

Open Source Tools for Soil Scientists

Monday 10-11am 2004 PES

SSC 290 CRN: 41037

**spatial and statistical analysis in realm of soil science
ideas on data storage / management / presentation
case study approach to common tasks**

Software:

GRASS -- Geographic Information Systems (GIS)

R -- statistical / numerical modeling

GDAL / PROJ -- manipulation of geographic data

LATEX -- complex documents, citation management

Digital soil survey products: SSURGO / STATSGO

**Topics covered will focus on skill-based approaches,
allowing transferal of material presented in class to other
software packages. All software used in this course is
available for Mac OS, Windows, and Linux.**

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