



Short CV

Neo Mathinya, PhD

Lecturer: Soil science

Courses Presented

AGRI 1534 – Chemical principles in agriculture – Undergraduate

SCCS 2684 – Sustainable soil and water management – Undergraduate

Coordinator: SCCS Postgraduate Students



Research Focus

Technology use in soil science research; Sustainability research (SDG 1, 2, 8, 10 & 11);
Management of multifunctional landscapes

Most Recent Publications

1. **Mathinya VN** and Molomo ML (2024). Distribution and redistribution of salt ions in saline soils with shallow groundwater table. *Water SA* 50(4) 345–356.
2. **Mathinya, V.N.**, Franke, A.C., van de Ven, G.W.J. and Giller, K.E., 2023. Can small-scale farming systems serve as an economic engine in the former homelands of South Africa?. *Frontiers in Sustainable Food Systems*, 7, p.1222120.
3. **Mathinya, V.N.**, Franke, A.C., Van De Ven, G.W.J. and Giller, K.E., 2022. Productivity and constraints of small-scale crop farming in the summer rainfall region of South Africa. *Outlook on Agriculture*, 51(2), pp.139-154.
4. **Mathinya, V.N.**, Barnard, J.H., Bello, Z.A. and van der Watt, E., 2021. Response of malt barley grain quality characteristics to increasing irrigation water salinity. *South African Journal of Plant and Soil*, 38(2), pp.159-170.
5. **Mathinya, V.N.**, van Rensburg, L.D., Mavimbela, S.S.W. and Barnard, J.H., 2019. Malt barley (*Hordeum vulgare* L.) water use and grain yield response to saline irrigation under shallow groundwater table conditions. *Irrigation and Drainage*, 68(5), pp.867-880.

Fun Fact

Completed the African Bank Soweto Marathon in 2023