

  

**GIS CAREER DAY: DRONE AND GEOAI TECHNOLOGY: WHERE ARE YOU EC?**

**AGENDA- 15 MAY 2025**

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| **TIME** | **TOPIC** | **PRESENTER** |
| 08:00 – 09:00 | **MORNING TEA** | ALL |
| 09:00 – 09:15 | OPENING & WELCOMING | GISSA |
| 09:15 – 09:30 | PURPOSE OF THE DAY | GISSA |
| 09:30 – 09:50 | EXPECTATIONS |  HIGH SCHOOL |
| 09:50 – 10:20 |  | BCMM |
| 10:20 – 10:50 | Towards optimized characterization of maize cultivars in the small-scale farms of the Mutale River catchment based on UAV data and ensemble machine learning algorithms | SANGE MFAMANA (UNIVERSITY OF FORT HARE MASTERS STUDENT) A person wearing glasses and a plaid shirt  AI-generated content may be incorrect. |
| 10:50 – 11:20 |  | STATS SA: EC |
| 11:20 – 11:40 | Q & A |  |
| 11:40 – 11:50 |  **BREAK 10 MINUTES** |  |
| 11:50 – 12:20 |  | LUVO QUMBA (ETHEKWINI MUNICIPALITY) |
| 12:20 – 12:50 | City of Cape Town’s Geospatial Datasets and Applications | LARA ROTTCHER (CITY OF CAPE TOWN) |
| 12:50 – 13:00 | Q & A | ALL |
| 13:00 – 14:00 | **LUNCH 60 MINUTES** | ALL |
| 14:00 – 14:30 | The Future in Focus: Starting your Digital Twin Journey with Drones, 3D Analysis, Simulations, and GeoAI. | STUART MARTIN (Esri South Africa) |
| 14:30 – 15:00 | The Road to Professional Registration | LUYANDA GQIBA (SAGC) |
| 15:00 – 15:20 | Q & A | ALL |
| 15:20 – 15:40 | CLOSURE | GISSA |