

# Our future through science

*The CSIR (Council of Scientific and Industrial Research) is one of the leading research and development, technology and innovation institutions in Africa. With a track record spanning over 60 years, the CSIR is committed to serving the development objectives of South Africa and the region through top skills and by performing research that is relevant and has impact. With an emphasis on building and transforming human capital, the CSIR plays a key role in ensuring the science and technology competence to address challenges of the future.*

## Researchers – Remote Sensing of Natural Resources

Immediate full-time vacancies are available for remote sensing researchers in the CSIR Ecosystems Earth Observation (EO) Group and the Meraka Remote Sensing Research Group (RSRG). These two research groups, which are both situated in Pretoria, assist natural resource scientists with remote sensing components on projects, while at the same time exploring research avenues in line with the socio-research vision of the CSIR.

Current Ecosystems EO and Meraka RSRG research efforts are geared towards system-level remote sensing of natural resources, which includes ecosystem state description, definition, modelling, multi-temporal analysis, change detection, and mapping. These specific positions will focus on integration of remote sensing inputs (e.g. satellite and airborne imagery and radiometer and laser measurements) for monitoring natural resource state and change.

Successful applicants will be expected to perform independent remote sensing (earth observation) research structured around the thematic foci of the Ecosystems and Meraka groups. Responsibilities will include: 1. Ability to perform both strategic fundamental and applications-driven research. 2. Publish and present their research in international peer-review journals and at international conferences. 3. Aid in proposal writing and project definition and description, and 4. Assist current researchers with broader group projects.

The minimum qualification sought is a Master's degree in the natural sciences, with a strong focus on Remote Sensing. The candidates must be willing to work towards a PhD degree or on long-term projects if he/she already has obtained a PhD degree, be hard-working, willing to learn, adapted to independent study and function well in a collegial scientific community.

These specific positions will focus on integration of remote sensing inputs (e.g. satellite and airborne imagery and radiometer and laser measurements) for monitoring natural resources, as well as fundamental remote sensing research.

Interested parties should send their details to CSIR via e-mail only on [vacancies@csir.co.za](mailto:vacancies@csir.co.za), clearly indicating the job title when applying, by 23 October 2006.

The appointment will be made in accordance with the CSIR's employment equity initiatives. Correspondence will be limited to shortlisted candidates only.

Website: [www.csir.co.za](http://www.csir.co.za)

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