



SOUTH AFRICAN ROAD FEDERATION

presents a 1 day course on

'Perspectives on Traffic Impact Assessment'

PRESENTERS

Steven Sutcliffe
Prof. Mark Zuidgeest

**Tuesday 17th October 2017 –
Gauteng**

**Wednesday 18th October 2017-
Durban**

**Friday 20th October 2017
Cape Town**

Course start at 08:00 – 17:30

*Delegates
can claim 1
CPD
point*

COURSE DESCRIPTION

Traffic Impact Assessments (TIA) are required to determine the traffic impact of a land development proposal and whether such development can be accommodated by the transport system. Requirements and standards for TIAs in South Africa have been described in the South African Traffic Impact and Site Traffic Assessment Manual. This one-day training workshop aims to provide the participants with the transport informants to conducting a TIA, the basic understanding on the relations between land development, transport and accessibility, and ways to manage/ control this relation. Examples of existing TIA studies, the set-up of TIA studies and TIA computer simulations will be given and discussed. After the course participants should be able to (more) confidently evaluate TIA recommendations.

Key questions addressed in the course

- What are the transportation informants to a TIA (trip generation, trip distribution, modal split, assignment etc.)?
- What role do the Land Use Master Plan and/or Access Management Strategy play in a TIA?
- What are the primary issues when considering a TIA?
- What should be the content of a TIA?
- What tools should be utilized to produce a TIA?
- How to adjudicate a TIA?
- Primary aspects of a TIA - impact, mitigation, parking, public transport.
- How to achieve consensus between Public and Private sectors?
- Examples of analysis and conclusions/recommendations

Who should attend this course?

This training course is aimed at practitioners who either have a transport background and who have an interest in using transport models to conduct a TIA, or those who are tasked with evaluating TIA recommendations. Participants are expected to have looked at the South African Traffic Impact and Site Traffic Assessment Manual prior to the training.

COURSE OBJECTIVES

- To introduce the theory of land use transport interaction
- To discuss the principles of a Traffic Impact Assessment in view of guidelines presented in the South African Traffic Impact and Site Traffic Assessment Manual
- To review the process steps in a Traffic Impact Assessment and its interpretation
- To discuss stakeholder involvement in a Traffic Impact Assessment
- To introduce the basics of traffic simulation
- To review a number of South African and some international case studies

COURSE PRESENTERS

Associate Professor Mark Zuidgeest (1974) is a Dutch civil engineer by training and is the SANRAL Chair in Transportation Engineering and Planning at UCT since 2013. Steve Sutcliffe (1959) has degrees in civil engineering, traffic and transport planning, and transportation logistics from Liverpool, Witwatersrand, UCT and UNISA. As a traffic and transportation consultant Steve has conducted dozens of TIA's in and outside of South Africa. Mr. Sutcliffe is also a guest-lecturer and examiner at UCT.

Certification and accreditation

Delegates "successfully" completing this Course will receive a certificate of attendance and participation. This course is accredited by the Engineering Council of South Africa (1 CPD point).

Course Materials

A copy of the course notes will be given out at the start of the training.

A minimum number of 10 participants per venue applies.

COURSE FEES INCLUDING VAT

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|-------------------------|----------------|
| SARF Members | R 2 500 |
| Non-SARF Members | R 3 000 |

The fee includes a bound set of notes, teas and a light lunch.

***Interested delegates should register on-line:
www.sarf.org.za***

***Terms and conditions apply
Registrations close on Friday 6th October 2017***

***EXACT VENUE WILL BE CONFIRMED WHEN
PROOF OF PAYMENT IS RECEIVED BY SARF***

SARF Contact: Sybul/ Tshidi

Tel: 011 394 9025/1459

Fax: 011 394 7934

E-mail: sybul@sarf.org.za / tshidi@sarf.org.za