Name: Prof (CW) Cornie Van Huyssteen
Position: Associate Professor
Department: Soil- and Crop- and Climate Sciences
Email: vanHuyssteenCW@ufs.ac.za
Address: LG1.G30
GRONDKUNDE
IB 54
9999

Telephone: 051 4019247
Office: LG1.G30

Short CV

Cornie van Huyssteen is an associate professor in the Department of Soil, Crop and Climate Sciences at the University of the Free State in Bloemfontein. He lectures Introductory Soil Science, Advanced Soil Chemistry and Advanced Soil Geomorphology. His research focuses on the relationship between soil morphology and soil hydrology. From 1991 to 1999 he was employed by the Institute for Soil, Climate and Water of the Agricultural Research Council, where he aided in the land type survey and spatial analysis of soil data. He received his B.Sc. Agric. in 1991, his M.Sc. in 1995, both at the University of Stellenbosch and his Ph.D. in 2004 at the University of the Free State. He is current vice-chair of the IUSS working group for the World Reference Base and immediate past president of the Soil Science Society of South Africa. He is author or co-author of 25 reviewed papers.

Publications (Short List)

Van Huyssteen, C.W. D.P. Turner, P.A.L. le Roux 2013. Principles of soil classification and the future of the South African system. *S. Afr. J. Plant Soil.* 30: 23-32.

Kuenene, B., C.W. van Huyssteen, P.A.L. le Roux. 2013. Selected soil properties as indicators of soil water regime in the Cathedral Peak VI catchment, KwaZulu-Natal*. S. Afr. J. Plant Soil.* 30: 1-6*.*

Van Huyssteen, C.W. 2012. Hydrological classification of orthic A horizons in Weatherley, South Africa. *S. Afr. J. Plant & Soil.* 29: 101-107.

Kuenene, B., C.W. van Huyssteen, P.A.L. le Roux, M. Hensley & C. Everson. 2011. Facilitating interpretation of the Cathedral Peak VI catchment hydrograph using soil drainage curves. *S. Afr. J. Geo.* 114:525-534.

Du Preez, C.C., P.N.S. Mnkeni & C.W. van Huyssteen. 2011. Knowledge review on land use and soil organic matter in South Africa 1. Spatial variability and rangeland stock production. *S. Afr. J. Sci.* 207: 27-34.

Du Preez, C.C., P.N.S. Mnkeni & C.W. van Huyssteen. 2011. Knowledge review on land use and soil organic matter in South Africa 2: Arable crop production. *S. Afr. J. Sci.* 207: 35-42.

Smith, K. & C.W. van Huyssteen. 2011. The effect of degree and duration of water saturation on selected redox indicators: pe, Fe^{2+} and Mn^{2+}. *S. Afr. J. Plant Soil.* 28:119-126.

Publications

a) Articles 25
b) Books 0
c) Chapters in books 0
d) Pamphlets 0

Area(s) of Interest: Soil redox chemistry and morphology, Wetland soils, Hydropedology, Soil mapping & interpretation, Soil-Plan-Water Interaction, Soil Classification

Courses Presented:
Introduction Soil Science (GKD214), Advanced Soil Chemistry (GKD414), Advanced Pedology (GKD625)