

CAREER OPPORTUNITY

The Council for Scientific and Industrial Research (CSIR) is a leading scientific and technology research organisation that researches, develops, localises and diffuses technologies to accelerate socio-economic prosperity in South Africa. The organisation's work contributes to industrial development and supports a capable state.

Senior Researcher: Transport Economist

About the job:

The CSIR has a vacancy for a **Senior Researcher: Transport Economist** in the Transport Systems and Operations impact area within the Smart Mobility cluster. The position provides econometric modelling support in transport research projects and programmes, with specific emphasis on passenger and freight transport industry operations. This position is based in Pretoria.

For more information about the impact area and cluster, please visit <https://www.csir.co.za/smart-mobility>.

Key responsibilities:

- Lead the development of econometric models to support research projects and programmes;
- Develop and calibrate appropriate Computable General Equilibrium (CGE) models for the transport sector;
- Develop responsive revenue-cost models for transport operations;
- Develop appropriate models to assist with the internalisation of transport costs in policies;
- Lead the systematic collection of comprehensive primary and secondary datasets for use in transport policy development and monitoring programmes;
- Support research work related to feasibility studies, lifecycle cost analysis, cash-flow models and/or investment analyses;
- Generate and publish original research work.

Qualifications, skills and experience:

- A Masters' degree or equivalent, in transport economics with at least ten years' experience; in CGE modelling, pricing strategies, market survey designs, econometric modelling, transport cost and benefit analyses and travel demand management planning and implementation;
- Doctoral degree or studying towards one will be advantageous.;
- Knowledge of transport related legislation;
- Computer literacy and experience in using standard software packages;
- Must have working knowledge of transport economics domain software packages;
- Be at a senior or principal level on the career ladder;
- History of disseminating research outputs in the form of technical papers;
- Communication skills (including oral, written, presentation and facilitation);
- Excellent report writing and analytical skills;

- Effective communication and presentation skills;
- Problem-solving skills and solution-seeking orientation;
- Ability to work independently as well as part of a team;
- A driver's license is essential.

Should you meet the above requirements, please email your CV to recruitment01@csir.co.za with your name and surname, position title and reference number in the subject line, **(eg. John Smith: Job title: Reference No: 310172)**

Closing date: 25 September 2020

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 recruitment01@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.***