

# Conference Programme



# FOSS4G AFRICA 2017

## Monday, June 26, 2017

07:30 - 08:30	<b>Registration SAGTA- Quad</b>
08:30 - 09:15	<b>Plenary - REA - Welcome SAGTA Chair Report: Bridget Fleming</b> Geography Olympiad: <b>Dr. Clinton van der Merwe</b>
09:15- 10:15	<b>Keynote - REA: A 20-year Journey: The Story of Introducing GIS in Australian Schools: Malcolm McInerney</b>
10:15 - 10:45	<b>TEA - QUAD</b>
10:45 - 11:30	<b>Talk REA - Feedback from the AAG conference: Brandon Louw</b> New Trends in Geography: <b>Pam Esterhuysen</b>
11:30 - 12:00	<b>Plenary - REA - 21<sup>st</sup> Century Learning Skills: Fiona Kampman</b>
12:00 - 12:30	<b>Plenary - REA - Making Statistics Meaningful in Education: Graham Evans</b>
12:30 - 13:30	<b>LUNCH - Old Johannian Club</b>
	<b>Workshops:</b>
13:30 - 15:00	<ul style="list-style-type: none"> <li>◆ OpenStreetMap mapping: <b>Lab 1 Dr. Victoria Rautenbach</b></li> <li>◆ Using Models in Geography: <b>AWV Centre Room G1: Barry Bryant</b></li> </ul>
15:00 - 15:30	<b>TEA - QUAD</b>
	<b>Workshop:</b>
15:30 - 17:00	<ul style="list-style-type: none"> <li>◆ Approaching the Learning Curve for the Use of GIS in the Classroom (A Skills development process) <b>Lab 1: Malcolm McInerney</b></li> </ul>
17:00 - 18:00	<b>Meeting SAGTA NATIONAL COMMITTEE (Venue to be advised)</b>
18:00 - 22:00	<b>SUPPER - Old Johannian Club Drinks and pub grub</b>

## Tuesday, June 27, 2017

07:30 - 18:00	<b>SASDI workshop Jeffrey Auditorium</b>
07:30 - 08:30	<b>Registration SAGTA Quad</b>
08:30 - 09:30	<b>Keynote - REA Connecting and responding to the challenge of quality geography education: Prof Di Wilmot</b>
09:30 - 10:15	<b>Plenary - REA Beyond the Classroom: Dr. Colleen Henning</b>
10:15 - 10:45	<b>TEA - QUAD</b>
10:45 - 11:30	<b>Talk - REA Exploring the role of a Google Group in enabling lesson resource sharing in a South African geography teachers' professional: Paul Goldschagg</b>
11:30 - 12:00	<b>Talk - REA An Interdisciplinary Approach to Education: Elizabeth Nesbitt</b>
	<b>Workshop:</b>
12:00 - 12:30	<ul style="list-style-type: none"> <li>◆ Tangible Landscape: <b>AWV Centre Room G2: Sam Jones</b></li> </ul>
12:30 - 13:30	<b>LUNCH - DARRAGH HALL</b>



13:30 - 15:00	<b>Workshops:</b> <ul style="list-style-type: none"> <li>◆ Digital Products in the Classroom - A Practical Approach Using the Interactive Skills Atlas: <b>Lab 1: Heather Brogan</b></li> <li>◆ Making Topo Maps for the Classroom Using GIS: <b>Lab 2: Brandon Louw</b></li> </ul>
15:00 - 15:30	<b>TEA - QUAD</b>
15:30 - 17:00	<b>Workshops:</b> <ul style="list-style-type: none"> <li>◆ Making Geography Practical in the Lab <b>Sci Lab Greg Hingle</b></li> <li>◆ Introduction to Cartography with QGIS: <b>Lab 1 Admire Nyakudya, Kartoza</b></li> </ul>
17:00 - 18:00	<b>Interest Group Meetings</b>
18:00 - 22:00	<b>SUPPER - Old Johannian Club Drinks and pub grub</b>

### Wednesday, June 28, 2017

07:00 - 08:30	<b>Registration SAGTA, FOSS4G, GISSA - Quad</b>
08:30 - 09:30	<b>Plenary - REA</b> Welcome, Introductions, Short talks: Building a Tangible Landscape for your local school: <b>Gavin Fleming</b> GeoMentoring: <b>Pam Esterhuysen</b> Box of Rocks: <b>Nick Norman</b> School GIS Olympiad <b>Bridget Fleming</b>
09:30 - 10:15	<b>Keynote - REA The Spatial: Malcolm McInerney</b>
10:15 - 10:45	<b>TEA - QUAD</b>
10:45 - 11:30	<b>Panel discussion - REA</b> How can the GIS industry help education? Panel: Educators
11:30 - 12:00	<b>Plenary - REA</b> Job Reservation for Geomatics Professionals: <b>Sam Osei</b> (GISSA Gauteng Chair)
12:00 - 12:30	<b>Talk - REA</b> Using FOSS GIS in the Classroom: <b>Brandon Louw</b> <b>Talk - Jeffrey Auditorium</b> The Use of Mobile and Free Open Source Software in Providing Addresses for rural South Africa: <b>Mnqweno Mnyengeza StatsSA</b>
12:30 - 13:30	<b>LUNCH - DARRAGH HALL</b>
13:30 - 14:00	<b>Talk - REA</b> YouthMappers: a global network to empower students in mapping the world: <b>Dr Victoria Rautenbach</b> <b>Talk - Jeffrey Auditorium GISSA</b>
13:30 - 15:00	<b>Workshop:</b> <ul style="list-style-type: none"> <li>◆ Advanced QGIS for Educators: <b>Lab 1: Admire Nyakudya, Kartoza</b></li> </ul>
14:00 - 14:30	<b>Talk - REA</b> Using QGIS in support of the South African land claims process: <b>Frank Sokolic</b> <b>Talk - Jeffrey Auditorium GISSA</b>
14:30 - 15:00	<b>Talk - REA</b> Using QGIS in Preparing the Electricity Distribution Area of Supply information for NERSA <b>Derrick Wells, Eskom</b> <b>Talk - Jeffrey Auditorium GISSA</b>
15:00 - 15:30	<b>TEA - QUAD</b>
15:30 - 16:30	<b>Panel discussion REA</b> What skills does industry need today coming out of school and university: <b>Panel: GIS industry</b>
16:30 - 17:00	<b>GIS Olympiad, map competition</b>



17:00 - 18:00	<b>Interest Group Meetings</b>
18:00 - 22:00	<b>SAGTA + FOSS4G + GISSA Joint conference dinner with live entertainment - Old Johannian Club</b>

### Thursday, June 29, 2017

07:00 - 08:30	<b>Registration FOSS4G and QGS - Quad</b>
08:30 - 09:30	<b>Plenary - REA Welcome, Introductions, Open discussion</b>
09:30 - 12:30	<b>Workshops:</b> <ul style="list-style-type: none"> <li>◆ A beginner's introduction to GIS with QGIS: <b>Admire Nyakudya, Kartoza Lab 1</b></li> <li>◆ QGIS Expressions: <b>Tim Sutton Sci Lab</b></li> </ul>
12:30 - 13:30	<b>LUNCH - Old Johannian Club</b>
13:30 - 14:00	<b>Plenary - REA What's coming in QGIS 3.0: Tim Sutton</b>
14:00 - 14:30	<b>Plenary - REA QGIS Server: Etienne Trimaille</b>
14:30 - 15:00	<b>Plenary - REA QWAT - Use and challenges in the South African context: Immo Blecher</b>
15:00 - 15:30	<b>TEA - QUAD</b>
15:30 - 16:30	<b>Keynote - REA Highlights from SmatherMather blog, PostGIS Tips and Tricks, OpenDroneMap: Stephen Mather</b>
16:30 - 17:00	<b>Plenary - REA QGIS User Group discussion</b>
17:00 - 18:00	<b>Interest Group Meetings</b>
18:00 - 22:00	<b>Social at Maboneng / 1 Eloff / Fox Street</b>

### Friday, June 30, 2017

07:30 - 08:30	<b>Registration FOSS4G, QGIS- QUAD</b>
08:30 - 12:30	<b>Workshops:</b> <ul style="list-style-type: none"> <li>◆ Disaster Risk Management with InaSAFE: <b>Lab 1: Tim Sutton</b></li> <li>◆ GeoSpatial outputs from flying robots: FOSS Photogrammetric Wlchemy with OpenDroneMap: <b>Lab 2: Stephen Mather</b></li> </ul>
12:30 - 13:30	<b>LUNCH - Old Johannian Club</b>
13:30 - 17:30	<b>Workshops:</b> <ul style="list-style-type: none"> <li>◆ Water, water, everywhere...QGIS water and sanitation workflows in an informal settlement in Cape Town: <b>Lab 1: Chris Berens</b></li> <li>◆ Building a QGIS plugin: <b>Lab 2: Christian Christelis</b></li> </ul>
18:00 - 22:00	<b>Pub Dinner Old Johannian Club</b>

### Saturday, July 01, 2017

08:30 - 17:30	<b>Code Sprint and UN GIS Hackathon</b>	<b>JCSE - Braamfontien</b>
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