



CHERISH  
PROMOTE  
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To all the members of the Geological Society of South Africa: your society has served you well over the past few years. We have made some critical decisions in the professional landscape to support your broader vocation. There is significant posturing and rallying in various circles around the professional identity of all institutions. Be assured that the society puts your broader interests as central priority to all decision making. We have tackled numerous situations head on over the time period and I thank everyone for their input and rationale.

The International Geological Congress was a long time coming and seemed to go by in a blur of activity and interest. Here too the Society was ably represented by many members through the conference organization, speaking, posters, on committees, during the event and on fieldtrips. I want to thank everyone who contributed in any way big or small. Sometimes we don't necessarily receive just thanks for our efforts but please know that everyone's contributions collectively ensured that we can be proud of the event. From me: Thank-you.

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**REGISTER**

**GSSA**  
Geological Society of South Africa

27 - 29 JULY 2017

**GEOSKILLS**

VENUE: CSIR MININGTEK, CARLOW RD &  
RUSTENBURG RD, AUCKLAND PARK, JOHANNESBURG

If you're a student, graduate or new entrant in the mining industry, this course is for you. It will provide a refresher on geological techniques used in the industry, as well as hot new topics in geoscience. For those who routinely bunked their geology classes, it will probably all be hot new topics!

In addition, don't get caught between a rock and a hard place: learn how to catch the eye of the recruiter (in the CV sense), crack the interview and shed those pre-conceived ideas about mentoring.

[Click here to register](#)



[Calendar of Events](#)



18 - 20 August 2017

**SAVE THE DATE**

CONFERENCE SECRETARIAT

Scatterlings Conferences & Events  
Charne Millett-Clay  
+27(0)11 463 5085  
charne@soafrica.com

### An Introduction to the Field Analysis of Tectonic Structures modeling workshop:

Professor Mike Watkeys of the University of KwaZulu-Natal will be leading a 2 ½ day field school from 18-20 August 2017 at Babanango Valley Lodge near Vryheid in KwaZulu Natal.

Join us on this interactive course and learn how to recognise, map and measure brittle and ductile structures in the field. In addition, we will learn how to analyze those structures to obtain their current 3D orientation, establish the stress and strain regimes that produced those structures, use that information to reconstruct the tectonic history and make predications with regards to structural controls on mineralisation.

Field work will be undertaken on deformed Archaean rocks of the SE Kaapvaal Craton.



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#### **Joining the GSSA**

Please login to the GSSA website :

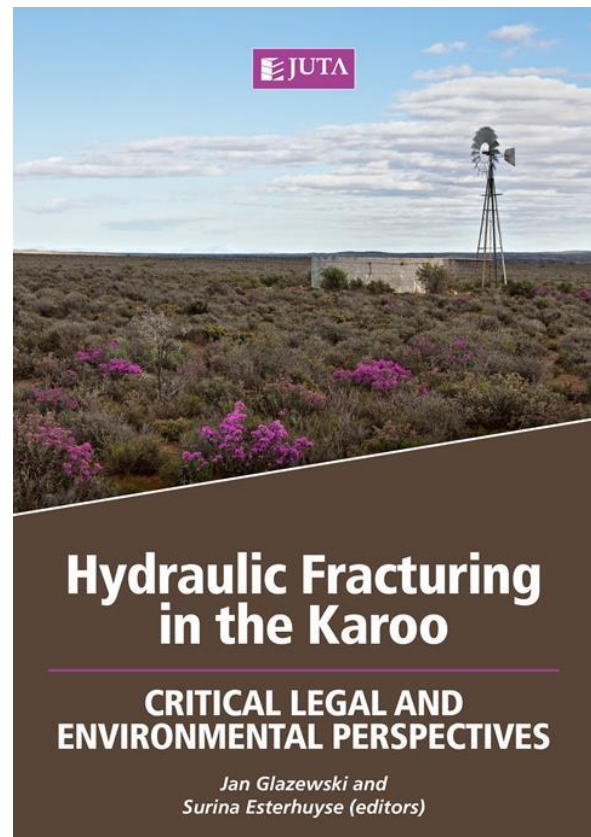
[www.gssa.org.za](http://www.gssa.org.za) and complete the online member application - For more information please send an email to

[lully.govender@gssa.org.za](mailto:lully.govender@gssa.org.za)

#### **Deceased Member**

**Our sincerest sympathy goes to the family and friends of the deceased.**

**Deon Gert Pieterse - Member**



## **Hydraulic Fracturing in the Karoo**

### **CRITICAL LEGAL AND ENVIRONMENTAL PERSPECTIVES**

*Jan Glazewski and  
Surina Esterhuysen (editors)*

#### **NEW BOOK IN STOCK**

#### **R550 excl postage**

*Hydraulic Fracturing in the Karoo: Critical Legal and Environmental Perspectives* explores a broad-ranging set of questions related to proposed hydraulic fracturing or 'fracking' in the Karoo. The book is multidisciplinary, with contributors including natural scientists, social scientists, and academics from the humanities, all concerned with the ways in which scientific facts and debates about fracking have been framed and given meaning.

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to order](#)



# Awards 2016/2017

## **Congratulations to the following GSSA Members**

### **\*Beukes, Prof. Nicolas**

Director, Department of Science and Technology (DST)-National Research Foundation (NRF) Centre of Excellence for Integrated Mineral and Energy Resource Analysis (CIMERA), Department of Geology, University of Johannesburg (UJ)

#### **Award Categories:**

- Contribution over a lifetime

### **\*Pickering, Dr Robyn**

Lecturer, Department of Geological Sciences, University of Cape Town (UCT)

#### **Award Categories:**

- TW Kambule-NSTF Awards: Emerging Researchers

## **Groundwater & Soil Contamination Assessment & Remediation Conference**



21-22 Aug 2017  
**BOOK NOW!**  
and save 10%!

2 SACNASP CPD points

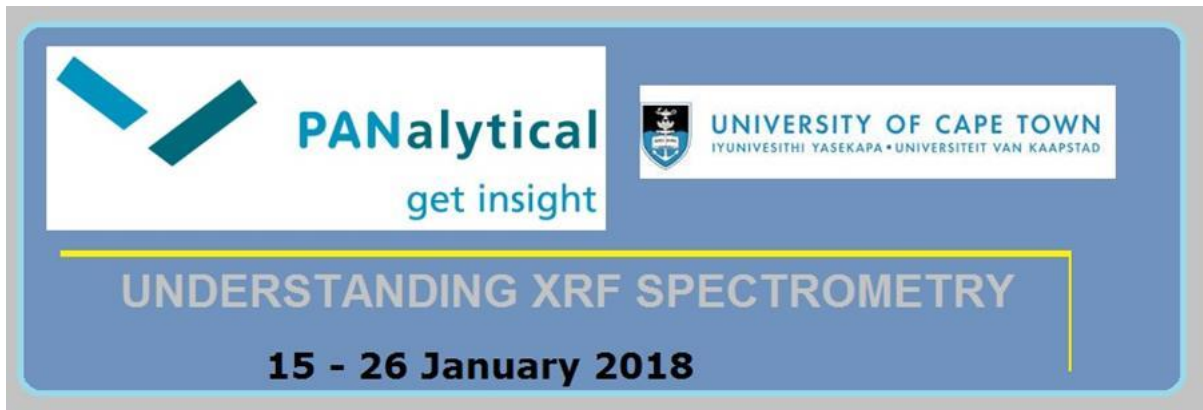
email: [Virginia@ecopartners.co.za](mailto:Virginia@ecopartners.co.za)

Tel: 011- 431 2251



This networking opportunity will offer participants a platform to discuss the hybrid disciplines between soil, groundwater, surface water and the management thereof. Latest regulations on contaminated soil will be explored. It will provide an update on recent research findings and development pertaining to remedial methods and technologies. Tried and tested case studies with successful results will be shared giving an insight of available strategies for different contaminants.

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**PANalytical**  
get insight

**UNIVERSITY OF CAPE TOWN**  
IYUNIVESITHI YASEKAPA • UNIVERSITEIT VAN KAAPSTAD

**UNDERSTANDING XRF SPECTROMETRY**

**15 - 26 January 2018**

Initiated by Emeritus Prof James Willis, and now organized by UCT in association with PANalytical B.V., this course presents the principles and practice of XRF analysis. The emphasis will be on the application of the technique to geological materials, but applications in the cement, metals, and other industries and in environmental analysis will also be discussed. The Department of Geological Sciences will host a summer course for industry, research, and academia on the theory and practice of XRF Spectrometry.

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The International Continental Scientific Drilling Program, ICDP invites scientists from upcoming scientific drilling projects to apply for the **ICDP Training Course on Continental Scientific Drilling**

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**SAIMM**  
THE SOUTHERN AFRICAN INSTITUTE OF MINING AND METALLURGY

**YPC**  
YOUNG PROFESSIONALS COUNCIL

**Entrepreneurship in Mining Forum**  
A Focus on New Business in Mining  
25-26 July 2017 • De Beers, Johannesburg

**TOPICS**  
Decide to Act Now • Know the Rules of the Game • Enable Yourself • Do it Right

**Intrepreneurship in Mining Forum - A focus on New Business in Mining** 25-26 July 2017

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**South Africa geologist Tshiamo Legoale develops technique to "grow" gold using wheat.**

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