

MEET THE SPEAKERS

GARDEN ROUTE WASTE AND BIOMASS BENEFICIATION CONFERENCE



**MAYOR MEMORY
BOOYSEN**

Garden Route
District Municipality



DONALD GRANT

Special Advisor to the
Premier Western Cape
Government



GRAY MAGUIRE

Implementation and management of climate change mitigation and sequestration projects under the CDM, VCS and Gold Standard including project identification, development and registration. His experience covers a variety of roles in the socio-environmental and economics fields, most of which fall into five categories: Environmental Management Consulting, Project Management, Research, Training and Local Government engagement. Key focus areas have included: Green Economy: Infrastructure finance, Climate: Energy, Food, Water Nexus, Waste: Land-use Management and Resource Efficiency.



EDDIE HANEKOM

Eddie Hanekom studied Environmental and Occupational Health at Cape Peninsula University of Technology and University of the Free State. Currently, he is the Director of Waste Management at the Department of Environmental Affairs and Development Planning and has over 40 years' experience in the environmental field. Eddie is passionate that waste is an important secondary resource that should be utilised.



MORTON HUBBE

Morton Hubbe obtained his Higher Diploma in Public Health in 1989 after which he practised as an Environmental Health Practitioner at the Witzenberg Divisional Council and as Senior Environmental Health Practitioner. He was appointed at the Garden Route District Municipality as Regional Head South: Environmental Health Practitioner in 1991 and in 2006 was promoted to Manager: District Waste Management and has 15 years' experience in district municipal waste management.

Let's **minimise** waste and **maximise** value!



JOHAN GIE

Johan Gie obtained his BTech Degree in Environmental Health in 2009 after which he practised as an Environmental Health Practitioner at the Garden Route District Municipality for 3 years. He was then appointed as District Waste Management Officer in 2013 and has 8 years' experience in the municipality's Waste Management Section primarily focussing on Waste Minimisation and Information.



JOHN WILSON

John Wilson works for the Department of Environmental Affairs and Development Planning in the Biodiversity Management sub-directorate. John has been an environmental practitioner for more than 16 years, ranging from project-level implementation to landscape scale strategy development. He is currently involved in the ecological infrastructure space and is the Department's contact person for the Ecological Infrastructure Investment Framework. His interests include holistic environmental management and developing novel solutions to complex problems.



PAUL BUCHHOLZ

Paul Buchholz is an environmental specialist with more than 20 years' experience working on multidisciplinary environmental and engineering projects in Africa. Paul has provided specialist environmental input on projects in South Africa, Nigeria, Tanzania, Kenya, Malawi, Zimbabwe, Mauritius, Lesotho and Mozambique. He is a registered Professional Geographical Information Science Practitioner with The South African Geomatics Council



TJASA BOLE-RENTEL

As a macroeconomist, Tjasa Bole-Rentel's speciality is to maintain a broad perspective, and this has served her well in researching the challenging and exciting issues of renewable energy deployment and climate change mitigation. Tjasa draws her motivation and inspiration from collaborating with forward-thinking energy professionals. Excellent managerial skills acquired through the coordination of several international and multidisciplinary projects allows her to steer a process towards a common goal and high-quality results for any kind of research or consulting assignments within her areas of expertise.



JAN-LOUIS SPOELSTRA

Jan-Louis Spoelstra is a senior manager at Transnet. He studied Industrial Engineering through the University of Potchefstroom and University of Pretoria and obtained B.Engineering (Industrial) in 1990. He has also completed an MBL, an MBA in Negotiations through the International Negotiations Academy (University of Georgia USA) and an MSC in Rail Operations Management in 2021 through Glasgow Caledonian University.

Jan-Louis has previously worked for Iscor Vanderbijlpark and Pretoria as Industrial Engineer, thereafter joining Transnet in 1994 to start the Industrial Engineering division. He was also a member of Transnet International from 1998 till 2008 where he was responsible for the expansion of Transnet into 12 countries. From 2008–2012 he became the Area Production Manager for Central Region and Natcor in Transnet Freight Rail. In 2012, he worked on driving road to rail and private investment in rail in South Africa through Branch Lines and Private Sector Participation.



GERT LUDICK

Gert Ludick is a Port and Rail engineer with 20 years' experience and is a Civil Engineer by qualification. He has worked for Transnet delivering projects across its entire national rail network. He has also been on various African missions (Ghana, Benin, Mozambique, Botswana, Zimbabwe, Zambia, Tanzania Uganda and Kenya) as a rail expert. Multi-disciplinary railway project delivery, general management, strategic planning to continuously grow and develop track construction, rehabilitation and maintenance is part of his role at Transnet. With his vast experience to all aspects of railway operations, disciplines and having operated at various levels within the relevant departments, he has gained the required knowledge to understand and manage the driving principles that make a railway construction company prosper (Value, Quality and Safety). In his new role as Port Engineer he manages the Capital, maintenance, as well as Port development plans to ensure that the infrastructure continuously improves.



ALBERT ACKHURST

As Head of Component, Biodiversity Management at DEA&DP, Albert Ackhurst is responsible for implementing the Western Cape Provincial Biodiversity Strategy and Action Plan (PBSAP) and its Biodiversity Economy Strategy (PBES). Conservation scientist, Botanist, Soil Carbon scientist and biodiversity economist, he also co-chairs of the Honeybush Community of Practice. He is qualified and experienced as Human Capital and Training specialist and is active in the fields of ecological infrastructure, biomass economies, sustainable natural genetic resource management, community development, business intelligence, Citizen's science and the creation of green-collar jobs.



LUSANDA MENZE

Resilient, focused, hardworking and diligent. An avid reader, who will stop at nothing to get more information. Managing the Garden Route District Property Portfolio and responsible for providing support to B-Municipalities, in respect of, Strategic Planning, Spatial Planning and Land Use Management, Economic Development and Tourism, Investment Promotion and Attraction and Developing and Implementing the District Growth and Development Strategy



PASSMORE DONGI

Passmore Dongi specialises in project management, infrastructure development, local economic development that promotes sustainable growth. He also specialises in enterprises development focusing on SMEs and products value chains. His objectives centre around developing thriving and self-sufficient local economies in all respect that are anchored on reliable and efficient infrastructure. Passmore is a registered certified natural scientist with SACNASP and a Cand PMP.



PAUL HOFFMAN

Paul Hoffman is an experienced Project Manager and Consultant with a demonstrated history of working in the management consulting industry. Paul is skilled in Business Planning, Operations Management, Marketing Management, Project Management, and Business Development. He is a strong operations professional with a M Com Marketing Management degree from University of Pretoria.



THABISO MANNE

Thabiso Manne has been working in the Petroleum and Chemical Industry for more than 22 years. He started his career at Sasol where he worked in Research and Development, Technical Support and Operations Management. After joining PetroSA in 2009, he was assigned to the team tasked with the development of Project Mthombo, a project to build a crude oil refinery in Port Elizabeth. He subsequently assumed the business development responsibilities for projects in the New Ventures Midstream division. He also contributed to key national energy policy initiatives such as Cleaner Fuels and the National Integrated Energy Plan. Thabiso is a member of the Boards of GTL.F1, PetroSA's Joint Venture technology company, as well as PetroSA Ghana. He is currently the, Acting VP Midstream, a role he assumed since January 2019.



GARETH SHAW

Gareth Shaw is a Business Development Manager: GTL Graduated from University of Cape Town with a BSc Chemical Engineering degree in 1980 and with a MSc Engineering degree in Energy Studies in 1987. His career started with Sasol as a process engineer in 1981 during construction of the CTL plant in Secunda. He then joined PetroSA (then Mossgas) in 1989, working on the design of the GTL plant in Mossel Bay. Gareth also worked as a process engineer in the GTL Plant during the construction and commissioning period. Moving across to the Business Development side in 1994, he is currently the Business Development Manager: GTL in PetroSA where he Manages PetroSA's interests in the formation of GTL.F1, an international GTL joint venture technology company, established in 2005. Gareth also overseas PetroSA's interests in feasibility studies for GTL plants locally and internationally.



YASEEN SALIE

Sector Expert in the Bioeconomy Sector of GreenCape. The vision of GreenCape's Bioeconomy Programme is for bio-based resources such as organic residues (e.g. wood chips, spoilt fruit) and waste (e.g. abattoir waste and manure) to be used sustainably and in a way that creates resilience, benefit the economy and create jobs.

The programme is primarily focused on unlocking the potential of the province's bio-based resources and driving the 'greening' of agricultural value chains. This is done by promoting investments in green technologies, processes and systems. Their work on bioeconomy centre around bioenergy and resource productivity in Western Cape food value chains



MELANIE LUDWIG

Melanie Ludwig is a veterinary surgeon and established her organic waste recycling and consulting business Zero to Landfill Organics in 2009. She is a founding member and the current Chairperson of the Organics Recycling Association of South Africa. She has attended and presented at composting conferences in the USA and in Canada and is passionate about diverting organic waste from landfill.



IVAN VERA-CONCHA

Utilizing IAPs for bioenergy purposes is recognized as a promising feedstock that can potentially result in carbon savings and, deliver additional environmental and socio-economic advantages. However, sustainability concerns are associated with biomass supply chains, especially related to Land Use Change (LUC) transitions after IAPs are eradicated. They identified the potential environmental and socio-economic impacts of different LUC scenarios for landscape restoration when dedicating IAPs for energy purposes. They found that the eradication of IAPs results in tradeoffs between GHG emissions, water savings, and socio-economic impacts. Generally, net carbon losses will occur when considering the land-use

transitions after IAPS removal, even when land is rehabilitated to its natural state. However, independent of the land-use transition, removing IAPs results in water savings and job creation. These benefits can also amplify other ecosystem services such as conservation of biodiversity and social development under smart choices of land-use transitions. This integrated assessment can support developing the bioenergy sector in South Africa and assist in efficient biomass use. In addition, it can contribute to sound planning for South Africa GHG emissions reduction targets, job creation opportunities (poverty alleviation) and protection of water resources while utilizing (potential) relevant biomass resources.



GLENN MONCRIEFF

Glenn Moncrieff is an ecologist at the Fynbos node of the South African Environmental Observation Network. His research focuses on factors that control vegetation structure and function in disturbance-prone environments and using remote sensing and vegetation models to explore the impacts of global change in South Africa. Currently he is working on building observation systems to rapidly detect land cover change and continuously monitor the spread of invasive alien plants. He is passionate about using data to solve environmental problems and tell compelling stories that raise interest and increase public engagement with ecological issues.



JULIA GLENDAY

Julia Glenday is a hydrology researcher at the Fynbos node of the South African Environmental Observation Network. Her research focuses on improving understanding of catchment processes, particularly surface-water groundwater interactions and vegetation water use patterns across landscapes, and how to incorporate these into catchment-scale hydrological models. She is excited about bringing together all kinds of information - formally collected field data, landscape residents' and other stakeholder observations, remote sensing, etc - to build a shared understanding of how water moves through landscapes and how we can manage our impacts on this more sustainably and equitably.



MASITHANDAZE FALITENJWA

Masithandaze Falitenjwa is a qualified Forester with BA degrees in Community development and Public Administration from UNISA and Honours degree and Postgraduate Diploma in Leadership Development both from Stellenbosch University. He has an extensive experience in community forestry and has been involved in commercial forestry for 8 years with the former Department of Agriculture, Forestry and Fisheries. He is currently the Acting Regional Head - Forestry Western Cape with Department of Forestry, Fisheries & the Environment. He has been involved in the management of leased Forestry land in the Western Cape. Currently leading the implementation of the forestry exit reversal strategy. He will be presenting government forestry exit reversal strategy for Western Cape.



ELLANÉ VAN WYK

A niche tax specialist who works on developing and implementing innovative finance mechanisms for landscape conservation. She is the Lead for Environmental Tax and Training Services within Innovative Finance at Wilderness Foundation Africa. She also serves as a specialist contributor to the Sustainable Landscape Finance Coalition and serves on several of the Coalition's Finance Solution Incubators. She works extensively with conservation and biodiversity stewardship officers across South Africa to implement South Africa's first effective biodiversity finance mechanism, section 37D of the Income Tax Act, in addition to assisting protected area landowners to access the municipal property rates fiscal benefit. Ellané also provides training to the conservation sector and facilitates the mainstreaming of fiscal solutions across South Africa's landscapes. She is a qualified CA(SA), has a background

in training and commerce and lectured taxation for 20 years at Stellenbosch University. Ellané is regarded as an expert in the field of biodiversity tax incentives.



PAM BOOTH

Pam Booth works as the Environmental Manager at Knysna Municipality since 2017. With over 20 years invasive plant and catchment management experience in the Southern Cape Pam has a special interest in creating employment opportunities for local youth; achieving ecological restoration during and after clearing operations and finding innovative uses for biomass.



PETRUS VAN NIEKERK

Petrus van Niekerk is a development economist, with specialisation in local and regional economic development programmes and projects. He holds a M.com (Public & Development Management), B.com Hons (P&DM), B.com (Management Sciences) and has completed MMC standards for senior management in Local Government. He manages his own consultancy Econ-I after spending many years in the municipal economic development space.



SCHALK KAPP

Schalk Kapp is an Operating Partner and is responsible for biomass energy and industrial downstream investment opportunities. Prior to forming Criterion Africa Partners, he was with GEF where he also worked on forestry investments in Africa. He has worked with the CAP team in various capacities since 2001 and possesses strong technical and business expertise in forestry, wood processing, and biomass energy. Schalk has over 20 years' experience in the global forestry sector and significant expertise at the interface of the traditional forestry sector and biomass energy.

Schalk also has a master's in science in Wood Science from the University of Stellenbosch and a Master of Business Administration in Financial Management from the University of Pretoria.



MONDE STRATU

Municipal Manager
Garden Route District Municipality

