

University of Pretoria Yearbook 2017

Environmental resource assessment and management 750 (WDE 750)

Qualification	Postgraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	14.00
Prerequisites	No prerequisites.
Contact time	3 lectures per week, 1 practical per week
Language of tuition	Module is presented in English
Academic organisation	Plant and Soil Sciences
Period of presentation	Semester 1

Module content

Determining resource potential of land on the basis of botanical composition, vegetation cover, animal grazing and browsing potential, water quality, soil quality, chemical, physical and biological soil degradation, soil erosion and other important environmental processes. These are essential for integrated agricultural land use practices. Evaluation of grasses and other vegetation types in terms of environmental adaptation, acceptability and adaptability to a sustainable utilisation system and the management requirements of an integrated and adaptive management system.

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