan. (Ms Annemarie Fish, SQAL Property Technology, East London)

25 years of GIS: Life and times of an itinerant GIS consultant.
(Mr Ben Cobbing, GIS consultant, Makhanda)

BOTANY MAJOR LECTURE THEATRE

10.50AM

TEA BREAK

GISSA COMM. & RU
GEOGRAPHY STUDENTS

DEPT. OF GEOGRAPHY, ROOM A37

11.15AM

AFIKA
KHUTSHWA

STUDENT PRESENTATIONS

Stamping Ground: Investigating the walkability of Rhodes University students in Makhanda, South Africa. (*Ms Huresha Padayachee, RU Geography, Phd candidate*)

A Citizen Science Approach to Mapping, Eradicating & Monitoring Invasive Alien Plants on Mountain Drive, Makhanda. (*Ms Mbali Mgoshwa, RU Geography, BSc Hons*)

A Geospatial Approach to Analysing and Modelling Road Traffic Accidents in the Kouga Municipality. (*Mr Jeremiah McCabe & Dr Wilma Britz, MSc Candidate & supervisor, Geoscience Dept, NMU*)

A comparative analysis of Random Forest and Support Vector Machine-based regionalisation techniques for streamflow simulation in the Mgwalana River Catchment, in the Keiskamma basin. (*Mr Sinxolo Soya, Dr Wilma Britz, and Mr Sive Mlamla. MSc Candidate & supervisors, Geoscience Dept, NMU*)

Detection and Monitoring of Landslide Using Remote sensing data and Machine learning in eThekweni Metropolitation of KwaZulu Natal province, South Africa. (*Ms Phiwokuhle Madulini. MSc Candidate, UFH, GIS and Remote Sensing*)

BOTANY MAJOR LECTURE THEATRE

12.30PM

LUNCH

GISSA COMM. & RU
GEOGRAPHY STUDENTS

DEPT. OF GEOGRAPHY, ROOM A37

2.15PM

GILLIAN
MCGREGOR

INDUSTRY & RESEARCH PRESENTATIONS

The current status of AI in GIS: challenges and opportunities. (*Mr David Kinsler, Researcher, Centre for Biological Control, RU*)

Teaching GIS for Geographers in a Massified Higher Education Context: Challenges and Innovations. (*Mr Gideon Brunsdon and Dr Wilma Britz. Geoscience Dept, NMU*)

GIS and RS: diversity in analysis and problem solving. (*Prof. Ian Meiklejohn. RU Geography*)

BOTANY MAJOR LECTURE THEATRE

3.15PM

SIBO MLOMZALE

EC GISSA AGM REPORT CLOSURE

The cost for non-GISSA members to attend the event is R250

Please register and then request an invoice from the GISSA secretary: [Secretary](#)

There is no cost to attend for GISSA members

But please register online if you plan to attend: [Registration Form](#)

To join GISSA

Fill in an online application from the GISSA website: [Join GISSA!](#)

To contact the EC GISSA Chairperson

[Sibonile Mlomzale](#)

To contact the EC GISSA Committee Member at Rhodes

[Gillian McGregor](#)

Rhodes University Geography Department, Google – My Maps link for venues and parking

https://www.google.com/maps/d/edit?mid=1u87NneLf_0PwX-QVxNB1pGAut_I-80w&usp=sharing

