



BLOEMFONTEIN | SOUTH AFRICA | 14-16 OCTOBER 2026
IMVELO SAFARI | T104 | N6 | REDDERSBURG

2026 SACQSP CONFERENCE PROGRAMME

13 -16 OCTOBER 2026

DAY 1 -TUESDAY 13 OCTOBER 2026

SACQSP PRESIDENTIAL GOLF DAY PROGRAMME – BLOEMFONTEIN GOLF CLUB

TIME	ACTIVITY	
09:00 – 09:30	Player Arrival & Registration	
09:30 – 10:00	Breakfast Buffet- Breakfast served in the clubhouse dining area	
10:00 – 10:30	Welcome & Player Briefing	
10:45 – 11:00	Departure to Tee Boxes	
	On-Course Session: Tournament Play	
11:00	Official Shotgun Start. A siren or horn signals the simultaneous start of the tournament across all assigned holes.	IMVELO SAFARI LODGE Non-Golfing Activities for Delegates (R895pp): • Quad Biking • Archery • Paint Ball • Game Drive <i>Cost Includes two activities of your choice + lunch.</i>
11:00 – 13:30	First Nine Holes.	



14:00 – 14:30	Halfway House Refreshments		
14:00 – 15:30	Second, Nine Holes		
	Afternoon Session: Tournament Completion		
14:30 – 16:00	Scorecard Submission & Results Verification		
16:30 onwards	Player Refreshments & Preparation		
DAY 2-WEDNESDAY 14 OCTOBER 2026			
08:00 -08:30	Arrival & Registration		
08:30 - 08:45	Opening and purpose of the day - Mr Roy Cumberledge		
08:45 - 09:00	Welcoming remarks - CUT DVC Teaching and Learning - Prof Mogomme Masoga		
Time	Main Room – Sable Main Hall		
09:00 -10:00	MASTERCLASS 1	Financial Wealth & Planning	Presenter: PPS Investment, Mr Nzimamde & Mr Larkins
10: 00 -11:00	MASTERCLASS 2	AI in the daily life of a QS	Presenter: Building Smart Singapore, Dr Seah
11:00 -11:30	TEA BREAK		
11:30 -12:30	MASTERCLASS 3	From Infrastructure concepts to bankable, investment ready projects	Presenter: Infrastructure South Africa (ISA) Mr Ndlovu
12:30 – 13:30	MASTERCLASS 4	Unsolicited Bids for Professional Services	Presenter: Mr Arthur Quphe (SACQSP President)
13:30-14:30		Lunch	
IMVELO SAFARI LODGE			
Non Golfing Activities for Delegates (R895pp):			
• Quad Biking • Archery • Paint Ball			



BLOEMFONTEIN | SOUTH AFRICA | 14-16 OCTOBER 2026
IMVELO SAFARI | T104 | N6 | REDDERSBURG

- Game Drive

Cost Includes two activities of your choice + lunch.

18:00 -21:00	BOMA SESSION & NETWORKING A SAFARI EXPERIENCE HOSTED BY IMVELO SAFARI LODGE
DAY 3 -THURSDAY 15 OCTOBER 2026	
07:30 – 08:00	Registration and Tea/Coffee
	PROGRAMME DIRECTOR: Prof Thabiso Monyane & Mr Tumisang Matsapola
08:15 - 08:30	Welcome and Housekeeping Matters – Conference Organising Committee (COC) - Ms Alice Moeti (Chairperson)
08:30 -08:40	Welcome Address to the President – Mr Mfizeko Gwazube (Registrar)
08:40 - 09:00	Official Conference Opening by - Mr Arthur Quphe (SACQSP President)
09:00- 09:20	Conference Opening by Central University of Technology (CUT) - Prof Wendy Setlalentoa (Acting DVC- RIE)
09:20 -09:55	Opening Keynote Address - MaQueen Joyce Letsoha-Mathae (Premier of Free State)
09:55 -10:10	Q & A and announcements Session
10:10 -10:40	Keynote Speaker : Prof Bonang Mohale (Economics)
10:45 -11:15	TEA/COFFEE

Scheduling principle: Each paper takes 15 minutes.

THURSDAY 15 OCTOBER 2026 – SESSION 1: PARALLEL BREAKAWAY PAPERS



Time	Main Room – Sable Main Room	Breakaway Room 1 – Showroom	Breakaway Room 2 – Marquee 2	Breakaway Room 3 – Sandstone	Breakaway Room 4 – Ebumnandini
	Theme: AI-Driven Cost Management and Predictive Analytics	Theme: Climate-Resilient and Sustainable Procurement of Infrastructure and Housing	Theme: Social Impact, Inclusive Development, and Community Value	Theme: Digital Transformation and the Future Skills of the Quantity Surveyor	Theme: Ethics, Governance, and Responsible Innovation in the Built Environment
Session Chairs	Chair: Dr O Akinrandewo	Chair: Dr S Mngomezulu	Chair: Ms M Makofane	Dr S Dywili	Chair: Dr A Sadiki
11:30–11:45	Paper Nr 6 AI-Driven Cost Management: Quantitative Insights and Strategic Benefits for South African Megaprojects Moore <i>Montsha; Khululekani Ntakana</i>	Paper Nr 11 Infrastructure funding challenges for sustainable project delivery: Quantity Surveying perspective <i>Shiluba Makhubela; Roy Cumberlege</i>	Paper Nr 130 The Impact of Mental Health Problems on project time in high-risk construction projects in South Africa's energy sector <i>Tiyani Nkuna; Dr Koech Cheruiyot</i>	Paper Nr 80 Evaluating Community-Based Stakeholder Engagement for Benefits Realisation and Delay Reduction in Grant-Funded Construction Projects <i>Themba Tshabalala; Tsholofelo Skhosana</i>	Paper Nr 13 Business Model Evolution in South African Large Construction Contracting Firms: A Transaction Cost Economics Analysis <i>Martin Lekarapa; David Root</i>
11:45–12:00	Paper Nr 43 A case-based reasoning approach to early-stage cost estimation using k-nearest neighbour <i>Inge Pieterse</i>	Paper Nr 31 The role of quantity surveying in advancing carbon-efficient buildings under carbon tax policy <i>Rouzkja Rogers</i>	Paper Nr 22 Repositioning Housing Delivery Beyond Shelter: Assessing the Developmental Value of the Integrated Residential Development	Paper Nr 3 Digital barriers and professional capability: How digitalisation constraints suppress knowledge management effectiveness among	Paper Nr 37 Influences of client recognition schemes on contractor performance in the South African construction industry <i>Ornella Tambwe;</i>

			Programme in South Africa Kwena Maphoto; Matthew Ikuabe; Clinton Aigbavboa	quantity surveyors in Nigeria Diekolola Abiola-Ogedengbe; Molusiwa Stephan Ramabodu; Nathaniel Ayinde Olatunde; Imoleayo Abraham Awodele; Bankole A. Daudu	Clinton Aigbavboa; Sabelo Mbatha
12:00-12:15	Paper Nr 63 Assessing the Integration of Explainable Artificial Intelligence in Construction Cost Estimation Models Hope Lydia Masinge; Rudzani Glen Muthelo; Molebogeng Makofane; Bogolo Ntombela	Paper Nr 56 Advancing Built Environment Sustainability in South Africa through Nature-based Solutions Bellinah Ngwenya; Gloria Awnyetemy Akanyawie; Douglas Aghimien; John Aliu; Clinton Aigbavboa	Paper Nr 142 From Temporary Shelter to Permanent Settlement: Rethinking Emergency Housing Delivery in South Africa Tinashe Dube	Paper Nr 5 Automated Quantification Powered by BIM: Transforming the Quantity Surveyor's Function from Measurer to Strategic Advisor Siyabonga Mchunu	Paper Nr 44 Regulatory Silence and Responsible Governance: Artificial Intelligence, Accountability Gaps, and the Urgency of Institutional Reform in South African Quantity Surveying Practice Henry Kwidini; Gilbert Zvaita
12:15-12:30	Paper Nr 64 Why AI-Driven Construction Cost Estimation Falls Short in BIM and Digital Twin Environments? Hope Lydia Masinge, Rudzani Glen Muthelo,	Paper Nr 68 The Evolving Role of Quantity Surveyors in Net-Zero Construction: A Critical Review and Research Agenda for Sustainable Built	Paper Nr 51 Perceived value of professional registration in the South African built environment: Conceptualising value, opportunities, constraints, and future	Paper Nr 10 From Cost Controller to Strategic Value Partner: Reimagining the Quantity Surveyor in AI-Driven, Climate-Constrained Infrastructure Delivery Khaka Nonyongo	Paper Nr 16 Effective leadership characteristics for achieving project success in a diverse and inclusive construction industry in the Western Cape Province, SA

	Molebogeng Makofane and Bogolo Ntombela	Environment Development Miranda Baloyi, Rouzjka Rogers, Douw Boshoff	research directions Nkosentsha Ndebele; Pride Ndlovu		Athenkosi Sogaxa; Babalwa Damba; Rotondwa Nemakhavhani; Andani Sadiki
12:30-12:45	Paper Nr 122 Predicting Construction Cost and Building-Plan Volatility in South Africa: A Predictive-Analytics Perspective for Quantity Surveying Edmund Mallinguh; Timothy Ayodele; Partson Paradza; Marius Muller; Sibongile Zwane	Paper Nr 89 The Role of Quantity Surveyors in Providing Guidance to Sustainable Construction Practices in South Africa Zodwa Nsibanyoni David Root, Lungie Maseko	Paper Nr 96 The social housing sustainability conundrum in the Global South: A synergetic review of community-government approaches to housing longevity and adaptability Mikaeel Kombe, Nolwazi Qumbisa, Rotondwa Nemakhavhani	Paper Nr 21 Digital Transformation and Circularity in South Africa's Built Environment: Assessing BIM and Circular Economy integration for Sustainable Infrastructure Delivery Amanda Nxumalo; Clinton Aigbavboa; Samuel Adekunle	Paper Nr 73 A Conceptual Framework for Exploring AI Use in the Quantity Surveying Profession: The 'What is' of Future Measurement Practice in South Africa? Lisa Azong and Malcolm Weaich
12:45-13:00	Paper Nr 49 Balancing Artificial Intelligence and Environmental Sustainability in Construction Cost Estimation: Perspectives of South African Quantity Surveyors	Paper Nr 123 Perceived benefits of sustainable construction from the quantity surveyors' viewpoint Thabo Khafiso; Molusiwa Ramabodu; Morena Nkomo; Scelo Mhlongo	Paper Nr 133 Strategies for Enhancing Emerging Property Developer Participation in Affordable Housing Delivery in Polokwane Municipality Voninga Sono; Roy Cumberlege	Paper Nr 28 Assessing the impact of digital technologies on carbon neutrality in the South African construction industry Neliswa Mncube Douglas Aghimien Clinton Aigbavboa	Paper Nr 163 Towards Human-Centric Governance in Construction 5.0: A Systematic Review of Ethical, Accountability and Procurement Challenges in the South African Built Environment

	<i>Nishani Harinarain Onke Qashilanga</i>				<i>Hlengiwe Mbalenhle Ngubane, Majahamhle Nene Mthethwa, Neliswa Zekhethelo Mncube and Imoleayo Abraham Awodele</i>
13:00–13:15	Paper Nr 50 Beyond Adoption: The Role of Quantity Surveyors in Enhancing AI-Assisted Cost Estimating for Sustainable Construction Outcomes <i>Nishani Harinarain</i>	Paper Nr 99 Evaluating the Application of Circular Economy Principles in Commercial Brownfield Regeneration in Bloemfontein, South Africa: A Scoping Review <i>Tsoanelo Ntiea, Khomotho Nester Mokhojane and Rotondwa Benevolence Nemakhavhani</i>	Paper Nr 9 Towards a Green and Climate-Resilient Healthcare Facility Infrastructure Delivery Success Criteria Framework for South Africa <i>Katleho Nolwandle Mafongosi; Bankole Osita Awuzie; Clinton Ohis Aigbavboa</i>	Paper Nr 39 Examining the capacity of contractors for effective implementation of ESG compliance factors <i>Jenin Joy Goagoses; Tirivavi Moyo; Nishani Harinarain</i>	Paper Nr 165 AI-Generated Podcasting in Construction and Engineering Education in South Africa <i>Opeoluwa Akinradewo and Douglas Aghimien</i>
13:20 – 14:20	LUNCH				

Movement: 5 minutes immediately after each presentation



THURSDAY 15 OCTOBER 2026 – SESSION 2: PARALLEL BREAKAWAY PAPERS

14:20–14:50	Keynote Speaker Ms Tshidi Mndzebele (Entrepreneurship)				
14:50–15:20	Panel discussion 1- <i>Beyond Infrastructure: Can the Built Environment Drive South Africa's Next Wave of Economic Growth and Entrepreneurship?</i> Moderated by: Mr. Newtown Baloyi Panelists - ASAQS: Dr Miranda Baloyi - Mr. Pieter Greyling - Quantum Built - Mr Siyasanga Mlandu - Mr. Nana Kyei-Baffour				
Time	Main Room – Sable Main Room	Breakaway Room 1 – Showroom	Breakaway Room 2 – Marquee 2	Breakaway Room 3 – Sandstone	Breakaway Room 4 - Ebumnandini
	Theme: AI-Driven Cost Management and Predictive Analytics	Theme: Climate-Resilient and Sustainable Procurement of Infrastructure and Housing	Theme: Social Impact, Inclusive Development, and Community Value	Theme: Digital Transformation and the Future Skills of the Quantity Surveyor	Theme: Ethics, Governance, and Responsible Innovation in the Built Environment
Session Chairs	Chair: Dr M Liphadzi	Chair: Mr A Sogaxa	Chair: Dr S Zwane	Chair: Dr Morena Nkomo	Chair: Dr Inge Pieterse
15:25–15:40	Paper Nr 116 An Assessment of the Adoption of Big Data in the South African Construction Industry	Paper Nr 105 Assessing the Drivers of Imported Building Materials Utilisation in the Construction of	Paper Nr 143 Barriers of entrepreneurial orientation Tsepo Innocent Moloi	Paper Nr 41 The Performance Evaluation of BIM-based Public Construction Projects in Malawi	Paper Nr 145 The virtual construction site visit - first-year students' experiences Hoffie Cruywagen

	Rebone Mabiletja, Opeoluwa Akinradewo and Clinton Aigbavboa	Public Projects in South Africa Manthata Thapelo Machaka, Kofi Owusu Adjei and Murendeni Liphadzi		Pelumi Adetoro; Clinton Aigbavboa; Melusi Ndwandwe; Adeola Adekoya	
15:40-15:55	Paper Nr 135 Digital Tools as Catalysts for the Internationalisation of South African Quantity Surveying Firms: A Systematic Literature Review Pride Ndlovu; Nomthetho Poswa; Faranani Gethe	Paper Nr 118 Reimagining Sustainable Construction in South Africa: A Comparative Assessment of Labour-Intensive and Mechanised Construction Practices for Climate-Resilient Project Delivery Onalenna Magomo; Nolwazi Qumbisa	Paper Nr 152 Impact of communication in Stakeholder Management in Projects: Evidence form the from the South African Construction Industry Takalani Sigama, Clinton Aigbavboa, Babatunde Fatai Ogunbayo and Murendeni Liphadzi	Paper Nr 53 A blockchain technology approach for enhancing sustainable material selection in the built environment Abubakari Malik; Love David; Clinton Aigbavboa; Adeola Adekoya	Paper Nr 153 Conceptualising Digital leadership for a blended workforce in the construction Industry Fortune Aigbe and Clinton Aigbavboa
15:55-16:10	Paper Nr 136 Drivers for the Adoption of Digital Technologies among the Built Environment Professionals (BEPs) in the Eastern Cape Siyabulela Dywili		Paper Nr 155 More than a qualification: Evaluating the perceived benefits of construction learnership programmes in South Africa Andisiwe Dumako, Olusegun Oguntona and Clinton Aigbavboa	Paper Nr 54 Bridging the Sustainability Gap: Significance of Sustainable Construction Competencies for Namibian Quantity Surveyors	Paper Nr 162 Investment Feasibility of an EDGE-Based Retrofit Proposal for Wits Sunnyside Residence: A Techno-Economic Appraisal Danielle Van Der Poel; Bohlale Ramonyane Marius Muller



BLOEMFONTEIN | SOUTH AFRICA | 14-16 OCTOBER 2026
IMVELO SAFARI | T104 | N6 | REDDERSBURG

				<i>Moses Shitataala, Tirivavi Moyo; Roy Cumberlege</i>	
16:10 –16:25	Paper Nr 85 A Conceptual Framework for Machine Learning Early Cost Estimation for Future South African Quantity Surveying Praxis: What is Needed, Are We There Yet, and How Do We Get There? <i>Simnikiwe Ngange, Takalani Nembanzheni, Precious Tekete, Sibongile Zwane and Malcolm Weaich</i>				Paper Nr 74 Sustainable Incentive- Alignment Theory and the Policy–Investment Gap in South Africa’s Built Environment <i>Malcolm Weaich</i>
16:25 -16:30	RECAP OF THE DAY				
18:00 -22:30	GALA DINNER				



DAY 4 - FRIDAY 16 OCTOBER 2026

07:30 - 08:00	Registration and Tea/Coffee				
08:00 -08:30	Programme Director:		SACQSP Deputy President - Dr Josephine Llale		
08:30- 08:55	Opening & Welcoming		Dean of FEBIT – Prof Muthoni Masinde		
09:00 -09:45	Keynote Speaker: Dr Roze Philips - Futurist				
09:50 -10:20	TEA/COFFEE				
10:20 -10:50	Keynote Speaker 4: Mr Kofi Obeng – Sustainability				
Time	Main Room – Sable Main Room	Breakaway Room 1 – Showroom	Breakaway Room 2 – Marquee 2	Breakaway Room 3 – Sandstone	Breakaway Room 4 - Ebumnandini
	Theme: AI-Driven Cost Management and Predictive Analytics	Theme: Climate- Resilient and Sustainable Procurement of Infrastructure and Housing	Theme: Social Impact, Inclusive Development, and Community Value	Theme: Digital Transformation and the Future Skills of the Quantity Surveyor	Theme: Ethics, Governance, and Responsible Innovation in the Built Environment
Session Chairs	Chair: Mr N Mokhojane	Chair: Dr Pride Ndlovu	Chair: Mr A Sogaxa	Chair: Dr L Maseko	Chair: Dr S Mngomezulu
10:55–11:10	Paper Nr 140 Building Information Modelling in architecture, engineering, and construction programmes in South Africa: A roadmap of adoption barriers	Paper Nr 150 Barriers and Drivers of Green Building Innovation in South Africa: A Bibliometric and Systematic Review <i>Chikezirim Okorafor</i>	Paper Nr 159 Known but not seen: Stakeholder awareness of construction learnership programmes in South Africa	Paper Nr 100 Future-Ready Digital Competencies in Construction Management and Quantity Surveying Curricula: A Systematic	Paper Nr 82 Drivers of Leapfrog Development in Akure, Nigeria: Evidence from a Cross-Sectional Survey <i>Adeola Adekoya; Clinton Aigbavboa Ayodeji Oke Ibrahim Egunleti</i>

	Andile Ntokozo Sangwen; Zakheeya Armoed		Andisiwe Dumako, Olusegun Oguntona and Clinton Aigbavboa	Review in a Construction 5.0 Context Kealeboga Morudu, Rotondwa Nemakhavani and Nolwazi Qumbisa	
11:10–11:25	Paper Nr 148 Mapping the Knowledge Landscape of Building Retrofitting for Decarbonisation: Implication to research industry practice and policy Chikezirim Okorafor	Paper Nr 156 Evidence on Renovation Timing, Shopping Centre Performance, and Capital Value from South African REITs Nosipho Moloi, Timothy Ayodele and Partson Paradza	Paper Nr 160 Causes and effects of skilled artisan shortages on contractor productivity during the construction production phase: A case study from the Western Cape, South Africa Sisa Mbeki	Paper Nr 102 Barriers to the Adoption of UAV Photogrammetry for Construction Site Production Monitoring: A Systematic Literature Review Kealeboga Morudu, Nhlanhla Nkuna, Wanda Odendaal and Cameron Ferreira	Paper Nr 119 Rethinking public housing delivery IN South Africa: Governance, client capability, and the role of implementing agents Tholwana Koaho; Matthew Ikuabe
11:25–11:40	Paper Nr 149 Mitigating Cost Overruns in Riverine Construction Projects: A Stakeholder Theory Perspective Chikezirim Okorafor	Paper Nr 144 Conceptual Convergence between Lean Construction and Quantity Surveying: Revealing the Quantity Surveyor's Role in Project Value Optimisation Elsie Mohlapamaswi and Tsholofelo Skhosana	Paper Nr 81 Densifying Low-Income Housing: Lifecycle Cost, Procurement Governance and Social Value in Nelson Mandela Bay Sibongangani Mngomezulu	Paper Nr 2 Lost below ground: Digitalising geophysical site investigation data as a knowledge management priority in Nigerian construction Diekolola Abiola-Ogedengbe, Molusiwa Stephan Ramabodu, Nathaniel Ayinde Olatunde, Imoleayo	Paper Nr 60 Employers' Narratives of Entry-level Quantity Surveyors' Work Readiness in South African Quantity Surveying Consultancies Phiwokuhle Poyo Gerrit Crafford

				<i>Abraham Awodele and Peter O. Olanrewaju.</i>	
11:40 -11:55	Paper Nr 138 Evaluation of the Evolving Quantity Surveying Client Services in the Life Cycle of Mining Capital Projects <i>Binaica Dalpat</i>	Paper Nr 151 Digital Twin Technology in Construction and Infrastructure: A Systematic Review of Applications, Adoption Challenges and Research Directions <i>Opeoluwa Akinradewo</i>	Paper Nr 157 Exploring the Drivers of Stakeholder Management in the South African Construction Industry <i>Takalani Sigama, Clinton Aigbavboa and Fortune Aigbe</i>	Paper Nr 58 Promoting Digital Technology Adoption among Built Environment Professionals in the Eastern Cape Province <i>Siyabulela Dywili</i>	Paper Nr 120 Project management maturity as a predictor of public infrastructure procurement performance: A review of the South African evidence <i>Tholwana Koaho; Matthew Ikuabe</i>
11:55 -12:10	Paper Nr 111 Evaluating the Effectiveness of Digital Technologies in Addressing Contractual Claims Management Challenges in South Africa: A Phenomenological Mixed Methods Study <i>Matifadza Foyo; Nester Mokhojane; Bankole Awuzie</i>	Paper Nr 72 A Conceptual Framework for Managing Early Contractor Involvement in Low Income Housing in South Africa. <i>Fezile Dunge, Malose Madubanya, Palesa Mogotsi, Prisca Simbanegavi and Malcolm Weaich</i>	Paper Nr 69 Outsourcing as a Driver of Digital Transformation in the South African Construction Industry <i>Mayowa Ogungbe; Matthew Ikuabe; Ganiu Aregbesola; Toluwanimi Ogunade; Ayodeji Oke; Clinton Aigbavboa</i>	Paper Nr 95 The Curriculum Is No Longer the Curriculum: Generative AI Use and Quantitative Competency Development in Built- Environment Postgraduate Education <i>Kalasipa Moenyane; Nosipho Moloi</i>	Paper Nr 141 Empowering Emerging Contractors in the Free State against High Project Failure Rates <i>Thabo Mthembu, Liezl Le Roux and Opeoluwa Akinradewo</i>



BLOEMFONTEIN | SOUTH AFRICA | 14-16 OCTOBER 2026
IMVELO SAFARI | T104 | N6 | REDDERSBURG

MEET OUR SPONSORS

