



ONSITE BROCHURE

16-17 June 2026  
Windhoek, Namibia

# FINDING NEW ELEPHANTS

## NEW INSIGHTS FROM HYDROCARBON EXPLORATION ALONG THE SOUTHERN AFRICAN MARGIN AND ONSHORE

### TECHNICAL PROGRAM COMMITTEE

**Alina Narubes (Chair)**  
NAMCOR

**Brad Christensen**  
Chevron

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Ministry of Mines and Energy

**Raydel Toirac Proenza**  
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Shell Namibia

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University of the Western Cape

**Shoki Kandjimi**  
Petrofund

**Marc-Olivier Spencer**  
TotalEnergies

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## DAY 1: TUESDAY 16 JUNE

07:30-08:30 **Workshop Registration**

08.30-08.45



**Welcome Address**  
**Nillian Mulemi, President**  
AAPG Africa Region

08.45-08.55



**Workshop Chairs' Greetings and Introductions**  
**Alina Narubes, GTW Chair**

08.55-09.10



**Inaugural Keynote**  
**Victoria Sibeya, Executive:**  
Upstream Exploration, **NAMCOR**

09.10-09.40



**Keynote Speaker**  
**Elsa Bof, Exploration Manager**  
**TotalEnergies**  
Recent Successes in Exploration of Orange Basin

### SESSION 1: TECTONO-SEDIMENTARY EVOLUTION, STRUCTURAL HISTORY AND EXPLORATION

**Session Co-Chairs** **Alina Narubes, NAMCOR**  
& **Marc-Olivier Spencer, TotalEnergies**

09.40-10.05 **Bryan Gill, Westwood Energy**  
High Impact Exploration on the Southwest African Atlantic Margin since 2012

10.05-10.30 **Karyna Rodriguez, Searcher Seismic**  
Role of Mass Transport Complexes in Petroleum Systems Evaluation

10.30-10.50 **Coffee Break**

10.50-11.15 **Dougal Jerram, Dougal Earth**  
Understanding your Volcanics and Their Impact on your Basin: A Case Study on Lavas Flows, and Shallow Dyke and Sill Plumbing Systems in the Kavango Karoo Basin, Namibia

11.15-11.40 **Benjamin Gréselle, Halliburton**  
De-Risking the Cretaceous Margin of Namibia and South Africa Using Earth Systems Science

11.40-12.05 **Juan Pablo Lovecchio, YPF**  
Exploring for the Namibian Plays in the South American Conjugate Margin

12.05-12.25 **Q&A Session**

12.25-13.45 **Lunch**

### SESSION 2: PETROLEUM SYSTEMS: SOURCE ROCK

**Session Co-Chairs** **Frieda Thomas, NAMCOR**  
& **Jelle Boels, Shell**

13.45-14.10 **Wina Shipo, NAMCOR**  
Revisiting the Aptian Source Rock Offshore Namibia

14.10-14.35 **Andre Stout, Rhino Resources**  
The Petroleum Systems of the Northern Orange Basin

14.35-15.00 **Francisco Silva, Galp**  
Reconciling the Source Rock with the Fluids in the Mopane Complex

15.00-15.20 **Coffee Break & Posters**

15.20-15.45 **Claire Demangeot, TotalEnergies**  
Unlocking a Complex Deep Water Petroleum System of the Orange Basin

15.45-16.05 **Karyna Rodriguez, Searcher Seismic**  
Source Rock vs Hydrocarbon Accumulation Seismic Character

16.05-16.30 **Douglas Paton, TectonKnow**  
A New Approach to Investigating the Tectono-magmatic Evolution of the Namibian Margin and Improving Heat Flow and Petroleum System Prediction

16.30-17.00 **Q&A Session**

## DAY 2: WEDNESDAY 17 JUNE

### SESSION 3: PETROLEUM SYSTEMS: RESERVOIRS AND SEALS

**Session Co-Chairs** **Guido Paparoni, BW Energy**  
& **Bart Vos, Fenix Delft Consulting**

08.30-08.55 **Yuri Perez, Pioneer Oil and Gas Consulting**  
Offshore Namibia: Large Turbidite Systems in the Orange and Lüderitz Basins

08.55-09.20 **Ansgar Wanke, Stamper Oil & Gas**  
Review of Walvis Basin Prospectivity – Similarities and Differences to the Orange Basin

09.20-09.45 **Emmanuel Crouzy, TotalEnergies**  
Seal Identification in the Context of the Outboard Part of the Orange Basin

09.45-10.15 **Coffee Break & Posters**

10.15-10.40 **Emily Kay, TGS**  
Investigating Sediment Provenance and Tracing Cretaceous Depositional Systems in the Walvis and Lüderitz Basins

11.40-11.05 **Joe Martin, Shell**  
Integrated Geological and Geophysical Characterization of Deepwater Orange Basin Reservoirs

11.05-11.30 **Guido Paparoni, BW Energy**  
Rejuvenating the Appraisal of the Kudu Field – Drilling the Kharas-1A Well

11.30-12.30 **Seismic Breakout Session**

12.30-13.30 **Lunch**

## SESSION 4: TECHNOLOGY ADVANCEMENTS AND CURRENT UNDERSTANDING

- Session Co-Chairs** **Daniel Rodrigues, Galp & Mimonitu Opuwari, University of the Western Cape**
- 13.30-13.55 **Jonathan Watson, Metatek**  
Prospect Mapping Using Full Tensor Gravity Gradiometry Data – Examples from Onshore Kwanza Basin, Angola
- 13.55-14.20 **Philippe Prat, TotalEnergies**  
Dedicated SQI Method for Better De-risking of Stratigraphic Traps
- 14.20-14.45 **Ifeyanyi Ikuze, Halliburton**  
Redefining Static Geomodeling for Exploration Using a Scalable Gridless Modeling Approach: Case Study from Deepwater Exploration in Suriname Basin
- 14.45-15.05 Coffee Break & Posters
- 15.05-15.30 **Jenny Omma, Stratum Reservoir/Galp**  
Digital Core & Cuttings Workflows - Supporting Mopane Subsurface Success
- 15.30-15.55 **Sugandha Tewari, Slb**  
Translating Orange Basin Exploration Success to Assess the Hydrocarbon Prospectivity of the Walvis and Luderitz Sub-Basins
- 15.55-16.20 **Camille Msika, Emerson**  
Geoscientist-Driven AI: Empowering Exploration Decisions with Assisted Interpretation
- 16.20-16.35 **Q&A Session**
- 16.35-16.45 **Workshop Wrap Up and Adjournment**



## Poster Presentations

**Joost van Breemen, Global Spec Oil & Gas Services**

Applying Avogadro's Law to PVT Analysis in Exploration and Drilling

**Maria Anna dos Reis, Petrobras**

Regional Petroleum System Modeling of the Namibian and South African Offshore Basins: Insights from Source Rock Charge and Migration Histories

**Anthony Fielies & Reagan Africa, Petroleum Agency SA**

From Turbidites and Beyond: The Role of Along-slope Processes in Shaping Depositional Systems Along Southern African Margins

**Geoff Anderson, ReconAfrica**

Damara Fold Belt Frontier Onshore Exploration in NE Namibia

**Ignacio Scalerandi, YPF**

Understanding the Salado and Río de la Plata Fracture Zones: Insights into the Tectono-Sedimentary Evolution of the Argentinean and Uruguayan Continental Margins

**Julia Elena Bouhier, YPF**

Cretaceous Deepwater Hydrocarbon Prospectivity Along the Argentine Margin



## Short Course

### ENHANCED UNDERSTANDING OF THE TECTONO-MAGMATIC EVOLUTION OF THE NAMIBIAN MARGIN: IMPLICATIONS ON PETROLEUM UNDERSTANDING



**MONDAY,  
15TH JUNE 2026**

**10:00 - 16:30**

#### INSTRUCTORS



**Prof. Douglas Paton**  
Tectonknow



**Prof. Dougal Jerram**  
DougalEARTH Ltd

#### SHORT COURSE OVERVIEW

The short course will be undertaken by leading academic-industry experts Prof's Paton and Jerram. The course will introduce key aspects of the development of volcanic margins based on extensive experience on field and sub-seismic studies on magmatic margins globally with specific experience of onshore and offshore Namibia/South African basins.

Participants will be introduced to the state of the art understanding of the development of magmatic margins, key concepts and facies, analogue systems, case study examples and the future potential for how an improved understanding of the tectono-magmatic evolution of these margins can be translated into a revised understanding of the implications for the petroleum system.

#### SCHEDULE

- 10:00 Registration and coffee
- 10:00–10:30 **Introduction - what problems do we face on the margin?**
- 10:30–11:30 **Magmatic margins and exploration- why it matters**
- 11:30–12:30 **Interpreting the offshore**
- 12:30–13:30 Lunch
- 13:30–14:30 **Virtual Volcanic Margin**
- 14:30–15:30 **Revised Namibian Tectono-magmatic framework**
- 15:30–15:50 Coffee break
- 15:50–16:30 **How do we account for heat flow? Discussion and wrap-up**

## Field Trip

### LANDSURFACES AND HISTORY OF THE ORANGE RIVER AND SOUTHERN NAMIBIA



**18TH – 21ST JUNE 2026**



**FIELD TRIP LEADER**  
**Roger Swart**  
BlackGold Geoscience

#### DAY 1 – DRIVE TO KEETMANSHOOP.

Stay at Maritz Country Lodge. View landsurfaces, visit bitumen vein outcrop in Nama sediments near Berseba, Brukkaros crypto-volcano, intrusive sills of Stormberg (189Ma) age.

#### DAY 2 – DRIVE TO FISH R CANYON.

Stay at Gondwana Canyon Lodge (or nearby). Permian Mesosaurus fossils east of Keetmanshoop. View canyon.

#### DAY 3 – DRIVE TO NOROTSHAMA LODGE ON ORANGE RIVER.

View outcrops of Carboniferous (Dwyka turbidites with dropstones and trace fossils) & Permian Karoo (Whitehill source rock), Orange River meanders and Cenozoic deposits. Discuss paleocourse of Orange and predecessor rivers.

#### DAY 4 – RETURN TO WINDHOEK.

With roadside stops to look at possible glacial roches moutone in the distance and Karoo-Stormberg lava contact and associated landsurface (implications for burial and recent erosion history).