



## SOUTH AFRICAN ROAD FEDERATION

will present a 2 day **Virtual** course

### GRAVEL ROAD DESIGN, CONSTRUCTION & MAINTENANCE

#### PRESENTERS

Dr. P Paige-Green  
G van Zyl

Monday 19<sup>th</sup> – Tuesday 20<sup>th</sup>  
July 2021

**VIRTUAL Via MS TEAMS**

**Delegates can claim  
2 ECSA CPD points**



10 CPD Hours  
Allocated

#### **COURSE DESCRIPTION**

Unsealed (gravel & earth) roads comprise more than 75% of the proclaimed road network in South Africa. Over the past 30 years considerable research has been carried out regarding the design, construction, maintenance, management and upgrading of unsealed roads, which has been incorporated in the revised Draft TRH 20 document. The objective of this course is to systematically work through the information in this document, with examples and practical exercises.

#### **The course covers:**

The performance of unsealed roads  
Design of unsealed roads  
Construction aspects  
Maintenance  
Gravel road management  
Investigation and maintenance measure selection  
Safety aspects  
Rehabilitation, improvement and upgrading

This is a high level course and is aimed at Engineers, Technologists and Technicians with at least 5 years post-graduate experience who are involved in the design, construction and maintenance of unsealed roads.

#### **COSTS Including VAT**

SARF Members  
Non- Members

R 4 100

R 4 700

#### **COURSE PROGRAMME**

##### DAY 1

- Introduction and background
- Performance of unsealed roads
- Design and construction
- Practical and virtual field trip

##### DAY 2

- Maintenance and management
- Maintenance measure selection  
Safety Rehabilitation, improvement and upgrading
- Concluding remarks & closure

*Interested delegates should register on-line  
[www.sarf.org.za](http://www.sarf.org.za)*

***Terms and conditions apply***

***Registrations close on Wednesday 14<sup>th</sup>  
July 2021***

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