Edison Muzenda is a Full Professor of Chemical and Energy Engineering, Head of the Chemical, Materials and Metallurgical Engineering Department, and Associate Dean Responsible for Research and Postgraduate Studies in the Faculty of Engineering and Technology at the Botswana International University of Science and Technology. He is also presently a Visiting Full Professor of Chemical Engineering at the University of Johannesburg (UJ), South Africa where he was formerly a Full Professor of Chemical Engineering, the Research and Postgraduate Coordinator as well as Head of the Environmental and Process Systems Engineering and Bioenergy Research Groups. More to this, he was also Chair of the Process Energy Environment Technology Station Management Committee at the UJ. He has a well-grounded academic research background, as he holds a BSc Hons and PhD in Chemical Engineering from Zimbabwe and Birmingham, UK respectively. He has over 20 years' experience in academia mostly gained during his time at various institutions including the National University of Science and Technology, Zimbabwe, University of Birmingham, University of Witwatersrand, University of South Africa, UJ and the Botswana International University of Science and Technology. Through the course of his academic preparation and career, he has successfully held several management and leadership positions. He also holds teaching interests and expertise in unit operations, multi-stage separation processes, environmental engineering, chemical engineering thermodynamics, professional engineering skills, research methodology as well as process economics, management and optimization. Professor Edison is a recipient of several awards and scholarships for academic excellence, one of them being recently nominated as an Outstanding Researcher for an African Researcher Booklet by the Department of Science and Technology, South Africa in 2017. However, with respect to greener energy demands and changing times, his research interests shifted to bioenergy engineering, sustainable and social engineering, integrated waste management, air pollution, and separation processes as well as phase equilibrium measurement and computation. In more recent times, his research activities are mainly focused on WASTE to ENERGY projects particularly, biowaste to energy for domestic and vehicular application in collaboration with South African National Energy Development Institute (SANEDI) and City of Johannesburg (CoJ) with strong involvements in waste tyre and plastics utilization for fuels and valuable chemicals in collaboration with Recycling and Economic Development Initiative of South Africa (REDISA). Professor Edison has contributed to over 360 international peer reviewed and refereed scientific articles in the form of journals, conferences books and book chapters. He has also supervised over 30 postgraduate students and more than 260 Honours and BTech research students. He presently serve as reviewer for a number of reputable international conferences and journals, and also a member of several academic and scientific organizations including the Institute of Chemical Engineers, UK, South African Institute of Chemical Engineers and International Society for Development and Sustainability amongst others, while being an Editor for a number of Scientific Journals and Conferences including the South African Journal of Chemical Engineering. He has organized and chaired several international conferences and remains a member of the South African Government Ministerial Advisory Council on Energy and Steering Committee of CoJ – University of Johannesburg Biogas Digester Project amongst other domestic and international involvements.