

Prof. Thokozani Simelane, PhD and Doctor of Engineering.

Holding a Bachelor of Science, Bachelor of Science (Honours), Master of Science, Doctor of Philosophy (PhD) and Doctorate of Engineering (D. Eng) in Industrial Engineering (From Durban University. Currently serving as a Professor of Practice in the Faculty of Engineering and Built Environment at the University of Johannesburg, Department of Urban and Regional Planning. Previously served as a principal Investigator of the project: Towards a Deeper Understanding of Science Diplomacy in Africa. The project was implemented in partnership with the SWISS TPH (Swiss Tropical and Public Health Institute, which is based in Switzerland. Also served as a principal Investigator of South Africa's National Food and Nutrition Security Survey. This was a first large scale survey conducted in South Africa since country's transition to Democracy. Started work as a research scientist at the South African National Parks (SANParks). Before that served as a Departmental Manager (Environmental Management) at the Council for Scientific and Industrial Research (CSIR) and the South African Bureau of Standards (SABS). Established the Science and Technology programme from scratch at the Africa Institute of South Africa. At SABS was responsible for certification of companies operating systems against ISO 14001 (environmental standard), OHSAS 18001 (occupational health and safety standard) and ISO 90001 (quality assurance). Thus familiar with systems, processes and business operations of various companies in South Africa. These include among others Energy, Petrochemical, Chemical, Mining and various services companies such as AVIS. In the past, had worked with Standard Bank (the now largest bank in Africa by assets) and South Africa's state owned companies (these include DENEL, TRANSNET, SAA, SAFCOL), helping them to understand the dynamics of African so that they can adapt their Market Strategies to market demands. This was in the form of commissioned research papers (for standard bank) and intelligent information sharing in the form of closed workshops and discussion sessions (for State Owned Enterprises). Had served as a member of the Standing Advisory Committee on Intellectual Property Right of South Africa(2002 -2017). The Committee was advising the minister of trade and industries on issues relating to South Africa's international positions on intellectual property rights. It also recommended amendments to Intellectual Property Laws and Policies of South Africa. Have served as a member of the Research and Publications Committee of the Africa Institute of South Africa (2009-2014), served as a member of the Research Ethics Committee of the Human Sciences Research Council (2014-2017). Served as a council member of the South African chapter of System Dynamics society (2012-2018). Currently serves as a members of the Department of Science, Technology and Innovation G20 Scientific committee, serves as a member of G20 task team on food security set up by the Department of Agriculture, serves as a member of Council on Higher Education's community of practice committee tasked with the responsibility of developing a Research and Innovation Standard for Higher Education Institutions in South Africa.