Brief Curriculum Vitae

Prof Cathy Clarke
Stellenbosch University

Presentation Topic: The Carbon Cyle, What Lessons Should be Learned?



Cathy Clarke is an Associate Professor and Chair of the Department of Soil Science at Stellenbosch University, South Africa. She holds a PhD from Durham University (UK) and an MSc and BScAgric in Soil Science from Stellenbosch University.

Her research focuses on how intact and disturbed ecosystems drive short- and long-term soil formation and biogeochemical cycling, with a particular emphasis on soil carbon sequestration and transformation. Her current projects extend this work to regenerative agriculture, examining how farming and grazing practices affect soil carbon and nutrient dynamics and how these translate into broader ecosystem services.

She has graduated over 30 postgraduate students and has published over 70 scientific articles. Cathy serves on the Soil Classification Working Group of South Africa and Hortgro's sustainability advisory panel.