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| **Department** | | **Institute for corporate citizenship** | |
| **Discipline** | | **Climate Change and Sustainability Transitions** | |
| **Research Focus Area** | | **Sustainable Development Goals, Climate Change, Disaster Risk Reduction, Renewable Energy and Africa Agenda 2063** | |
| **Total Capacity for 2025** | | **2 PhDs** | |
| |  |  |  | | --- | --- | --- | | **Name**  Prof Godwell Nhamo  Email: [nhamog@unisa.ac.za](mailto:nhamog@unisa.ac.za) | **Academic Profile**  Godwell Nhamo is a Full Professor, Chief Researcher and Chair for the Exxaro Chair in Business and Climate Change at the University of South Africa (Unisa). He is an NRF C3 rated researcher in the fields of Green Economy, Climate Change Governance and Sustainable Development and has published widely in these areas. Prof Nhamo has over 20 years of work experience drawn from a mix of academic and consultancy spheres. Among his offerings are 17 books and over 100 journal articles and many book chapters. Since 2013, Prof Nhamo has graduated 11 PhDs and is currently supervising 6 others. Professor Nhamo sits in a number of both international and national boards and technical panels addressing issues in his research space. He has hosted 11 postdoctoral fellows from across Africa. Professor Nhamo has received many awards and recognitions that include: Appointment to the African Union 4 member High Level Panel on Green Innovation Framework (2018), Unisa Chairperson of Council Award of Excellence in Overall Job Performance and Community Service (twice), Unisa Vice Chancellor Award of Research Excellence (three times) and Unisa Prestigious External Research Award and Recognition (2018). He was also a 2015/6 finalist in the prestigious South Africa National Science and Technology Forum (NSTF) GreenMatter Category for outstanding contributions in biodiversity conservation, sustainability and green economy, a 2017 Semi-Finalist in the CEO Global Titans Awards and in 2017, recognized for the Rhodes University Distinguished Old Rhodian Award for having reached exceptional heights in his chosen career by maintaining excellence in the field and service to society. | **Capacity**  2 PhDs | | **Model of Supervision** | All students allocated are expected to fulfil their role as researchers. The mentor will be there to give direction. | | | **Selection Criteria: MSc, DCom and PhD** | In addition to the admission criteria in the *my*Choice brochure, potential students should have adequate understanding in general environmental issues and climate change and/or green growth/economy aspects. The potential student will be expected **prepare a five-page concept note** covering:   * Title and synopsis of the research * Short literature review presenting critical arguments from latest literature on the subject matter * Rationale for the research and statement of the research problem * Key research question * Key objectives * Methodology * List of references (in APA referencing system) | | | **Documents to Support Application** | One-page abbreviated CV, including:   * Academic qualifications (including when and where obtained, title and abstract of research project, and the names and affiliation of supervisors involved) * Work experience * Contact details * Cover letter expressing interest * Past research and publication record | | | **Current Research** | Modern economic development discourse is increasingly coming to terms with old and emerging paradigms of sustainable development (including sustainable Development Goals – SDGs and the sustainability transitions agenda). In addition to the climate change and sustainability transitions agenda, the world has set an ambitious development agenda to address 17 SDGs with a time frame to 2030. Work still remains in terms of understanding how the SDGs will be domesticated across spatial levels and in organisations. Linked to the SDGs is the Paris Agreement of Climate change as well as the SENDAI Framework on disaster risk reduction and Africa Agenda 2063. At the country level, South Africa has the National Development Plan (NDP) that should speak to these global and continental agendas. All these matters are areas that require further research. Of late, there are major issues coming out of the COVID-19 pandemic as they relate to the SDGs, tourism, geopolitics and climate change too. | | | **Reading: Subject Field** | * Mthembu, D. and Nhamo, G. (2021). Landing the Climate SDG into South Africa’s Development Trajectory: Mitigation Policies, Strategies and Institutional Setup. Sustainability 13 (5): 2991. <https://doi.org/10.3390/su13052991> * Mantlana, K.B., Maoela, M.A. and Nhamo, G. (2021). Mapping South Africaʼs nationally determined contributions to the targets of the sustainable development goals. Natural Resources Forum. DOI:10.1111/1477-8947.12213 * Dube, K., Nhamo, G., Chikodzi, D. (2021). COVID-19 pandemic and prospects for recovery of the global aviation industry. Jpurnal of Air Transport Management, 92, 102022. <https://doi.org/10.1016/j.jairtraman.2021.102022> * Dube, K., Nhamo, G., Chikodzi, D. (2021). Rising sea level and its implications on coastal tourism development in Cape Town, South Africa. Journal of Outdoor Recreation and Tourism 33 (2021) 100346, <https://doi.org/10.1016/j.jort.2020.100346> * Nhamo, G., Chikodzi, D., Kunene, H.P. and Mashula, N. (2021). COVID-19 vaccines and treatments nationalism: Challenges for low-income countries and the attainment of the SDGs. <https://doi.org/10.1080/17441692.2020.1860249>. * Nhamo, G., Kandawasvika, G.Q. & Sibanda, M. (2020), ‘Non-pharmaceutical strategies win coronavirus disease 2019 battle in New Zealand’, Jàmbá: Journal of Disaster Risk Studies 12(1), a1010. <https://doi.org/10.4102/jamba.v12i1.1010>. * Dube, K., Nhamo, G., Chikodzi, D. (2020). Climate change-induced droughts and tourism: Impacts and responses of Western Cape Province, South Africa. Journal of Outdoor Recreation. <https://doi.org/10.1016/j.jort.2020.100319>. * Dube, K. and Nhamo, G. (2020). Tourism business operators’ perceptions, knowledge and attitudes towards climate change at Victoria Falls, The Journal for Transdisciplinary Research in Southern Africa 16(1), a778. https://doi. org/10.4102/td.v16i1.778. * Dube, K. and Nhamo, G. (2020). Greenhouse Gas Emissions and Sustainability in Victoria Falls: Focus on Hotels, Tour Operators and Related Attractions. African Geographical Review. DOI:10.1080/19376812.2020.1777437. * Dube, K., Nhamo, G. and Chikodzi, D. (2020). COVID-19 cripples global restaurant and hospitality industry. Current Issues in Tourism. DOI:10.1080/13683500.2020.1773416. * Dube, K. and Nhamo, G. (2020). Tourist perceptions and attitudes regarding the impacts of climate change on Victoria Falls. Bulletin of Geography - Socio-economic Series, 47(47):27-44. DOI:10.2478/bog-2020-0002. * Dube, K. and Nhamo, G. (2020). Vulnerability of nature-based tourism to climate variability and change: Case of Kariba resort town, Zimbabwe. Journal of Outdoor Recreation and Tourism, 29, 100281. * Dube, K., & Nhamo, G. (2020). Sustainable Development Goals localisation in the tourism sector: lessons from Grootbos Private Nature Reserve, South Africa. Geojournal. doi:10.1007/s10708-020-10182-8. * Nhamo, G., Nhemachena, C. and Nhamo, S. (2020). Using ICT indicators to measure readiness of countries to implement Industry 4.0 and the SDGs. Environmental Economics and Policy Studies, 22: 315-337. * Nhamo, G. and Mukonza, C. (2020). Opportunities for women in the green economy and environmental sectors. Sustainable Development, https://doi.org/10.1002/sd.2033. * Dube, K. and Nhamo, G. (2020). Evidence and impact of climate change on South African national parks. Potential implications for tourism in the Kruger National Park. Environmental Development, Vol. 33, 100485. <https://doi.org/10.1016/j.envdev.2019.100485> * Nhamo, G., Nhemachena, C. and Nhamo, S. (2019). Is 2030 too soon for Africa to achieve the water and sanitation sustainable development goal? Science of the Total Environment. https://doi.org/10.1016/j.scitotenv.2019.03.109. * Nhamo, G. and Agyepong, A.O., 2019, ‘Climate change adaptation and local government: Institutional complexities surrounding Cape Town’s Day Zero’, Jàmbá: Journal of Disaster Risk Studies 11(3), a717. <https://doi.org/10.4102/jamba.v11i3.717> * Kupika, O.L., Gandiwa, E., Nhamo, G. and Kativu, S. (2019). Local Ecological Knowledge on Climate Change and Ecosystem-Based Adaptation Strategies Promote Resilience in the Middle Zambezi Biosphere Reserve, Zimbabwe. Scientifica. Volume 2019, Article ID 3069254, 15 pages, <https://doi.org/10.1155/2019/3069254>. * Muchuru, S. and Nhamo, G. (2019). A review of climate change adaptation measures in the African crop sector. Climate and Development. https://doi.org/10.1080/17565529.2019.1585319. * Dube, K. and Nhamo, G. (2019). Climate change and the aviation sector: A focus on the Victoria Falls tourism route. Environmental Development. | | | **Reading:**  **Research Methodology** | * Creswell, J.W. 2009. *Research design: Qualitative, quantitative and mixed methods approaches***.** Sage. * Mouton, J. 2001. *How to succeed in your master’s and doctoral studies: A South African guide and resource book***.** Pretoria: Van Schaik. | | | **Potential M&D Research Focus Areas or Research Projects** | | | | * Domestication of the Sustainable Development Goals (SDGs) * Climate Negotiations and the Paris Agreement * COVID-19 and the SDGs, as well as COVID-19 and Tourism * Climate change adaptation and mitigation | | | | | | |
| **Supervision Team details:** | **Academic Profile** | | **Capacity** |
| Prof Godwell Nhamo  Email: [nhamog@unisa.ac.za](mailto:nhamog@unisa.ac.za)  ORCID ID: 0000-0001-5465-2168 | **Academic Profile**  Godwell Nhamo is a Full Professor, Chief Researcher and Chair for the Exxaro Chair in Climate and Sustainability Transitions at the University of South Africa (Unisa). He is an NRF C3 rated researcher in the fields of Green Economy, Climate Change Governance and Sustainable Development and has published widely in these areas. Prof Nhamo has over 20 years of work experience drawn from a mix of academic and consultancy spheres. Among his offerings are 17 books (13 edited and 4 co-authored) and over 100 journal articles and many book chapters. Since 2013, Prof Nhamo has graduated 11 PhDs, is currently supervising 6 others and has hosted 11 postdoctoral fellows from across Africa. Professor Nhamo set in a number of both international and national boards and technical panels addressing issues in his research space. Professor Nhamo has received many awards and recognitions that include: Unisa Chairperson of Council Award of Excellence in Overall Job Performance and Community Service (twice), Unisa Vice Chancellor Award of Research Excellence (three times) and Unisa Prestigious External Research Award and Recognition (2018). He was also a 2015/6 finalist in the prestigious South Africa National Science and Technology Forum (NSTF) GreenMatter Category for outstanding contributions in biodiversity conservation, sustainability and green economy, a 2017 Semi-Finalist in the CEO Global Titans Awards and in 2017, recognized for the Rhodes University Distinguished Old Rhodian Award for having reached exceptional heights in his chosen career by maintaining excellence in the field and service to society. Prof Nhamo also developed a five-week long course on ‘Post COVID-19 and Low Carbon Transition’ for IDEP/UNECA to be offered from 20 September 2021. Prof Nhamo was one of the four-member African Union High Level Panel drafting the Green Innovation Framework for the continent and is also one of the experts for the Non-economic Losses (NELs) Group under the UNFCCC Warsaw International Mechanisms on Loss and Damage. Finally, Prof Nhamo designed a Post COVID-19 Low Carbon Transition 5-weeks course for UN IDEP. | | None |
| **Model of supervision** | All students allocated are expected to fulfil their role as researchers. The mentor will be there to give direction. | | |
| **Selection criteria:**  **MSc, DCom and PhD** | In addition to the admission criteria in the *my*Choice brochure, potential students should have adequate understanding in general environmental issues and climate change and/or green growth/economy aspects. The potential student will be expected **prepare a five-page concept note** covering:   1. Title and synopsis of the research 2. Short literature review presenting critical arguments from latest literature on the subject matter 3. Rationale for the research and statement of the research problem 4. Key research question 5. Key objectives 6. Methodology 7. List of references (in APA referencing system) | | |
| **Documents to Support Application** | One-page abbreviated CV, including:   * Academic qualifications (including when and where obtained, title and abstract of research project, and the names and affiliation of supervisors involved) * Work experience * Contact details * Cover letter expressing interest * Past research and publication record | | |
| **Current Research** | SDGs, Disaster Risk Reduction, COVID-19 as a Disaster and Climate Change | | |
| **Reading:**  **Subject Field** | 1. Chapungu, L. & **Nhamo, G.** (2021). Interfacing vector-borne disease dynamics with climate change: Implications for the attainment of SDGs in Masvingo City, Zimbabwe. Jàmbá: Journal of Disaster Risk Studies 13(1), a1175. https://doi.org/10.4102/ jamba.v13i1.1175 2. Nhamo, G. (2021). Localisation of SDGs in Higher Education: Unisa’s whole institution, all goals and entire sector approach. Southern African Journal of Environmental Education, Vol. 37(1): 63-85. DOI 10.4314/sajee.v37i1.5 3. Dube, K., Chikodzi, D. & **Nhamo, G.** (2021). Flooding trends and their impacts on coastal communities of Western Cape Province, South Africa. GeoJournal. https://doi.org/10.1007/s10708-021-10460-z 4. **Nhamo, G.** and Sibanda, M. (2021). Forty days of regulatory emergency use authorisation of COVID-19 vaccines: interfacing efficacy, hesitancy and SDG target 3.8. Global Public Health. https://doi.org/10.1080/17441692.2021.1938170 5. Mthembu, D. and **Nhamo, G.** (2021). Domestication of the UN Sustainable Development Goals in South Africa, South African Journal of International Affairs, 28:1, 1-28, DOI:10.1080/10220461.2021.1894971 6. Nhamo, G. (2021). COVID-19 Vaccines Development Discord: A Focus on the BRICS and Implications for Africa’s Access and Affordability Matters, Politikon, DOI:10.1080/02589346.2021.1913797 7. Mthembu, D. and **Nhamo, G**. (2021). Landing the Climate SDG into South Africa’s Development Trajectory: Mitigation Policies, Strategies and Institutional Setup. Sustainability 13 (5): 2991. <https://doi.org/10.3390/su13052991> 8. Mantlana, K.B., Maoela, M.A. and **Nhamo, G.** (2021). Mapping South Africaʼs nationally determined contributions to the targets of the sustainable development goals. Natural Resources Forum. DOI:10.1111/1477-8947.12213 9. Dube, K., **Nhamo, G.**, Chikodzi, D. (2021). COVID-19 pandemic and prospects for recovery of the global aviation industry. Journal of Air Transport Management, 92, 102022. https://doi.org/10.1016/j.jairtraman.2021.102022 10. Dube, K., **Nhamo, G.**, Chikodzi, D. (2021). Rising sea level and its implications on coastal tourism development in Cape Town, South Africa. Journal of Outdoor Recreation and Tourism 33 (2021) 100346, https://doi.org/10.1016/j.jort.2020.100346 11. **Nhamo, G.**, Chikodzi, D., Kunene, H.P. and Mashula, N. (2021). COVID-19 vaccines and treatments nationalism: Challenges for low-income countries and the attainment of the SDGs. Global Public Health. https://doi.org/10.1080/17441692.2020.1860249. 12. **Nhamo, G.**, Kandawasvika, G.Q. & Sibanda, M. (2020), ‘Non-pharmaceutical strategies win coronavirus disease 2019 battle in New Zealand’, Jàmbá: Journal of Disaster Risk Studies 12(1), a1010. https://doi.org/10.4102/jamba.v12i1.1010. 13. Dube, K., **Nhamo, G.,** Chikodzi, D. (2020). Climate change-induced droughts and tourism: Impacts and responses of Western Cape Province, South Africa. Journal of Outdoor Recreation. <https://doi.org/10.1016/j.jort.2020.100319> . 14. Dube, K. and **Nhamo, G.** (2020). Tourism business operators’ perceptions, knowledge and attitudes towards climate change at Victoria Falls, The Journal for Transdisciplinary Research in Southern Africa 16(1), a778. https://doi. org/10.4102/td.v16i1.778. 15. Dube, K. and **Nhamo, G.** (2020). Greenhouse Gas Emissions and Sustainability in Victoria Falls: Focus on Hotels, Tour Operators and Related Attractions. African Geographical Review. DOI:10.1080/19376812.2020.1777437. 16. Dube, K., **Nhamo, G.** and Chikodzi, D. (2020). COVID-19 cripples global restaurant and hospitality industry. Current Issues in Tourism. DOI:10.1080/13683500.2020.1773416. 17. Dube, K. and **Nhamo, G.** (2020). Tourist perceptions and attitudes regarding the impacts of climate change on Victoria Falls. Bulletin of Geography - Socio-economic Series, 47(47):27-44. DOI:10.2478/bog-2020-0002. 18. Dube, K. and **Nhamo, G.** (2020). Vulnerability of nature-based tourism to climate variability and change: Case of Kariba resort town, Zimbabwe. Journal of Outdoor Recreation and Tourism, 29, 100281. 19. Dube, K., & **Nhamo, G.** (2020). Sustainable Development Goals localisation in the tourism sector: lessons from Grootbos Private Nature Reserve, South Africa. Geojournal. doi:10.1007/s10708-020-10182-8. 20. **Nhamo, G.**, Nhemachena, C. and Nhamo, S. (2020). Using ICT indicators to measure readiness of countries to implement Industry 4.0 and the SDGs. Environmental Economics and Policy Studies, 22: 315-337. | | |
| **Reading:**  **Research Methodology** | * Creswell, J.W. 2009. *Research design: Qualitative, quantitative and mixed methods approaches***.** Sage. * Mouton, J. 2001. *How to succeed in your master’s and doctoral studies: A South African guide and resource book***.** Pretoria: Van Schaik. | | |
| **Potential M&D research focus areas or research projects** | | | |
| * Domestication of the Sustainable Development Goals (SDGs), including the role of business * Climate Negotiations and the Paris Agreement * Disaster Risk Reduction * Africa Agenda 2063 * GRI Sustainability Standards * Climate change adaptation and mitigation * Green growth/economy * COVID-19 and Tourism | | | |