

## GCRO GIS Internship Programme

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. 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 GIS intern who shares a commitment to help develop a more sustainable, equitable and prosperous Gauteng City-Region.

The purpose of the one-year GIS internship is to provide newly qualified post-graduate students with the opportunity to gain meaningful workplace experience, and to develop their applied GIS skills. The work programme of the intern will be in line with the research and other work objectives of the GCRO, and includes assisting with map production and GCRO outputs such as the map of the month; updating the GCRO GIS databases and websites; and performing GIS spatial analyses for a variety of GCRO research projects. In particular, the GIS intern will work on the GCRO's project on *Green Assets and Infrastructures*, where they will be expected to collect publically available green asset spatial datasets of the GCR, explore methods for mapping green assets and ecosystems services and complete maps for various project outputs. The intern will also engage with the GCRO staff, academic and government partners, and projects during their internship, as well as present their analysis results and produce an academic publication based on their work.

Candidates are expected to have completed a Masters degree in the applied natural sciences and /or in the fields of urban planning, with a particular focus on GIS/Geoinformatics. Candidates in the fields of GIS/Geoinformatics, with a strong applied research focus, are also encouraged to apply. Exceptional GIS Honours graduates will also be considered. The requirements for the internship are as follows:

- Basic experience in GIS mapping and analysis using ESRI ArcGIS desktop software
- Demonstrated practical use of GIS in a research context
- Good communication skills (oral and written).

A competitive internship 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 GIS maps produced by the candidate; 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 info@gcro.ac.za.

The closing date for all applications is 16:00, Friday 5 December 2014.

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