

CAREER OPPORTUNITY

The Council for Scientific and Industrial Research (CSIR) is a leading scientific and technology research organisation, implementing projects throughout Africa and making a difference in people's lives.

Senior Researcher: Civil Engineering

About the job:

The CSIR has a vacancy for a **Senior Researcher: Civil Engineering** in the Transport Infrastructure Engineering (TIE) competence area within the Built Environment (BE) unit. The incumbent will provide expertise in road pavement construction material. This position is based in Pretoria.

Key responsibilities:

- Participate in the further growth and development of the competence area;
- Undertake research; develop project proposals; and interact with other professionals across the group and within the CSIR, as well as from the industry at large;
- Manage projects executed within the group, potentially involving external collaborators;
- Mentor junior staff;
- Actively service strategic research alliances and liaise with clients across all levels.

Qualifications, skills and experience:

- A Master's degree in civil engineering with at least ten years' experience in the fields of road/railway engineering, geotechnical engineering, sustainable construction and technology transfer in transport infrastructure engineering;
- A Doctoral degree will be advantageous;
- Demonstrable research skills, proposal- and report-writing and project management skills;
- Must be registered with a professional body or in the process of doing so;
- Ability to provide technical leadership in the field of infrastructure engineering;
- Ability to innovate and generate new knowledge;
- Good interpersonal and team skills;
- Computer (MS software), programming and IT skills;
- Ability to work independently as well as in a team;
- Problem-solving and solution-seeking orientation;
- Excellent English communication, presentation and writing skills, including the publication of technical outputs;
- Networking abilities to proactively establish and maintain links with internal and external stakeholders and clients, as well as the research community;
- Must have a valid South African driver's licence (code EC1 or code 10 would be advantageous).

Should you meet the above requirements, please email your CV to jobapplications@csir.co.za with your name and surname, position title and reference number in the subject line, **(eg. John Smith: Senior Researcher: Reference No: 307988)**

Closing date: 05 May 2017

PLEASE NOTE THAT FEEDBACK WILL BE GIVEN TO SHORTLISTED CANDIDATES ONLY.

For more info, please contact the CSIR Recruitment Centre on **012 841 4774** or email us at Recruitmentinfo@csir.co.za

*The CSIR is an equal opportunity employer. As such, it is committed to the Employment Equity Act of 1998. By applying for this position at the CSIR, the applicant understands, consents and agrees that the CSIR may solicit a credit and criminal report from a registered credit bureau and/or SAPS (in relation to positions that require trust and honesty and/or entail the handling of cash or finances) and may also verify the applicant's educational qualifications and employment history. **The CSIR reserves the right to remove the advertisement at any time before the stated closing date and it further reserves the right not to appoint if a suitable candidate is not identified.***