

#YPImbizo 2019 Distinguished Speakers

Dikeledi Maboja is a civil engineer employed by Royal HaskoningDHV (RHDHV) within the Water business line. She studied towards a B.ENG in civil engineering at the University of Johannesburg and has recently completed her M.ENG degree in Engineering Management at the same institution. She is a young leader passionate about education and youth empowerment. She has played leadership roles as; International representative for the Young RHDHV, chairperson of the UJ Civils (a SAICE student chapter) for two consecutive years at the University of Johannesburg and recently as the Deputy-Chairperson of the CESA Young Professionals Forum Gauteng South Branch.



After completing a Project design and Draughting Diploma in 2007 Amanda joined Transnet Projects as a Junior Draughtsperson. Whilst working she has studied for a National Diploma in Civil Engineering through the University of South Africa (UNISA). Amanda is now employed at Mott MacDonald in the Transport Division. Over the years she has gained design experience in earthworks, sewer, water, roads and civils. She has knowledge in the provision of services to urban township developments and further experience in Construction Monitoring as the Lenders Technical Advisor. She has been an active member of the CESA Young Professionals Forum (YPF) since 2008 serving on the KwaZulu Natal Regional Committee. Amanda is currently the National Chairperson of CESA YPF, a member of the CESA Board, CESA Council, Advocacy

Committee and Gender Diversity Forum.

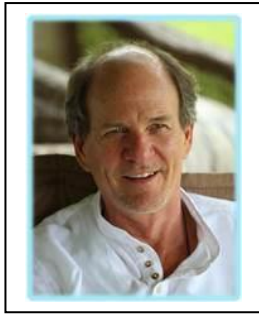
She is also a member of the Group of Africa Members Association (GAMA) YPF Steering Committee. Amanda is the lead for Professional and Technical Excellence in Mott MacDonald's Young Professionals Steering Committee.

Neresh Pather was inaugurated as the President of Consulting Engineers South Africa's (CESA) at the organisation's 64th Annual General Meeting held at the CESA Seminar in Johannesburg on Tuesday 7th November 2017.

Neresh is a Statutory Director of Mott MacDonald Africa, currently heads up the Transportation Sector in their Africa Business Unit. He holds a BSc. Engineering (Civil) degree and a MSc. Engineering degree in Transportation and as such has led many transport and strategic infrastructure projects within the company.



He has more than 27 years' experience in the industry. Prior to joining Mott MacDonald, Pather was the 'CEO of PD Naidoo & Associates Consulting Engineers (Pty) Ltd' for a period of 12 years. He joined the company in 1997 and held several positions in the capacity of Director before becoming the CEO. Neresh was one of the 7 Founder Directors of PDNA and played an instrumental role in the Mott MacDonald acquisition of PDNA.



John Homewood is an Inspirational Speaker and Teacher, with a passion for sharing the wisdom he has learnt through years of self-reflection, study and life-lessons. His work helps others see themselves, their lives and the world around them from a higher and broader perspective, and to feel the power and joy of present moment awareness. John calls this move into new awareness, **"THE AWAKENING SHIFT EXPERIENCE"**.

Whether coaching individuals, in person or by distance, or teaching small groups, or large workshops and retreats, John's passion is to transform people's understanding of life itself, letting go of the old paradigms that restricts and limits them from reaching their full potential.

After university, John's early career in the corporate world was a steady climb from sales to senior management, and by the age of 33 was a director of a publically listed company, before leaving to start his own business.

International speaker, corporate management consultant, producer of the **MindSync®** range of self-help products, and founder of **Wisdom To Nourish** and Mind enhancement Systems, John has a passion for expanding people's awareness and understanding of their own potential. His company provides a range of practical self-growth programmes, **CDs, books and DVDs.** www.johnhomewood.net

Kabelo Chabalala is a Mechanical Engineer for National Department of Public Works and Infrastructure. I am responsible for mechanical engineering works related to:

- Heating, Ventilation and Air-Conditioning - Refrigeration - Firefighting installations - Coal fired steam boilers - Wet services

Kabelo is a chairperson of Standards and Specifications National Committee of the department, established in 2019, where we focus on developing and updating technical and green building standards for the department to comply with South African National Standards. Accomplishments

So far, we developed 2 specifications, one for boilers and one for firefighting installations.



Ms. Segakweng Khutlape is a qualified Technologist in Urban Engineering with UNISA and is also a Registered Professional Technician with ECSA under the auspices of Phatwe Consulting Engineers, whom she has been with since 2012. Sega was elected as the CESA North West YPF Chairperson in early 2019 and is also an associate member with SAICE.

Sega is currently working as an Engineering Technologist for the construction supervision of all structural and civil engineering aspects of the proposed Schools Sanitation Projects, within the Bojanala District. Her other experiences include: • Resident

Engineer on the Rustenburg Rapid Transport road works (CBD Phases); • Assistant Resident Engineer on the upgrading of the Rustenburg Wastewater Treatment Works; • Design Technician on the Tshwane Rapid Transport Project (Phase 2A), to list a few.



Dr. Luyanda Mpahlwa is a Cape Town based Architect /Urban Design practitioner and commentator on various design and socially relevant matters regarding the urban condition of African Cities. He obtained his Masters in Architecture at the Technical University of Berlin and is the Director of Luyanda Mpahlwa DesignSpaceAfrica, an Architecture and Design firm he founded in 2009. Until then he was a partner at MMA Architects for 12 years. His education in South Africa was interrupted when he was incarcerated on Robben Island Prison in 1981 for his role in the anti-apartheid struggle. After his release in 1986, he left for Germany, where he spent 15 years in exile.

He has received various design Awards, including SAIA/Corobrik Award of Excellence in 2006 for the South African Embassy building in Berlin, Germany. He was the recipient of USA based Curry Stone Design Prize in 2008 for the Design Indaba Sandbag Low Cost House in Mitchells Plain, Cape Town. In 2010 Luyanda was awarded an Honorary Doctorate in Science and Technology from the Walter Sisulu University for his contribution to innovative design and technology.

He is currently serving in various Boards & Councils, including the Robben Island Museum, Walter Sisulu University, he is Chair of the Westerford High School SGB and is the current President of the South African Institute of Architects (SAIA). He is a member of SACAP (South African Institute for the Architectural Profession) and UDISA, Urban Design Institute of South Africa)

Yankho Banda is currently employed as a Traffic and Transport Engineer at AMCE (Pty) Ltd. She holds a BSc (Eng) Civil Engineering from the University of Witwatersrand and has 7 years' experience in the planning, design and implementation of transportation projects (roads, traffic and transport), one of which was the winner of the 2016 CESA Aon Engineering Excellence Award in the Category "Projects with a value of between R50 million and R250 million".

Yanko Banda is passionate about the development and retainment of young professionals for the sustainability of the profession hence her active involvement as a member of the Consulting Engineers South Africa (CESA) Young Professionals Forum (YPF) since 2012.



Keith Katyora is an Electrical Engineer working for Aurecon South Africa, he has published and presented numerous papers on the 4th Industrial Revolution and its possible impacts on the African Power Sector. He holds a Bachelor of Engineering majoring in Electrical Engineering from the University of Pretoria, and currently is doing his MPhil majoring in Energy Studies at the University of Johannesburg. Keith is also the current Gauteng Chairperson of the Young Professionals Forum for the Consulting Engineers of South Africa, Gauteng North. Keith was the youngest stakeholder panel and advisor to the Minister of Science & Technology on the 2029 National Development Plan for the Country. He was currently named one of Mail & Guardian's Top 200 Young South Africans.

Andrew Gatora is an engineering programmer at thyssenkrupp Industrial Solutions South Africa. He is a digitalized engineering expert with a diverse engineering background. He specializes in Expert Systems that combines the classical engineering expertise, with digital technology to create effective, automated and affordable customer-centric solutions.

Andrew holds an Electrical and Electronics Engineering degree from the University of Johannesburg and has over the years received specialized training in various fields that includes industrial automation, telecoms, railways engineering, data analytics and software engineering. Andrew is an active member of the YPF and was a debater in the recent YPF Great Debate.



Shane Manuel Palackal is working as an electrical engineer at the National Department of Public Works. He previously worked for the construction company, Group Five, after completing his undergraduate studies at the University of Cape Town, where he was involved in the construction and commissioning of an 82.5 MW PV plant in Kimberley, Northern Cape and the construction of the E&I portion of the Medupi Power Station in Lephalale, Limpopo.

He further went on to complete his master's degree at the University of Pretoria part time. He is currently seconded to Motla Consulting Engineers in centurion as he works towards his ECSA Professional Registration. His passion lies in renewable energy and wants to

pursue further knowledge and experience within that field.

Maungo Refilwe Mogorosi is a registered Construction Engineering Technologist. She is currently the Project Manager/ Engineer on the design and construction of a Beef Abattoir (capacity of 250 cattle per day).

As a young female Engineer, she is passionate about tackling the gender imbalance in the Science, Technology, Engineering and Mathematics fields. She has worked with WEGSA years back on adopt a school programme and recently has worked with junior and senior secondary schools around Botswana to raise awareness on engineering disciplines and the consulting engineers' sector.

Maungo is currently active on the ACEB YPF's mentorship and membership committee.





Jeshika Ramchund is a Professional Engineer employed as a Lead Engineer for the Developments Division at Bosch Projects. She holds a Bachelor of Science in Civil Engineering from the University of KwaZulu-Natal and has 11 years of experience in the planning, design and implementation of water, sanitation and integrated developments infrastructure projects.

Jeshika is passionate about the consulting engineering industry and the engineering profession. Jeshika serves as an Executive Committee Member of the Group of African Member Associations (GAMA), a member of the FIDIC Young Professionals Forum (YPF), Chairperson of CESA's Gender Diversity Forum, a member of FIDIC YPFSC and the FIDIC

Conference Advisory Group, immediate past Chairperson of GAMA YPF, past Chairperson of CESA's YPF, past CESA Council and Board Member.

Jeshika was selected for the Mail and Guardians 2018 list of the 200 Young South African's to watch in the Science and Technology category; the winner of the South African Professional Services Awards in 2019 in the category of Engineering Young Professional and the SAICE's Young Engineer of the Year (Durban Branch) in 2019. Jeshika also serves as the Bosch Holdings Group Co-ordinator for the Bosch Interact Young Professional Development programme, an in-house initiative for empowering Bosch's young professionals.

Jeshika sees herself as an advocate for change, working with Clients to improve the lives of the people she serves.

Teboho Mofokeng joined Aurecon in 2008 with a UCT MSc Wastewater Treatment qualification. She obtained her professional registration in 2013 at the age of 30. In that year, she was promoted to Associate Director and was made Technical Director for the Purification Unit in 2014. She left Aurecon to join GIBB in 2016 to embrace the challenge of running a national water business as a Technical Executive.

Her passion for people led to her starting a talent management company in 2019. She's to enrol for a PhD in 2020 to investigate the sustainability of water, food and energy nexus.



Ms Jacinta Nakanwagi is a Civil Engineer by profession with a Bachelor of Science Degree in Civil Engineering from Makerere University, Uganda and has a Post Graduate Diploma in Project Planning & Management from the Uganda Management Institute, Uganda.

She is currently working with PROME Consultants Ltd as a Project Engineer; and has over 6 years' experience in all facets of civil engineering covering road infrastructure design, data analysis, construction monitoring and supervision.

Her passion as a Civil Engineer is Project Management because it requires high problem solving and analytical skills which she has acquired over the years.



Kitso Rakgole obtained her BEng (Civil Engineering) from University of Botswana (UB) in 2013. She is currently employed as a Civil Engineer working on structural, roads and stormwater projects.

Kitso is passionate about mentoring of engineering students and graduates. As Vice chairperson of the UB Engineering Society, her involvement saw participation of UB engineering students in the BIE Young Professionals Conference (2011). As a member of the ACEB-YPF Mentorship committee in 2018/19, she was part of a panel at Career Guidance Sessions across Secondary schools to discuss Engineering as a career choice and being a woman in a male dominated industry.

Kitso is currently Vice-chairperson of the ACEB-YPF working towards improving visibility of the YPF and arranging activities for development of YPs in the industry. Harold Chibwe: Received his bachelor's degree in Civil & Environmental Engineering from the University of Zambia, currently pursuing a master's degree in Construction Management.

Harold Chibwe: Received his bachelor's degree in Civil & Environmental Engineering from the University of Zambia, currently pursuing a Master's Degree in Construction Management.

He is a Civil/Structural Engineer with Kiran & Musonda Associates, Consulting Engineers with over 7 years' experience in Structural Designs, Roads and Infrastructure Projects in Zambia.

He served as Chair of Association Consulting Engineering Zambia (ACEZ) YPF and is currently serving as the Chair of the GAMA YPFSC. He became member of the FIDIC YPFSC in February 2019.

He believes that the current crop of YP's in engineering fields, given the opportunity and properly mentored can act as a bridge in the Consulting Engineering Industry. YPs have the energy to work but they need calculated guidance to give their full potential to impact infrastructure development for the nation and continent at large.

