

### **GCRO junior researcher: GIS**

The Gauteng City-Region Observatory (GCRO) is a research centre set up in partnership between the University of Johannesburg (UJ), the University of the Witwatersrand, Johannesburg (Wits), the Gauteng Provincial Government (GPG) and organised local government ([www.gcro.ac.za](http://www.gcro.ac.za)). GCRO's mission is to build the knowledge base that government, business, labour, civil society and citizens need to develop a competitive, sustainable and inclusive Gauteng City-Region. We undertake research ourselves, work in partnership with others, collect data and use it to benchmark the region locally and internationally, and provide policy support to government, working to the highest academic standards. We want to expand our skills base with **a highly skilled and motivated junior GIS researcher** who shares a commitment to help develop a more sustainable, equitable and prosperous Gauteng City-Region.

The junior researcher: GIS position will provide a post-graduate with the opportunity to gain meaningful workplace experience and to apply and develop their GIS skills in line with the research and objectives of the GCRO. Tasks will include working with the Senior Systems Manager to: maintain the GIS database and metadata; perform GIS analysis for various research projects; produce the 'map of the month' and other innovative data visualisations; and assist with updates on the GCRO GIS website and applications. The junior researcher will also be responsible for conducting their own research and publishing in accredited academic journals. The position, therefore, has both an academic and support role within the organisation. Candidates will be expected to have completed a Geoinformatics degree, or an Honours or Masters degree focusing on GIS/Geoinformatics. The requirements for the post are as follows:

- Experience in applied GIS mapping and analysis (1-2 years) using Esri ArcGIS desktop software
- Demonstrated practical use of GIS in a research context

Experience with Esri ArcGIS Server will be advantageous. Registration with the SA Council for Professional and Technical Surveyors in the GISc category is encouraged.

A competitive remuneration package is available. To apply, submit a covering letter addressing the selection criteria specifically; a detailed CV with names, addresses, contact numbers and e-mails addresses of 3 referees willing to provide references; examples of your GIS mapping projects and/or analysis; and certified copies of your academic qualifications, i.e. degrees/diplomas and academic record/transcript to: Executive Director, GCRO, Private Bag 3, Wits 2050 or e- mailed to [farah-naaz.moosa@gcro.ac.za](mailto:farah-naaz.moosa@gcro.ac.za).

The closing date for all applications is 16:00, Friday 6 June 2014.

Shortlisted candidates may be required to complete a short GIS practical exercise as part of the interview process. The GCRO reserves the right not to make an appointment.