

# **Resources for ESD development**

Soils data used in ESDs

Soil maps (ARC) and data tables: <http://soildatamart.nrcs.usda.gov/>

Download with an Access database template and import tables using their automatic import procedure

Can extract soil physical and chemical properties etc. by horizon.

And of course, NASIS for folks in NRCS....

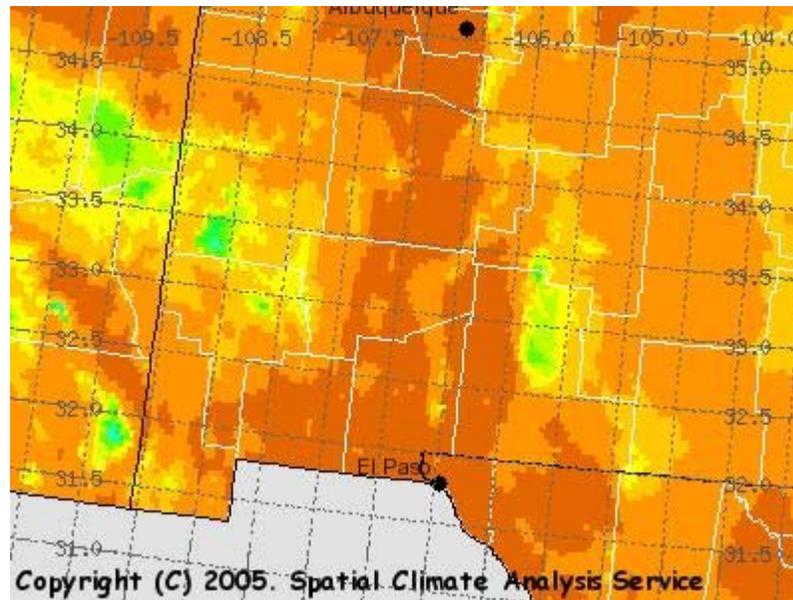
## Climate data used in ESDs

WETS and TAPS tables: [http://www.wcc.nrcs.usda.gov/climate/wets\\_doc.html](http://www.wcc.nrcs.usda.gov/climate/wets_doc.html)

PRISM geospatial data: <http://www.ocs.orst.edu/prism/> (Can download to ARC GIS)

[http://mistral.ocs.orst.edu/www/mapserv/nn/index.phtml?vartype=ppt&month=14&year0=1971\\_2000&year1=1971\\_2000](http://mistral.ocs.orst.edu/www/mapserv/nn/index.phtml?vartype=ppt&month=14&year0=1971_2000&year1=1971_2000)

Can use their map to query climate normals (1971-2000) by point and click on a map



DAYMET geospatial data: <http://www.daymet.org/>

1 km<sup>2</sup> resolution as opposed to PRISMS 4 km<sup>2</sup>, but only 1980-1997

## Literature used in ESDs

**Google Scholar:** <http://scholar.google.com/>

*Benefits:* Its free to all

Links directly to papers (.html or .pdf), often on personal websites  
Provides abstracts if not.

Search language <http://scholar.google.com/scholar/refinesearch.html>

**Scopus** database in National Agricultural Library (Digitop)

<http://www.nal.usda.gov.d2.nal.usda.gov/digitop/>

*Benefits:* Comprehensive

Links to web pages

\*\*\*But must be USDA

## Literature used in ESDs

*Problems:* Old papers/gray literature are often not well represented on the web

Can find in AGRICOLA in NAL, but they are hard to get

Some easy solutions:

### **Journal of Range Management Archives:**

<http://saint-denis.library.arizona.edu:4000/cgi-bin/JRMLogon.cgi>

*Benefits:* Its free to all

Links directly to papers (.pdf) to 1948

### **JSTOR Ecology Journals:**

<http://www.jstor.org/browse#Ecology+&+Evolutionary+Biology>

*Benefits:* Links directly to papers in the journals Ecology and Ecological Monographs to 1920, back when folks wrote about rangelands.

\*\*\*But must be associated with a university

Literature used in ESDs

Other folks have synthesized literature!

**Fire effects information system:**

<http://www.fs.fed.us/database/feis/plants/index.html>

*Benefits:* Its free to all

Provides reviews of effects of fire on common plants, as well as general ecological characteristics, regeneration strategies, grazing effects, nutritional value, palatability etc.

Great way to find obscure references

*Drawback:* Statements are interpretations of interpretations, sometimes better to see original source...

Links to other classification systems

Other folks have synthesized literature!

**NatureServe Explorer:**

<http://www.natureserve.org/explorer/>

*Benefits:* One day maybe we can use this to create maps of states

*Drawbacks:* No soils, community (association) naming conventions do not account for ecological processes

(e.g. If it has any Larrea it's a Larrea community...)