

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 | Paul Howlett GEO Exploration Ltd | Tunbosun Afolayan PRO ALLY |
| Nillian Mulemi AAPG African Region President | Aune Amutenya Ministry of Mines and Energy | Geoff Anderson ReconAfrica |
| Manfriedt Muundjua BW Energy | Frieda Thomas NAMCOR | Keron Domingos-lilonga Shell Namibia |
| Guido Paparoni BW Energy | Anthony Fielies PASA | Marc-Olivier Spencer TotalEnergies |
| Brad Christensen Chevron | Julia Nekongo Petrofund | Duncan Rushworth Tower Resources |
| Bart Vos Fenix Delft Consulting | Shoki Kandjimi Petrofund | Absai Vatuva University of Namibia |
| Daniel Rodrigues Galp | Raydel Toirac Proenza Pioneer Oil and Gas | Collen Uahengo University of Namibia |
| | | Mimonitu Opuwari University of the Western Cape |

WORKSHOP OUTLINE

WORKSHOP OVERVIEW

The AAPG will be hosting Namibia's third installment of a two-day GTW in 2026 under the theme "Finding New Elephants: New Insights from Hydrocarbon Exploration Along the Southern African Margin and Onshore". Intensive drilling campaigns offshore the Namibian Margin over the past three years have resulted in multiple discoveries, opening new plays in the deep waters and providing new information with respect to the petroleum elements along the Southern African Margin.

WORKSHOP OBJECTIVES

This workshop aims to enhance the outcomes of the 2022 and 2024 AAPG Namibia GTWs by integrating seismic, geological and geophysical data to offer an in-depth analysis of the onshore and offshore geology and, to describe the proven and potential petroleum systems. Professionals, scholars, and industry enthusiasts will be able to give talks and exhibit posters with excellent, comprehensive, and creative data on the considerably reduced-risk petroleum systems offshore the Southern African Margin and Onshore. By enhancing regional knowledge of tectonic evolution, geology, and structure, these data hope to shed light on the hydrocarbon prospectivity.

Participants are expected to leave with knowledge and exposure to the following:

- Proven and possible petroleum systems of Namibia uncovering the transformational potential of the Orange Basin, rejuvenation of adjacent Deep Water Basins plus the progression of the Ovambo and other onshore basins
- Regional understanding of sedimentary & tectonic evolution, providing new insights regarding the prospectivity of these basins
- Deep water reservoirs: Updated reservoir distribution, provenance, depositional architecture and controls on reservoir and hydrocarbon quality
- Source rock characteristics, maturity and charge
- Challenges of onshore and deep-water exploration
- The application of new technologies and current understandings to advance hydrocarbon exploration
- An update on recent and projected exploration, appraisal and development activities
- Development challenges and the path forward for Namibia achieving first production

WORKSHOP GUIDELINES

CALL FOR POSTERS

You are invited to prepare a poster for presentation at the workshop. If you are interested in participating, please send a short abstract to cnavarro@aapg.org by **18 May 2026**. All posters will be produced as pull-up banners and delivered by AAPG. There will not be any other format available for poster display.

REGISTRATION TYPES & FEES

Fees are inclusive of onsite documentation, coffee breaks and luncheons.

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|--------|-----------------------------|
| \$680 | African National Non Member |
| \$550 | African National Member |
| \$1200 | International Non Member |
| \$970 | International Member |
| \$500 | Speaker / Committee |
| \$190 | Academia |
| \$90 | Student |

*To avail the Member rate you must be an active member of AAPG.

REGISTRATION DEADLINE

To guarantee your seat, please make sure to register by **9 June 2026**.

CANCELLATION POLICY

AAPG will refund the tuition, less a \$100 processing fee, if the request is received no later than 30 days prior to the workshop. Cancellations must be made in writing via email. No refund will be made for cancellations received less than 30 days prior to a workshop being given. Nonpayment of tuition does not constitute automatic cancellation. If no cancellation notice is received by 30 days prior to a workshop, participants are liable for full tuition. AAPG reserves the right to cancel a workshop if enrollment is insufficient to ensure proper effectiveness. Substitutions for individuals can be made at any time. A paid enrollment may be transferred one time to a future workshop if the request is received prior to the 30-day cut-off date.

SPONSORS

Platinum

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Luncheon

Icebreaker Reception

Workshop Abstracts



ICEBREAKER RECEPTION



Kick off the AAPG 'Finding New Elephants' GTW on a high note by joining us for a pre-event Icebreaker Reception on Monday, 15th June 2026 from 19:00 to 21:00 at Kalabar, Hilton Windhoek Hotel. This casual evening of drinks and finger food offers the perfect opportunity to network with fellow attendees and speakers in a relaxed, business-informal setting before the technical sessions begin. The reception is fully included in your registration fee, so you can simply show up and start connecting!

Day 1 Tuesday 16th 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

10:30-10:55 **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

10:55-11:15 **Coffee Break**

11:15-11:40 **Charlotte Nielsen, TotalEnergies**
Geodynamic Evolution of a Hybrid Structural and Magmatic Segment: The Brazilian Margin. How to Unravel the Complex Connection of the Southern and Central Atlantic Ocean

11:40-12:05 **Benjamin Gréselle, Halliburton**
De-Risking the Cretaceous Margin of Namibia and South Africa Using Earth Systems Science

12:05-12:30 **Juan Pablo Lovecchio, YPF**
Hunting the South Atlantic Namibian Plays in the South American Conjugate Margin

12:30-12:45 **Q&A Session**

12:45-13:45 **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 17th June

SESSION 3: PETROLEUM SYSTEMS: RESERVOIRS AND SEALS

Session Co-Chairs **Guido Paporoni, 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 Paporoni, 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 **Ifeanyi 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 Lüderitz 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

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

Samuel Aderemi & Guido van der Hoff, Slb

From AI to Agentic AI with Digital Platforms: The Next Leap in Subsurface Performance





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ACTIVITIES

16-17 June 2026 | Windhoek, Namibia

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

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**

Registration Deadline: 18th May 2026
Registration Fee: \$350

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.



FIELD TRIP

LANDSURFACES AND HISTORY OF THE ORANGE RIVER AND SOUTHERN NAMIBIA



Dates: 18th – 21st June 2026

Field Trip Leader:



Roger Swart
BlackGold Geoscience

Registration Fee: \$1,400

Registration Deadline: 15th April 2026

Price includes:

- Vehicles
- Accommodation
- Meals and drinks

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).