



Short CV

Palo Francis Loke, PhD

Lecturer: Soil science



Courses Presented

SOIL 4814 – Soil Chemical Principles and Applications – Undergraduate

SOIL 2674 – Soil Fertility and Fertilization - Undergraduate

Research Focus

Carbon sequestration and storage; Nutrient cycling; Plant nutrition

Most Recent Publications

1. **Loke PF**, Kotzé E, Du Preez CC. 2022. Soil Organic Matter Storage in Irrigated Tsitsikamma Dairy Farms with Minimum Tilled Pasture Mixtures: Case Studies. Agriculture 12(6):858 <https://doi.org/10.3390/agriculture12060858>
2. Tlomatsana LS, **Loke PF**, Kotzé E, Aghoghovwia LMP. 2022. Aggregate dynamics and intra-aggregate carbon contents as influenced by long-term wheat production management in semi-arid South Africa. South African Journal of Plant and Soil. 39(2): 94–101 <https://doi.org/10.1080/02571862.2021.2009049>
3. **Loke PF**, Heine HG, Rhode OHJ, Kotzé E, Du Preez CC. 2022. Tillage and its temporal effects on soil organic matter and microbial characteristics in the semi-arid central South Africa. Soil Research, 60(3) 294–309 <https://doi.org/10.1071/SR21141>
4. **Loke PF**, Schimper JJ, Kotzé E, Du Preez CC Long-term wheat production management effects on soil fertility indicators in the semi-arid eastern Free State, South Africa. South African Journal of Plant and Soil. 38(2): 93-106 <https://doi.org/10.1080/02571862.2020.1858512>
5. **Loke PF**, Kotzé E, Du Preez CC, Linette Twigge. 2021. Cross-rangeland comparisons on soil carbon dynamics in the pedoderm of semi-arid and arid South African commercial farms Geoderma 381: 114689 <https://doi.org/10.1016/j.geoderma.2020.114689>

Fun Fact

Farming with angora goats