

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

(18 MIN. FOR
PRES., 2 MIN.
Q&A)

INDUSTRY & RESEARCH PRESENTATIONS

Preparing GIS Professionals for the Future. (Ms Arwen Bowman, *Esri South Africa, Gqeberha*)

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

(12 MIN. FOR
PRES., 3 MIN.
Q&A)

STUDENT PRESENTATIONS

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

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

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 Metropolitaton of KwaZulu Natal province, South Africa. (*Ms Phiwokuhle Madulini. MSc Candidate, GIS and Remote Sensing, UFH*)

BOTANY MAJOR LECTURE THEATRE

12.30PM

LUNCH

GISSA COMM. & RU
GEOGRAPHY STUDENTS

DEPT. OF GEOGRAPHY, ROOM A37

2.15PM

GILLIAN
MCGREGOR

(18 MIN. FOR
PRES., 2 MIN.
Q&A)

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: <https://share.google/OXLuNFXg4K4NyzVRh>

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_OPwX-QVxNB1pGAut_I-80w&usp=sharing

