

Invigorating Soil Science From the Ground Up

What can we do?



R.C. Graham, UC Riverside

A New Perspective -- 2007



UC White Mountains
Research Station
GLORIA project meeting
(**G**lobal **O**bservation **R**esearch
Initiative in **A**lpine **E**nvironments)



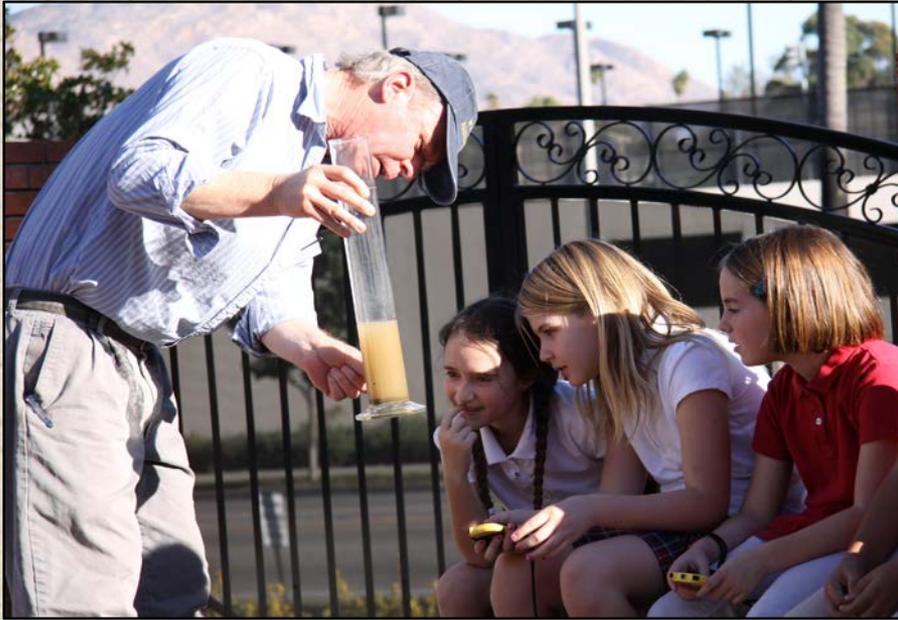
How can we invigorate soil science?

- Cultivate interest & enthusiasm
 - ours & others
- Develop connections & community

Cultivating interest & enthusiasm

Some examples...

Interest & Enthusiasm: Guest Presentations



Interest & Enthusiasm: Science Fair Projects



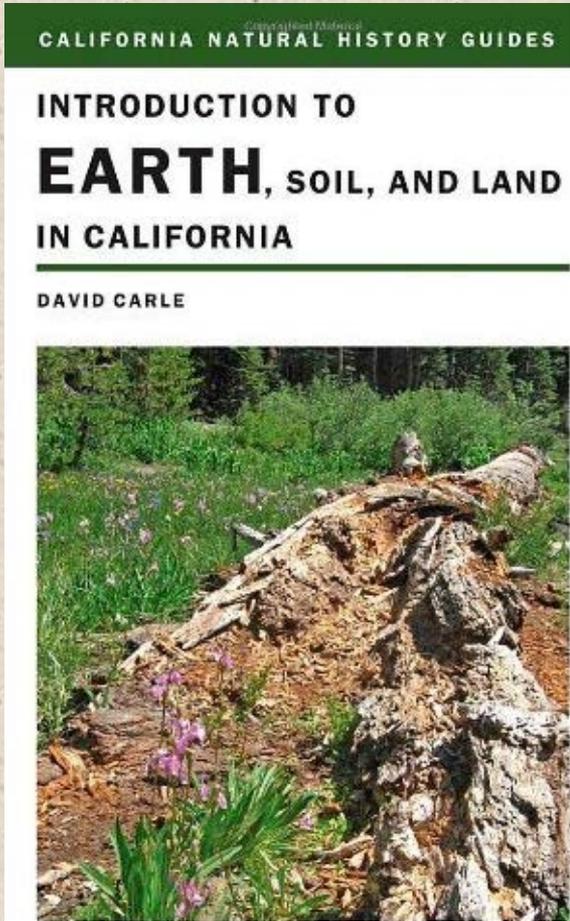
Interest & Enthusiasm: Indulge Curiosity



Soil Horizons

March-April 2012

Interest & Enthusiasm: Writing



Fiction ...

Interest & Enthusiasm: YouTube

YouTube

amazing dilatant soil



Browse

Movie

Amazing dilatant soil

Chris Savastio, NRCS

savastio



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7 videos



0:04 / 0:48



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- Soil Features
- Processes
- Uses
- Description

Interest & Enthusiasm: Art



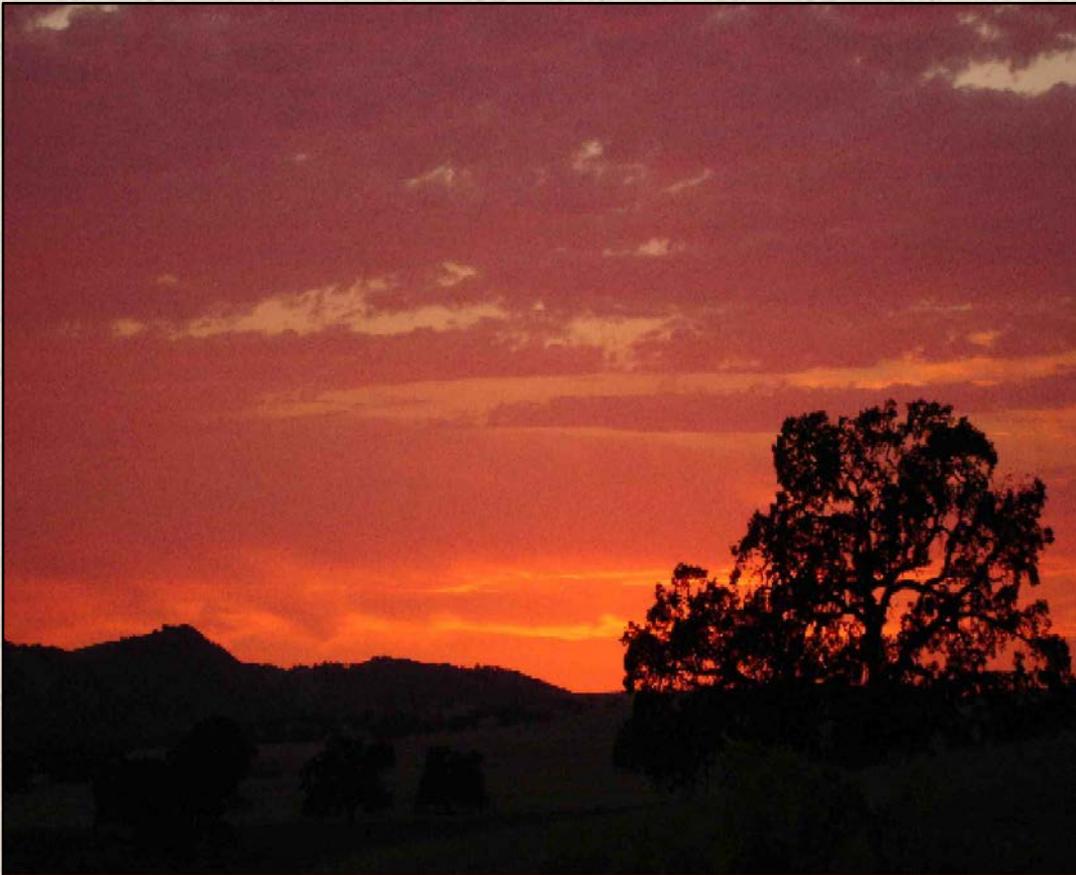
Amity at Schmidt Farm



Jay Noller, OSU

Acrylic on clayboard panel, framed 18" x 24"

Interest & Enthusiasm: Soils & Wine



PASO ROBLES: AN AMERICAN TERROIR

by

Thomas J. Rice, Ph.D. and Tracy G. Cervellone, C.W.E.

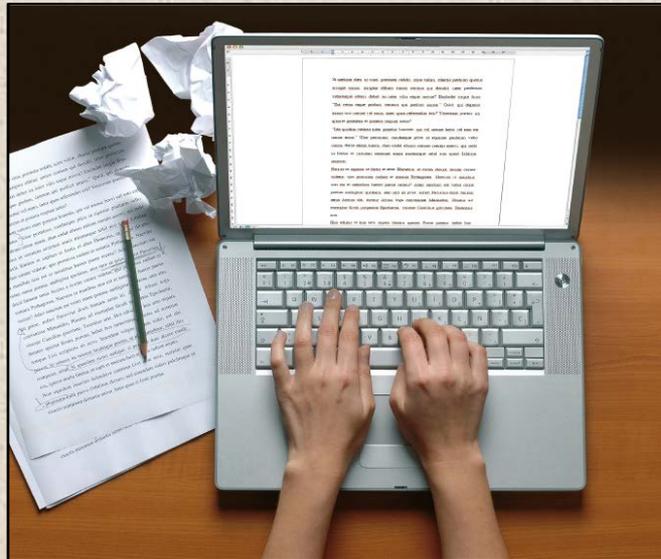


Tom Rice, Cal Poly SLO



*Interest &
Enthusiasm:*

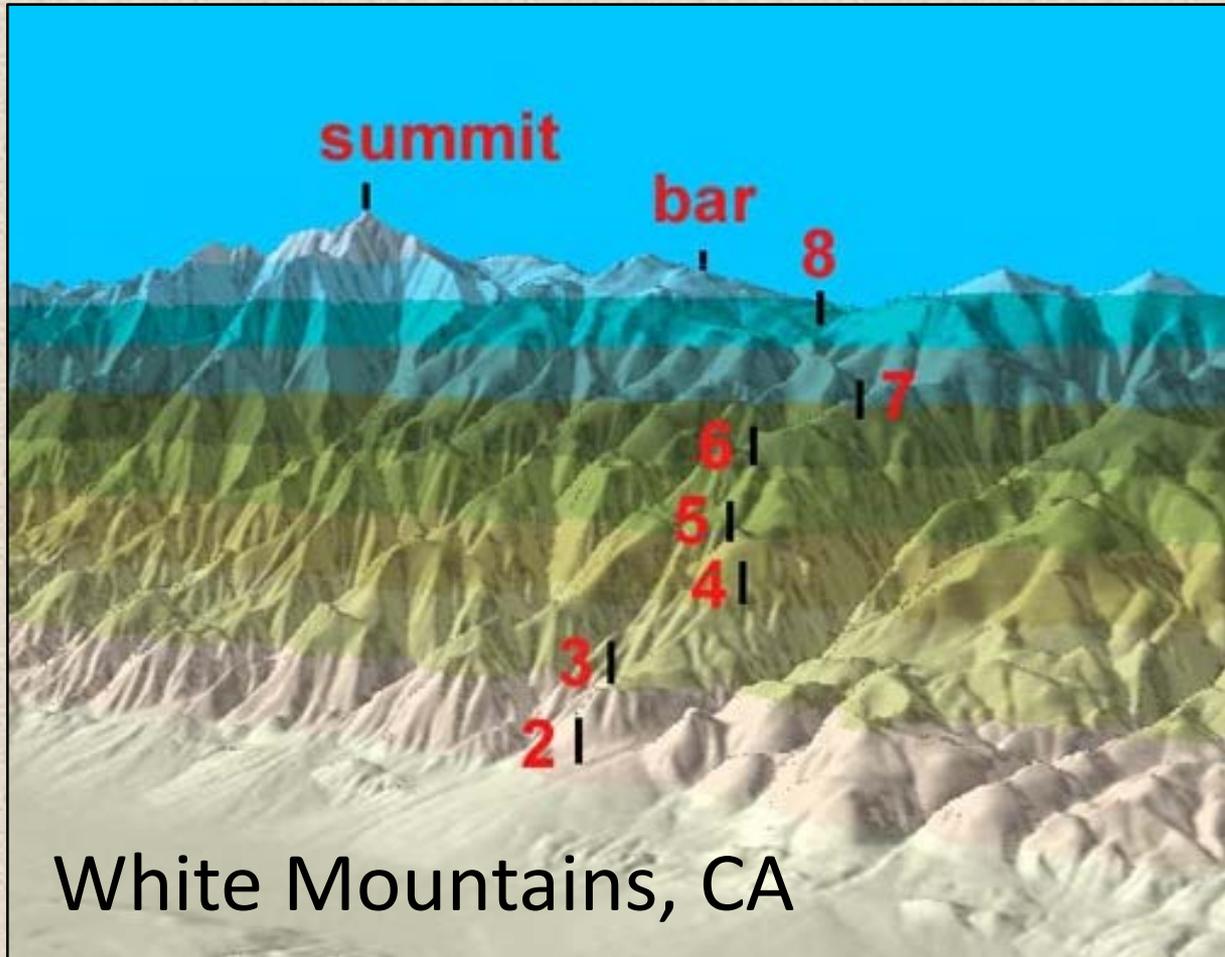
*Apply our
ideas, talents,
& interests.*



Developing connections & community

Some examples ...

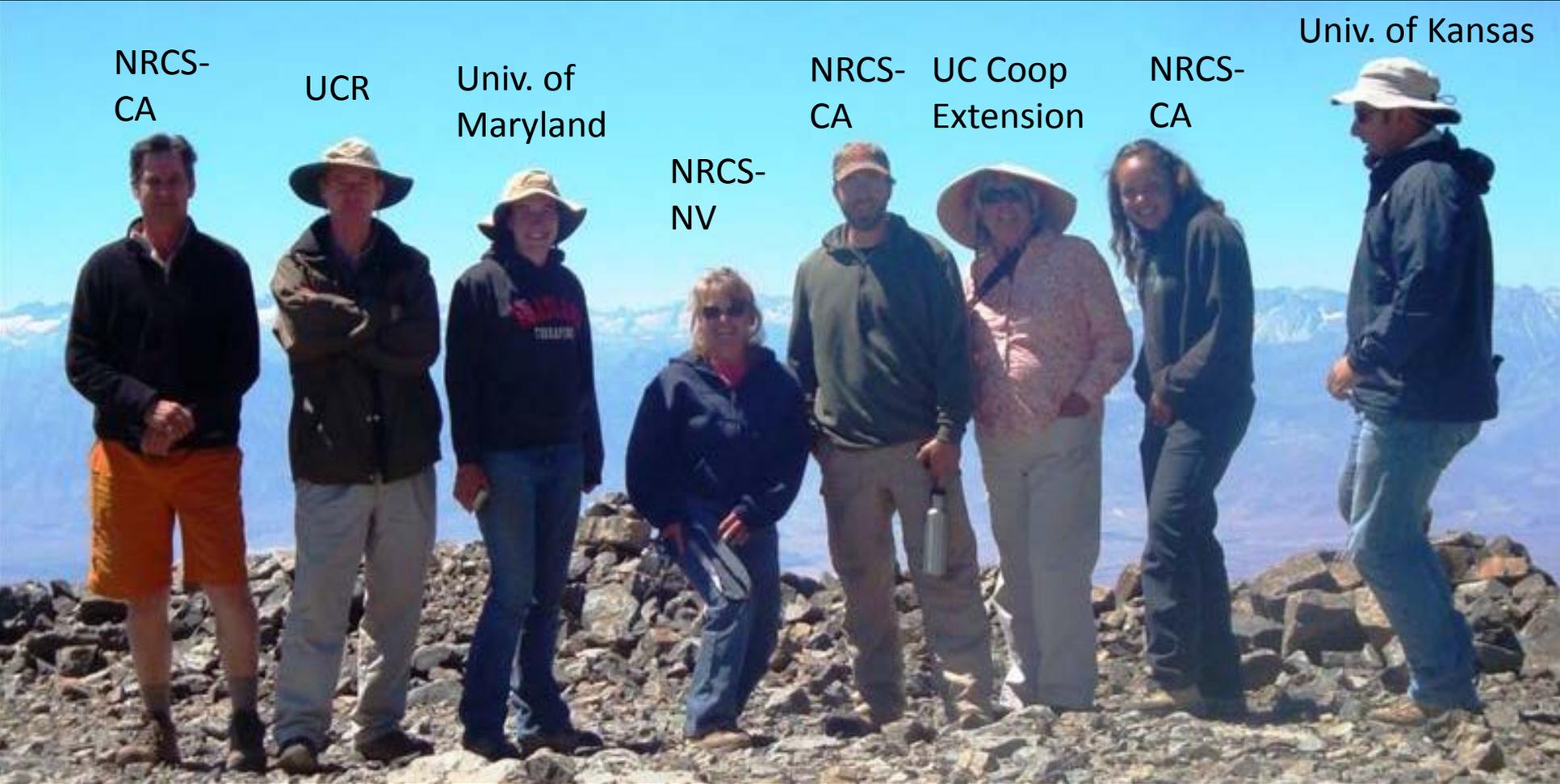
Connections & community:
Collaborative Projects:





Connections & community: Collaborative Projects

Some Collaborators on White Mtn. Summit



Others from: NSSL, Univ. Kentucky, NRCS-IL, USFS-PSW, Klamath NF, Delaware Valley College (PA)

Connections & community: Meetings & Field Trips

Soil Science Society of America



Connections & community: Meetings & Field Trips: Regional Organizations



California Forest Soils Council, Yosemite NP

Connections & community: NCSS Field Reviews



Mojave National Preserve

Connections & community: Impromptu field trips



Univ. of Arizona, UC Riverside, NRCS

Connections & community:

Who should be included on field trips & collaborative projects?

- Professional Soil Scientists
- Students
- K-12 Teachers
- Other Citizens

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Summary

What Can We Do To Invigorate Soil Science?

- Cultivate your own enthusiasm
- Nurture our community
- Expand it
 - Students
 - Teachers
 - Citizens
- Enjoy Soils!

