



National Science and  
Technology Forum

# Chemical elements for South Africa's future

**'Rare elements for new technologies' & 'Managing  
elements for nutrition and safety'**

**19 March 2019, Kempton Park, Gauteng**

**#Elements4health IYPT\_za**

## Biographies of Speakers

<p><b>Mr Ramakgwale Mampholo</b></p> 	<p>Ramakgwale Klaas Mampholo poses Masters Degree in Sustainable Agriculture specialising in Soil and Veld management from Tshwane University of Technology. Also Masters of Science in Ecological Remediation and Sustainable Use from North West University.</p> <p>Currently Deputy Director for LandCare within the Land Use and Soil Management directorate of the Department of Agriculture, Forestry and Fisheries. My responsibility entails specialist function, developmental projects, promotion and international engagements.</p> <p>Have more than 21 years of service in the field of agricultural natural resources management (Soil and Veld). Appointed as the country focal point for Global Soil Partnership led by Food and Agriculture Organisation, Conservation Agriculture and United Nations Convention to Combat Desertification and other multilateral engagements such as Sustainable development Goals, etc.</p>
<p><b>Prof Renee Street</b></p> 	<p>Dr Street is a specialist scientist at the Environment &amp; Health Research Unit of the South African Medical Research Council (SAMRC). She also holds an honorary lectureship at the Discipline of Occupational and Environmental Health, University of KwaZulu-Natal (UKZN). Over the past decade, her research has focused on various aspects of heavy metal exposure and the impact on plants and human health. Dr Street has a keen interest in public health issues and policy development.</p>
<p><b>Prof Leslie Petrik</b></p> 	<p>Professor Leslie Petrik leads the Environmental and NanoScience Research Group at the University, which is known for research on water chemistry and effluent remediation. This includes treating and removing organics and inorganics from industrial brine, acid mine drainage, and textile waste water. Another outstanding contribution is the development of processes for industrial waste reuse.</p> <p>Prof Petrik was the recipient of NSTF-South32 Award, the NSTF-Water Research Commission (WRC) Award for her work towards achieving sustainable water management, knowledge generation and solutions.</p>
<p><b>Mr Harry Dube</b></p> 	<p>Mr PH Dube works for the South African Department of Agriculture, Forestry and Fisheries under the Directorate: Agriculture Inputs Control (Act 36 of 1997). His job includes evaluation of applications for registration of fertilizer products under the Fertilizers, Farm Feeds, Stock Remedies and Agricultural Remedies Act (Act 36 of 1947). His job also includes reviewing of legislation related to fertilisers, drafting guidelines and regulations.</p> <p>Mr Dube worked for The Limpopo department of Agriculture as an agricultural scientist from 2008 till 2014 February when he joined DAFF. He holds a BSc degree in soil science from The University of Limpopo and a master's degree in agriculture from The University of New England (Australia) with specific specialisation in soil heavy metal contamination (Lead and Cadmium).</p>