

# 2025

3RD EDITION

## CONSTRUCTION BUSINESS & PROJECT MANAGEMENT CONFERENCE



23 - 25 APRIL 2025



UCT GRADUATE SCHOOL OF  
BUSINESS, CONFERENCE CENTRE,  
CAPE TOWN, SOUTH AFRICA

# ABOUT THE CONFERENCE

In the rapidly evolving landscape of construction business and project management, there is an urgent need for a coordinated, multidisciplinary approach that unites stakeholders from academia, industry, and government. This is particularly relevant in Africa and other developing regions, where the construction industry faces unique challenges and opportunities that will shape its future trajectory. Through fostering collaboration, driving innovation, and promoting the exchange of insights, the Construction Business and Project Management Conference (CBPM) serves as a platform to advance sustainable development and transformative practices in the sector.

The 3rd Annual Construction Business and Project Management Conference (CBPM 2025) will take place from **April 23–25, 2025**, at the University of Cape Town Graduate School of Business in Cape Town, South Africa. Under the theme “**Advancing Multidisciplinary Approaches for Sustainable Construction and Project Management**,” this conference will explore critical topics and strategies to address pressing issues in construction, including sustainability, policy reforms, technological integration, and capacity building.

CBPM 2025 aims to bring together leading scholars, industry practitioners, policymakers, and students to exchange knowledge, showcase cutting-edge research, and develop actionable solutions to advance the construction industry. The event is designed to foster dialogue, highlight best practices, and create opportunities for meaningful collaboration that will leave a lasting impact on the sector.

The three-day conference program is structured as follows:

- **Day 1:** A workshop focusing on knowledge generation and capacity building, with a special emphasis on the implementation and implications of the New Procurement Act.
- **Day 2 and Day 3:** **Deputy Minister Sihle Zikalala** will deliver the keynote address, followed by presentations by other guest speakers. Engaging plenary sessions will centre around the conference theme and sub-themes, providing a platform for in-depth discussions and idea exchange.

We are excited to welcome you to CBPM 2025, where together, we will shape the future of sustainable construction and project management. Join us in Cape Town for an inspiring and transformative experience.





## **Deputy Minister Sihle Zikalala**

**Department of Public Works and Infrastructure, South Africa**



**public works  
& infrastructure**

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Department:  
Public Works and Infrastructure  
**REPUBLIC OF SOUTH AFRICA**



**Mr. Bongani Dladla**  
CEO of CIDB South Africa





## CONFERENCE ORGANISING COMMITTEE

**Professor Abimbola Windapo**

**University of Cape Town, South Africa**

**Professor Ayodeji Aiyetan**

**Durban University of Technology, South Africa**

**Professor Justus Ngala Agumba**

**Tshwane University of Technology, South Africa**

**Professor Modupe Mewomo**

**Durban University of Technology, South Africa**

**Dr. Nnedinma Umeokafor**

**University of Greenwich, UK**

**Dr. Chikezirim Okorafor**

**Durban University of Technology, South Africa**

**Dr. Iruka Chijindu Anugwo**

**Durban University of Technology, South Africa**

**Dr. Kehinde Alade**

**University of Cape Town, South Africa**

**Dr. Amanda Filtane**

**University of Cape Town, South Africa**

**Mr Darmarajan Chinasamy**

**University of Cape Town, South Africa**

## CONFERENCE PROGRAM DIRECTOR

**Mr Mochelo Lefoka**

**University of Cape Town, South Africa**

## CONFERENCE SPONSOR



At the very core of South Africa's construction realm lies the esteemed Construction Industry Development Board (cidb) — a distinguished Schedule 3A public entity birthed from Act 38 of 2000, entrusted with the noble mission to lead, uplift, and transform the construction landscape for the enrichment of all South Africans.

The cidb endeavors to:

- ✓ Foster uniformity in construction procurement
- ✓ Propel efficient and effective infrastructure delivery
- ✓ Elevate industry performance
- ✓ Advocate for transformation and skills development

As a vital agency of the Department of Public Works and Infrastructure (DPWI), the cidb ardently aspires to forge a construction industry that is inclusive, competitive, and poised to meet the aspirations of a flourishing nation.

Discover more at: [www.cidb.org.za](http://www.cidb.org.za)

# CONFERENCE PRESENTERS AND PANELISTS



**Mr. Lufuno Ratsiku**

**President of SACPCMP**

**Session 1 Panel Chair:** The New Public Procurement Act

Mr. Lufuno Ratsiku is the current President of the South African Council for the Project and Construction Management Professions (SACPCMP), a key professional regulatory body within the Built Environment established in terms of the Legislation of Parliament, Act No 48 of 2000. His role ensures compliance and enhancement of the standards of project and construction management practices across South Africa with international agreements across the Built Environment Global Landscape. Mr. Ratsiku is a Built-Environment and Governance Professional, currently holding multiple influential positions in the industry. As the Founder and Managing Director of Genuine Tenacity Consulting, he leads a prominent company specializing in Quantity Surveying and Construction Project Management Services, where his leadership drives innovative solutions within the built environment.

Lufuno served as a Non- Executive Director of Johannesburg City Power and his term ended in August 2024 where he contributed towards the development of a smart utility strategy. He is a former Board Member of the Eskom Pension and Provident Funds (EPPF) where he was a Chairperson of the Human Resources and Remunerations Committee, safeguarding the interests of the fund and its members in terms of Regulations 28 of the pensions' funds Act. Lufuno is a Tribunal Member and Employer Assessor of the Compensation Fund, appointed by the Minister of Employment and Labour in terms of the COIDA Act No 130 of 1993. He currently serves as an Advisory Board Member of the Big 5 Global Leaders' summit based in the United Arab Emirates, Dubai. Additionally, he enriches the academic community as a researcher at the Centre for Applied Research and Innovation in the Built Environment (CARINBE) within the University of Johannesburg.



**Mr. Theunis Van Zyl**

**Founding Director: Van Zyl & Associates**

**Session 3:** Real-life challenge of the constraints and stalemates imposed by Public Procurement in the context of our standard forms of contract

Theunis van Zyl is the Managing Director of VAN ZYL & ASSOCIATES and has 35 years of experience in the construction and consulting industry as Project Manager. Over the past 15 years, he has specialized in building, engineering, and construction claims as well as dispute resolution, serving as a consultant, Arbitrator, Mediator and Adjudicator. Theunis currently serves as the Chairman of the SAICE ADR Panel, an Exco Member of the MBAWC and an accredited Adjudicator, Arbitrator and Mediator on various panels to preside over contractual disputes under the GCC, FIDIC, NEC, GCC and MBA forms of construction agreements.



**Mr. Jaco De la Rey**

**Director – Claims and Consulting, HKA Global**

**Guest Speaker:** Poorly Presented or Supported Construction Claims: Lack of Skill or Deliberate Strategy?

Jaco de la Rey is a Director in HKA's Claims, Consulting and Expert Services, based in Cape Town, South Africa. With over 17 years of specialised experience in the construction and engineering sectors, Jaco is a recognised authority in contract law, dispute resolution, and claims advisory services across Africa.

He holds a Master of Laws (LLM) in Construction Law and Arbitration, is a Member of the Chartered Institute of Arbitrators (MCIArb), and is a qualified Arbitrator and Adjudicator. Jaco serves as Co-Chair of the RICS Diploma in Adjudication (South Africa) and is a sought-after speaker at regional industry conferences and professional events. He also contributes to academic development as a Senior Visiting Lecturer at the University of Pretoria's Department of Construction Economics, where he teaches postgraduate modules in Dispute Resolution, Contract Law, and Standard-Form Contracts.

In his leadership role at HKA, Jaco oversees multi-disciplinary teams of quantum, delay, and contract specialists on major infrastructure and energy projects governed by FIDIC, NEC, and other standard-form contracts. He provides strategic advice to clients on complex claims, counterclaims, contract management, and commercial dispute matters. Having participated in over 230 dispute adjudications, Jaco brings deep insight into the interconnected legal, technical, and commercial dimensions of construction disputes.

# CONFERENCE PRESENTERS AND PANELISTS



**Professor Ayyoob Sharifi**  
Hiroshima University, Japan

**Presentation 3:** Measures and Strategies for Climate Change Adaptation and Mitigation in Urban Areas

Ayyoob Sharifi is a Professor at Hiroshima University specializing in urbanism and climate change mitigation and adaptation. He contributes to global programs like Future Earth and served as a lead author for the IPCC Sixth Assessment Report. His research focuses on developing sustainable, peaceful, and resilient communities through climate-smart urban planning.



**Professor Celestine Iwendi**  
University of Bolton, United Kingdom

**Presentation 4:** Shaping the Future of Higher Education through Adaptive Learning and AI

Celestine is an IEEE Brand Ambassador, Professor of AI, and Head of the Centre of Intelligence of Things at the University of Bolton. Recognized among Elsevier's World's Top 2% Scientists, he specializes in AI, IoT, and sustainable development, with research spanning 13 UN SDGs. A Fellow and Senior IEEE Member, he has received accolades from the Royal Academy of Engineering and serves as Chair of the IEEE Computer Society Election Committee for 2024.



**Mr. Silas Makalichi**  
Navi Professional Consulting Director

**Session 1 :** The New Public Procurement Act

Silas Makalichi is a seasoned Civil Engineer and strategic business leader, holding a BSc Honours in Civil Engineering (University of Zimbabwe), an MSc in Project Management (University of Cape Town), and an MBA (Mancosa). A registered PrTech Eng with ECSA, he currently serves as Director at Navi Professional Consulting, where he leads in project management, business development, and innovation. Passionate about community development and youth empowerment, Silas is committed to mentoring the next generation of professionals. His strengths include strategic thinking, results-driven leadership, and a deep commitment to entrepreneurship and skills development.



**Mr. Fabio Companie**  
City of Cape Town

**Session 1 Panelist:** The New Public Procurement Act

Fabio Companie is a passionate and dedicated construction project management professional, focused on urban infrastructure and project business. He emphasizes sustainability, efficiency, and community well-being in his work, aiming to enhance the quality of life through urban development. He identifies as a "Multi-Generational Affordability Preacher," underscoring his commitment to making urban infrastructure accessible and sustainable.



**Dr. Amanda Filtane**  
University of Cape Town

**Session 1 Panelist:** The New Public Procurement Act

Dr. Filtane serves as a Lecturer in Construction Management at the University of Cape Town (UCT), where she teaches courses in construction management, integrated management, and project management for non-specialists. Her expertise encompasses productivity management, planning for production, and the integration of construction technologies, including virtual and digital construction methodologies



# CONFERENCE PRESENTERS AND PANELISTS



**Professor Justus Ngala Agumba**  
Tshwane University of Technology

**Session 2:** Legislative process and stakeholder engagement

Professor Justus Ngala Agumba is an Associate Professor at Tshwane University of Technology (TUT) in South Africa, specializing in construction project management. He holds a PhD in Engineering Management and is a registered Professional Construction Manager. His research focuses on health and safety, infrastructure delivery, and productivity in the construction industry. He has authored over 100 publications and collaborates with various institutions on projects involving AI in construction and gender equity in the industry. He is an active member of several professional bodies and engages closely with both academia and industry.



**Dr. Yog Upadhyay**  
Liverpool John Moore University

**Session 3 Panelist:** Real-life challenge of the constraints and stalemates imposed by Public Procurement in the context of our standard forms of contract

Dr. Yog Upadhyay is a distinguished legal academic and practitioner, currently serving as a Senior Lecturer in Construction Law and Dispute Resolution at Liverpool John Moores University (LJMU), within the School of Civil Engineering and Built Environment. He brings nearly two decades of experience in UK higher education, complemented by practical expertise in arbitration and legal consultancy.



**Professor Modupe Cecilia Mewomo**  
Durban University of Technology

**Session 3 Panelist:** Real-life challenge of the constraints and stalemates imposed by Public Procurement in the context of our standard forms of contract

Prof. Modupe Cecilia Mewomo is a distinguished academic and professional in the field of construction management and quantity surveying, currently serving as a Senior Lecturer and Acting Head of the Department of Construction Management and Quantity Surveying at the Durban University of Technology (DUT) in South Africa.




**Mr. Xhoba Mbiyo**  
Bill Tolken Hendrikse

**Session 3 Panelist:** Real-life challenge of the constraints and stalemates imposed by Public Procurement in the context of our standard forms of contract

Mr. Xhoba Mbiyo is a distinguished South African attorney and conveyancer, currently serving as a Director at Bill Tolken Hendrikse Inc., a reputable law firm based in Bellville, Cape Town. Mr. Mbiyo earned his LLB degree from the University of the Western Cape. He is an admitted Attorney of the High Courts of South Africa and holds the qualification of an admitted Conveyancer.

# 23 APRIL 2025: WORKSHOP PROGRAMME - DAY 1

 UCT GRADUATE SCHOOL OF BUSINESS CONFERENCE CENTRE, CAPE TOWN, SOUTH AFRICA  
(South African Standard Time)

08:30 - 09:30

**Registration & Welcome**

**Prof Abimbola Windapo**  
University of Cape Town

09:30 - 10:00

**Guest Speaker:** Current Trends in Procurement Practices: The role of the government in ensuring a fair and equitable procurement system.

**Mr. Bongani Dladla**  
CEO of CIDB South Africa

10:00 - 10:30

**Session 1:** The New Public Procurement Act

**Mr. Silas Makalichi**  
Navi Professional Consulting Director

10:30 - 11:30

**Panel Discussion:** The New Public Procurement Act

**Panel Chair:**  
Mr. Lufuno Ratsiku  
President of SACPCMP

**Panel Discussants:**  
Mr. Fabio Companie - City of Cape Town  
Mrs. Jainthree Sankar - CPO Eskom  
Mr. Silas Makalichi - Navi Professional Consulting Director  
Dr. Amanda Filtane - University of Cape Town

**11:30 – 12:00 TEA BREAK**

12:00 - 13:00

**Session 2:** Legislative process and stakeholder engagement

**Interactive Discussion:** (Open floor for questions and clarifications)

**Prof. Justus Ngala Agumba**  
Tshwane University of Technology

**13:00 – 14:00 LUNCH & NETWORKING**

14:00 - 14:30

**Session 3:** Real-life challenge of the constraints and stalemates imposed by Public Procurement in the context of our standard forms of contract

**Mr. Theunis Van Zyl**  
Founding Director: Van Zyl & Associates

14:30 - 15:30

**Case Study:** Dispute resolution

**Panel Chair:** Mr. Theunis Van Zyl

**Panel Discussants:**  
Mr. Jaco De la Rey - HKA Director  
Prof. Modupe Mewomo - Durban University of Technology  
Dr. Yog Upadhyay - Liverpool John Moore University  
Mr. Xhoba Mbiyo - Bill Tolken Hendriske

15:30 - 16:00

**Closing Remarks**

**Prof Abimbola Windapo**  
University of Cape Town

**16:00 – 16:30 AFTERNOON TEA/COFFEE NETWORKING RECEPTION**



Construction Business and Project Management Conference, 23-25 April 2025  
 Venue: ONLINE, and UCT Graduate Business School, V&A Waterfront Cape Town  
 Theme: ADVANCING MULTIDISCIPLINARY APPROACHES FOR SUSTAINABLE CONSTRUCTION AND PROJECT MANAGEMENT

Day 2: Thursday, April 24th				
2025-04-24	08:30-09:00	Registration and Welcome (Prof. Abimbola Windapo)		
2025-04-24	09:00-09:30	Keynote Address : Deputy Minister Sihle Zikalala ( <i>Policy as a Catalyst: Government Strategies for Integrating Sustainability into Construction and Project Management in South Africa</i> )		
Session 1: Day 2: Session A				
2025-04-24	09:30-10:50	Innovative Use of Technology (Session Chair: Prof. Ayodeji Aiyetan)	Sustainable Design in the Construction Industry/Sustainable Material Production (Session Chair: Dr Senator Okosun)	
	09:30-09:50	38 Exploring the Advantages of Bim-Iot Integration in Enhancing Construction Health and Safety: <i>Mojtaba Amiri, Ehsan Saghatforoush and Samuel Laryea</i>	3	Leveraging on Sustainable Building Designs: Exploring the Drivers and Satisfaction of Smart Lighting in Student Housing in Ghana: <i>Iruka Chijiindu Anugwo, Williams Miller Appau, Elvis Attakora-Amaniampong and Frederick Simpeh</i>
	09:50-10:10	37 Key Drivers of Wearable Technology Usage for Worker Safety on Construction Sites in Nigeria: <i>David Ebiloma and Clinton Aigbavboa</i>	4	A Review of Model Building By-Laws for Incorporating Sustainable Construction Material Utilisation in Zimbabwe: <i>Cynthia Moyo, Tirivavi Moyo and Mable Vongai Mudombo</i>
	10:10-10:30	36 Strategies for Blockchain Technology Adoption in Facility Management Practices in Nigeria: <i>David Ebiloma</i>	27	Untapped Resources: Locally Available Building Materials in South-Western Nigeria: <i>Olugbenga Fashuyi and Amira Osman</i>
	10:30-10:50	47 A Scoping Review on the Role of 3D Printing in Construction: Revolutionizing Design and Reducing Waste: <i>Thalente Nkosi, Sibongile Dlamini and Ongezwa Nakin</i>	40	A Systematic Review on the use of Quarry Dust in South African Construction Industry: <i>Izuchukwu Nwokocha Clement, Chikezirim Okorafor and Darlington Ikegwuoha</i>
2025-04-24	10:50-11:10	Session: Tea Break		
Session 2: Day 2: Session B				
2025-04-24	11:10-13:10	Innovative use of technology (Session Chair: Dr. Iruka Anugwo)	Sustainable Construction/Net-Zero in Construction (Session Chair: Dr. Chikezirim Okorafor)	
	11:10-11:30	48 Digital Solutions for the Management of Wastewater Storage for the Mining Industry: <i>Leah Ledwaba and Makgopa F Tshella</i>	12	Promoting the Adoption of Sustainable Environmental Technologies in Ghana's Construction Sector: A Quantitative Study of Key Drivers: <i>Harold Adjarko, Iruka Anugwo and Ayodeji Aiyetan</i>
	11:30-11:50	58 Energy-Efficient Upgrades for Educational Buildings: A Roadmap to Carbon Neutrality: <i>Ayobami Idowu, Clinton Aigbavboa, Ayodeji Oke and Seyi Stephen</i>	11	Quantitative Assessment of Environmental Challenges Hindering Sustainability in the Ghanaian Construction Industry: Implications for Sustainable Development: <i>Harold Adjarko, Iruka Anugwo and Ayodeji Aiyetan</i>
	11:50-12:10	14 Port Efficiency: The Implication of Block Chain Technology in the Construction Material Supply Chain: <i>Adeola Oluwatoyin Osundiran and Tshella Makgopa</i>	55	Sustainable Construction Policy Constraints in Nigeria: Stakeholders Perspective: <i>Nishani Harinarain and Ayotunde Babalola</i>
	12:10-12:30	52 Appraisal of Building Information Modelling Implementation on Construction Project Performance in Nigeria: <i>Victoria Akinola</i>	35	Barriers to effective construction waste reduction: A study of contractors in the Eastern Cape Province, South Africa: <i>Nontlahla Mphako, Athenkosi Sogaxa and Lance Wentzel</i>
	12:30-12:50		15	Nature-Based Solutions and Materials Promoting Net-Zero Construction in South Africa: Trends and Insights from a Bibliometric Review: <i>Nana Akua Gyadu-Asiedu, Clinton Aigbavboa and Sevi Stephen</i>
2025-04-24	12:50-14:30	Session: Lunch Break		
Session 3: Day 2: Session C				
2025-04-24	14:30-16:30	Strategic Management and Leadership in construction (Session Chair: Prof. Justus Ngala Agumba)	Sustainability and Facility Management/SME (Session Chair: Prof. Modupe Mewomo)	
	14:30-14:50	16 Developing an Inclusive Leadership-Psychological Safety Relationship Framework to Foster Creative Performance in the Nigerian Built Environment: <i>Tosin Emmanuel Oladele, Modupe Cecilia Mewomo and Jacob Olumuyiwa Ikotun</i>	62	Readiness of Facilities Management Organisations for Bim Adoption in Facilities Management Functions: <i>Brent Cloete, Justus Ngala Agumba, Oluseyi Julius Adebowale and Chris Meyer</i>
	14:50-15:10	51 Unveiling the Key Drivers of Successful Operations Management in Construction Subcontracting: <i>Henok Hailu and Makgopa Tshella</i>	63	An Exploratory Evaluation of the Factors that Impact the Adoption of Innovative Sustainable Building Materials in Housing Construction Across Socio-Economic Contexts: <i>Kabemba Steve Ngoy, Esona Daweti, Relebohile Molise, Darmarajan Chinassamy and Abimbola Windapo</i>
	15:10-15:30	29 The Effectiveness of Supply Chain Management in Enhancing Project Management Outcomes: <i>Jey Difference Nyalungu</i>	66	Factors Influencing the Adoption of Sustainable Practices in Facility Management: <i>Chioma Okoro</i>
	15:30-15:50	56 Adapting Marketing Strategies in a Post-Pandemic Digital Landscape: Insights from Project Managers: <i>Nishani Harinarain</i>	46	Growth Constraints of Domestic Construction Firms in Emerging Economies: <i>Henok Hailu and Makgopa Tshella</i>
	15:50-16:10	30 Barriers to the Adoption of Emerging Technologies for Quality Management in Construction Projects in Nigeria: <i>Innocent Chigozie Osuizugbo, Chikezirim Okorafor and Victor Olukayode Iyanda</i>		
	16:10-16:30	24 Smme Collaboration Dynamics in International Construction Joint Ventures in Harare, Zimbabwe: <i>Pride Ndlovu, Lionel Brute, Prisca Simbanegavi, Malcolm Weaich and Faranani Gethe</i>		
	16:30-17:00	Session: Tea Break		
End of Day 2				



Day 3 - Friday, April 25th				
2025-04-25	09:00-09:30	Address : Professor Ayyoob Sharifi ( <i>Measures and Strategies for Climate Change Adaptation and Mitigation in Urban Areas</i> )		
Session 4: Day 3: Session A				
2025-04-25	09:30-11:10	Construction Health and Safety (Session Chair: Prof. John Smallwood)	Construction Education/Women in Construction/ Mental Health and Wellbeing (Session Chair: Prof. Makgopa Tshehla)	
	09:30-09:50	10 Exploring Shame in Construction Health and Safety in South Africa: Professor Clinton Aigbavboa, John Aliu, Douglas Aghimien and Bankole Awuzie	21	Assessing the Barriers to Online Learning in Built Environment Programmes: Sakinah Abdulfatah, Hassan Adaviriku Ahmadu, Rilwan Shuaib Abdulrahman, Amina Sani Bashir and Muhammad Aliyu Yamusa
	09:50-10:10	17 Developing a Safety Competence Evaluation Framework for Artisans in the Nigerian Construction Industry: Mubarak Reme Ibrahim, Usman Sulaiman Jibril, and Mu'awiya Abubakar	6	Enhancing Gender Equality Policies for promoting women's participation in the Zimbabwean construction sector: Modesta Mupondi, Tirivavi Moyo and Cynthia Moyo
	10:10-10:30	18 Assessment of Factors Affecting Workers' Hazard Recognition in Construction: Mu'awiya Abubakar, Yahaya Makarfi Ibrahim, Kabiru Bala, Ahmed Doko Ibrahim and Muhammad Aliyu Yamusa	5	Initiatives for Physical Well-Being Improvement for Construction Workers in Zimbabwe: Cynthia Moyo, Tirivavi Moyo and Wedzerai Mateza
	10:30-10:50	61 Impact of Barriers to Implementing Health and Safety Practices for Construction Workers' Productivity in SMMEs: Nomaswazi Nyeleti Malumbete, Justus Ngala Agumba, Oluseyi Julius Adebowale and Nazeem Ansary	59	The Challenges to Women Progression in the Construction Industry: An Investigative Study: Abimbola Windapo, Olugbenga Oladimirin, Joao Alencastro, Dineo Mbekwa, Christiana Ekpo, Muhammad Rana and Amanda Filtane
	10:50-11:10	50 Why I registered for Construction Management: John Smallwood	30	Barriers to the Adoption of Emerging Technologies for Quality Management in Construction Projects in Nigeria: Innocent Chigozie Osuizugbo, Chikezirim Okorafor and Victor Olukayode Iyanda
2025-04-25	11:10-11:30	Session: Tea Break		
2025-04-25	11:30-12:00	Address : Professor Celestine Iwendi ( <i>Shaping the Future of Higher Education through Adaptive Learning and AI</i> )		
Session 5: Day 3: Session B				
2025-04-25	12:00-13:20	Infrastructure Development (Session Chair: Mr. Fabio Companie)	Procurement Innovation and Transformation (Session Chair: Dr. Steve Kabemba)	
	12:00-12:20	26 Institutional Challenges in the Delivery of Public School Infrastructure Grant in KwaZulu-Natal: Sibongile Dlamini and Thalente Nkosi	8	Client and Construction Machinery Related Factors Influencing the Selection of Contract Procurement Method in KwaZulu Natal Province in South Africa: Ayodeji Aiyetan and Blessing Ayodabo
	12:20-12:40	41 Investigating Underutilization of the Municipal Water Infrastructure Grant (Mwig) in Leekwa-Teemane Local Municipality (Ltlm): Faranani Gethe, Karabo Ramaleba, Sandiso Mgcodo and Thetshesani Makhuvha	32	An Appraisal of Procurement Challenges Facing Emerging Contractors in Public Sector Projects in South Africa: Bangani Sibabalo Edmond, Modupe Cecilia Mewomo, Cyril Chinonso Ejidike, Bondinuba K Francis and Collins Ameyaw
	12:40-13:00	54 Critical Review of the Challenges of Financing Renewable Energy Development in Sub-Saharan Africa: Sam Wamuziri	44	Evaluating the Current Tender Adjudication in the Western Cape Province, South Africa: Babalwa Damba, Xolani Nghona, Luvwiwe Bikitsha, Athenkosi Sogaxa and Senator Endurance Okosun
	13:00-13:20	64 Navigating Formal Land Acquisition Channels for Construction Projects in Lagos: Issues and Challenges: Daramola Olapade, Justus Ngala Agumba and Rudzani Glen Muthelo	31	Predictive Analytics and Stochastic Programming for Construction Resource Optimization in Developing African Economies: Frederic Mirindi and Derrick Mirindi
2025-04-25	13:20-14:00	Session: Lunch Break		
2025-04-25	14:00-14:30	Guest Speaker: Mr Jaco De la Rey ( <i>Poorly Presented or Supported Construction Claims: Lack of Skill or Deliberate Strategy?</i> )		
Session 6: Day 3: Session C				
2025-04-25	14:30-16:30	Contract Management/ Costing and Scheduling in the Construction Industry (Session Chair: Prof. Molusiwa Stephan Ramabodu)	Artificial Intelligence in Construction and Project Management/Construction-related Disaster Management/Productivity (Session Chair: Dr. Amanda Filtane)	
	14:30-14:50	23 A Conceptual Framework for Managing Employer's Claims in Mega Construction Projects: Makgopa Tshehla	9	Exploring Integration of Artificial Intelligence in Construction Bid Automation: Oscar Kwame Kwasafu, Samuel Laryea and Neil Govender
	14:50-15:10	25 The Causes and Impact of Late Payments in the Construction Industry: Ayabulela Bongco and John Smallwood	33	Digital Transformation of Construction and Project Management through Artificial Intelligence: Aju Omojokun Gabriel and Mokgohloa Kgabo
	15:10-15:30	45 Effectiveness of Existing Insurance Frameworks in Addressing the Risks of Contractors: Samuel Sarpong Oppong, Cecelia Mewomo Modupe, Francis Bondinuba Kwesi, Anthony Nansie and Anthony Bangdome Dery	49	A Systematic Review of the Current State of Artificial Intelligence Adoption in South Africa's AEC Sector: Desiree Elizabeth Naidu and Dr Zakheeya Armoed and Prof Modupe Mewomo
	15:30-15:50	20 Developing a Cost Estimating Conceptual Framework that Leverages on Knowledge: Amina Sani Bashir, Baba Adama Kolo, Mustapha Abdulrazaq, Hassan Adaviriku Ahmadu and Amina Sani Bello	13	Bringing Change in Construction: Analysing Strategies for Managing Cybersecurity Disasters in the South African Construction Industry: Seyi Stephen, Clinton Aigbavboa, Jummai Bello and Ayodeji Oke
	15:50-16:10	43 Inflation and Quality Attributes in Construction Projects in Cities: An Empirical Analysis of the Federal Capital Territory (FCT) Abuja, Nigeria: Daniel Adamu, Senator Endurance Okosun, Athenkosi Sogaxa, Kelvin Omoufeba Okosun and Idoko Othoi	42	A Systematic Literature Review on Emergency Response Systems and their Impact on Infrastructure Resilience: Haruna Domanamwin Abudu, Cecilia Modupe Mewomo, Kofi Owusu Adjei and Francis Kwesi Bondinuba
	16:10-16:30	60 Disputes on Construction Projects: The Role of Procurement Methods and Payment Strategies: Abimbola Windapo and Muhammad Limalia	65	A Literature Review of Construction Labour Productivity: A 30-Year Global Perspective: R Suresh Kumar, Oluseyi Julius Adebowale, Justus Ngala Agumba and Loganathan Krishnaraj
			67	Assessment of the Perceived Impact of Flooding and Climate Change on Construction Projects in Nigeria: Okosun Senator Endurance, Olatunji Solomon Ayodeji, Zakka Solomon Dyachia, Ayo-Odifiri Oisasoje Solomon and Okosun Omoufeba Kelvin
2025-04-25	16:30-16:50	Closing and Presentation of Certificates		
2025-04-25	16:50-17:00	Session: Tea Break		
End of Day 3				

# CONFERENCE SCIENTIFIC COMMITTEE

Professor Yewande Adewunmi  
Professor Adewumi Babafemi  
Professor Francis K. Bondinuba  
Professor Fidelis Emuze  
Professor Chinyio, Ezekiel A.  
Professor Nishani Harinarain  
Professor L Krishnaraj  
Professor Ephraim Kabunda Munshifwa  
Professor Chibueze A. Ogbonna  
Professor Chioma Okoro  
Professor Ayman Othman  
Professor John Smallwood  
Professor Makgopa F Tshehla  
Professor James O. B. Rotimi  
Dr. Omowumi Adebayo  
Dr. Oluseyi Adebawale  
Dr. Abdul Adediran  
Dr. Tinoapei Dhlwayo  
Dr. Ringisai Dhlwayo  
Dr. Daniel Emmanuel  
Dr. Steve Kabemba  
Dr Lindelani Matshidze  
Dr. Rudzani Glen Muthelo  
Dr. Morena Nkomo  
Dr Momoh Oboirien  
Dr. Oshodi Olalekan  
Dr. Senator Endurance Okosun  
Mr. Johnson Adetooto  
Mr. Fabio Companie  
Mr. Mochelo Lefoka  
Mr. Johnbosco Mulwana

University of the Witwatersrand, South Africa  
Stellenbosch University, South Africa  
Kumasi Technical University, Ghana  
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