



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA  
Faculty of Natural and Agricultural Sciences

The *Centre for Geoinformation Science* invites you  
to a research seminar presented on:

## ***Python scripting for Geoprocessing*** by Yvette Bevis, ESRI South Africa

Python is a powerful scripting language commonly used to automate tasks. It can be written and run in different environments, including ArcGIS. Python is similar to other object-oriented programming languages because it deals with functions, classes, and objects. ESRI has written a module for python, named ArcPy, that adds special functions, classes, and objects that deal specifically with ArcGIS and its components. The ArcPy module provides access to all the geoprocessing tools for tasks that you can perform in ArcGIS. This lecture will focus on the use of python for geoprocessing tasks and how to create custom tools using python.

**Date:** 24 October 2014

**Time:** 12h30 – 13h20

**Venue:** Geography 3-8, University of Pretoria

*Collect PLATO CPD points for multiple public lectures at UP.*

*Please use the University road entrance for easy access to the new parking garage.*