



Prof Van Rooyen is Professor in Plantekologie in die Departement Plantkunde in die Fakulteit Natuur- en Landbouwetenskappe. Prof Van Rooyen se navorsing is veral toegespits op die plantegroei van die ariede gebiede van Suider-Afrika, soos Namakwaland, die Kalahari en Boesmanland. 'n Spesiale fokus is die langtermynmonitering van plantegroei-eranderinge, asook die voortplantingsbiologie en ekofisiologie van Namakwalandse plantsoorte.

Die hoofdoel van hierdie navorsing is om 'n begrip van die funksionering en dinamika van die plantegroei te verkry en om hierdie kennis aan te wend om die bewaring van plantdiversiteit te bevorder en optimale rehabilitasiepraktyke voor te stel.

Prof Van Rooyen het haar studies in 1968 by die Universiteit van Pretoria begin en 'n PhD (Plantkunde) in 1988 behaal. In 1972 is sy as Kurator van die HGWJ Schweickerdt-herbarium in die Departement Plantkunde aangestel en in 1978 het sy 'n navorsingsbeampte geword. In 2000 is sy as Dosent in hierdie Departement aangestel en in 2001 is sy tot Medeprofessor bevorder.

Sy is lid van die Suid-Afrikaanse Genootskap van Plantkundiges. Prof Van Rooyen is die outeur of mede-outeur van meer as 100 wetenskaplike artikels in geakkrediteerde vaktydskrifte, drie boeke en het ook ses hoofstukke tot boeke bygedra. Sy het 'n C2-gradering van die NNS.

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Prof Van Rooyen is a Professor in Plant Ecology in the Botany Department in the Faculty of Natural and Agricultural Sciences. Prof Van Rooyen's research is focused particularly on plant growth of the arid areas of Southern Africa, such as Namaqualand, the Kalahari and Bushmanland. A special focus is the long-term monitoring of changes in plant growth, as well as reproductive biology and the ecophysiology of the Namaqualand plant species.

The main objective of this research is to obtain an understanding of the functioning and dynamics of the vegetation and to apply this knowledge to promote the conservation of plant diversity and to propose optimum rehabilitation practices.

Prof Van Rooyen commenced her studies at the University of Pretoria in 1968 and obtained a PhD in Botany in 1988. In 1972 she was appointed as Curator of the HGWJ Schweickerdt Herbarium in the Botany Department and she became a research officer in 1978. In 2000 she was appointed as a Lecturer in the Department and in 2001 she was promoted to Associate Professor.

She is a member of the South African Association of Botanists. Prof Van Rooyen is the author or co-author of more than 100 scientific papers that appeared in accredited journals. She is also the author of three books and contributed six chapters to books. She has a C2-rating from the NRF.

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Prof Van Rooyen ke profesa wa Ekholotši ya Dimela ka Kgorong ya Thutadimela ka Lefapheng la Thutamahlale a Tlhago le Temo. Nyakišišo ya Prof Van Rooyen e lebantše kudu go kgolo ya dimela tša mafelo ao a omilego a Borwa bja Afrika, bjalo ka Namaqualand, Kalahari le Bushmanland. Nepo ya go ikgetha ke tekolo ya lebaka le letelele la diphetogo kgolong ya dimela, le payolotši ya pelego le ekhofiolotši ya mehuta ya dimela tša Namaqualand.

Maikemišetšo a magolo a nyakišišo ke go hwetša kwešišo ya mašomelo le diphetogo tša kgolo ya dimela le go šomiša tsebo go godiša pabalelo ya phapano ya dimela le go šišinya mekgwa ya tšhokollo ya go felelela.

Prof Van Rooyen o thomile dithuto tša gagwe University of Pretoria ka 1968 gomme o hweditše PhD ka Thutadimela ka 1988. Ka 1972 o ile a thwalwa bjalo ka Mosepediši wa musiamo wa HGWJ Schweickerdt Herbarium ka Kgorong ya Thutadimela gomme o bile moofisiri wa dinyakišišo ka 1978. Ka 2000 o thwetšwe bjalo ka mofahloši ka Kgorong ya Thutadimela gomme ka 2001 a hlatlošetšwa maamong a go ba Mothušaprofesa.

Ke leloko la Mokgatlo wa Afrika-Borwa wa Boradimela. Prof Van Rooyen ke mongwadi ebile ke mongwadi mmogo wa dipampiri tša thutamahlale tša go feta tše 100 tšeo di tšweletšego ka ditšenaleng tšeo di dumeletšwego. Gape ke mongwadi wa dipuku tše pedi ebile o abile dikgaolo tše tshela ka dipukung tše dingwe. O na le maemo a C2 go tšwa go NRF.