Santa Rita Updates:

Research, NEON, Sahuarita, and Renovations

RISE Symposium

02 October 2010

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Director for Research
Santa Rita Experimental Range

Research Update: since October 2009

- *7 new Range Use Applications approved*
- *26 Current projects*
- *5 projects completed*

- *12 new publications (including in press):*

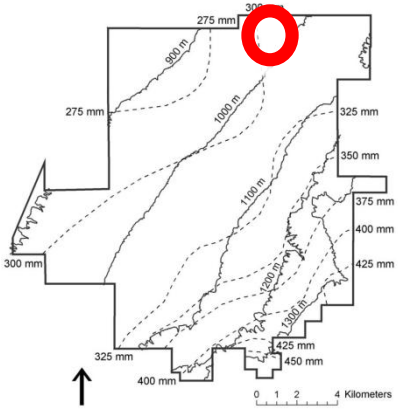
  Russ Scott: had 4 including

  Scott, R.L. 2010. Using watershed water balance to evaluate the accuracy of eddy covariance evaporation measurements for three semiarid ecosystems. Agricultural and Forest Meteorology 150:219-225.

NEON Update: since October 2009

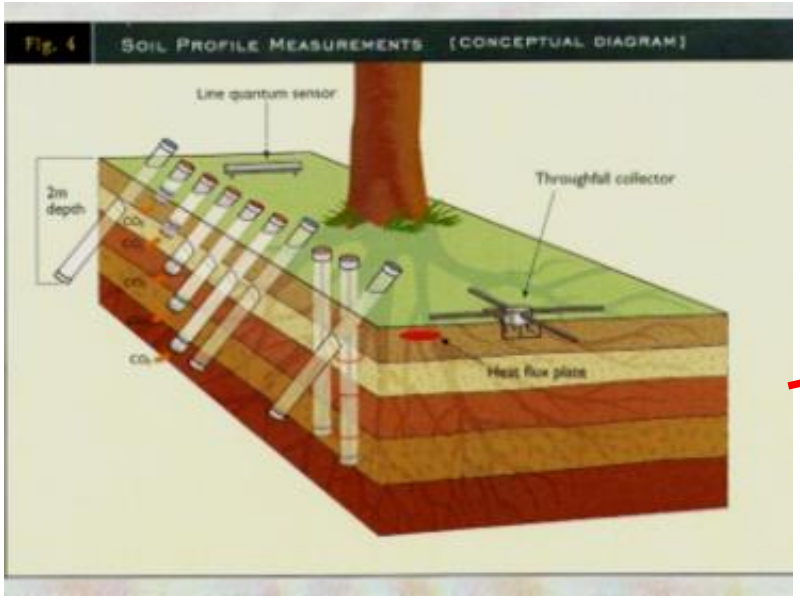
- *Fundamental Instrument Unit (FIU) site visit (Aug 2010)*
- *FIU permitting process ongoing*
- *possible construction start January 2012*

Fundamental Instrument Unit (FIU) Towers and Soil	**Drivers:** Temp, Humidity, Wind, PPT, Insolation, CO_2, O_3, NO_X **Responses:** fluxes of C, H_2O, energy

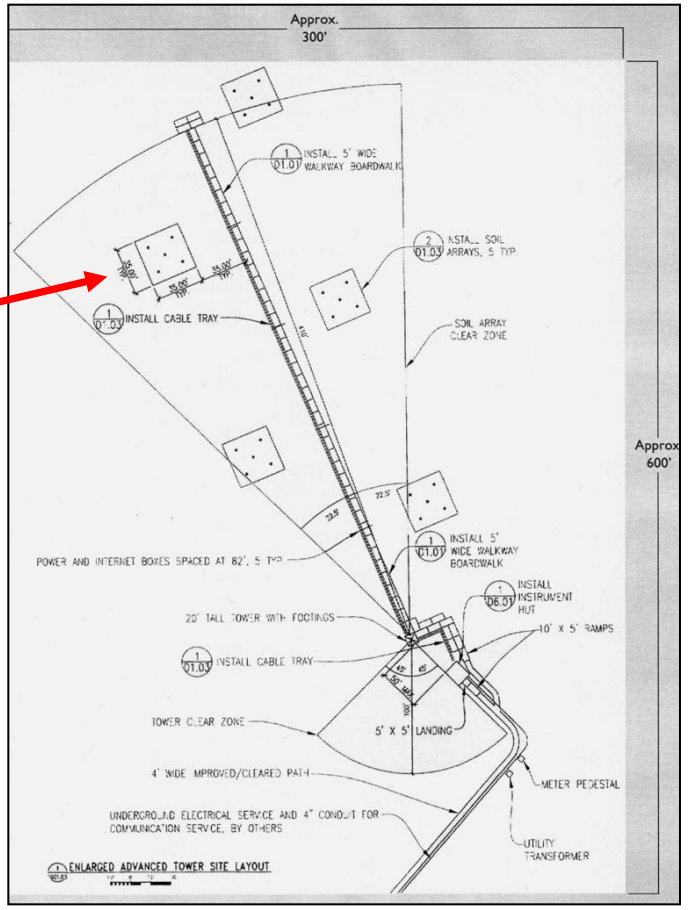


NEON Update: since October 2009

- *Fundamental Instrument Unit (FIU) soil sensors*



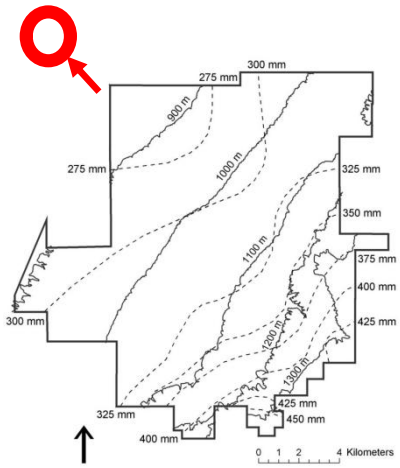
Mini-rhizotron, H_2O, temp, CO_2, heat flux, quantum, and throughfall

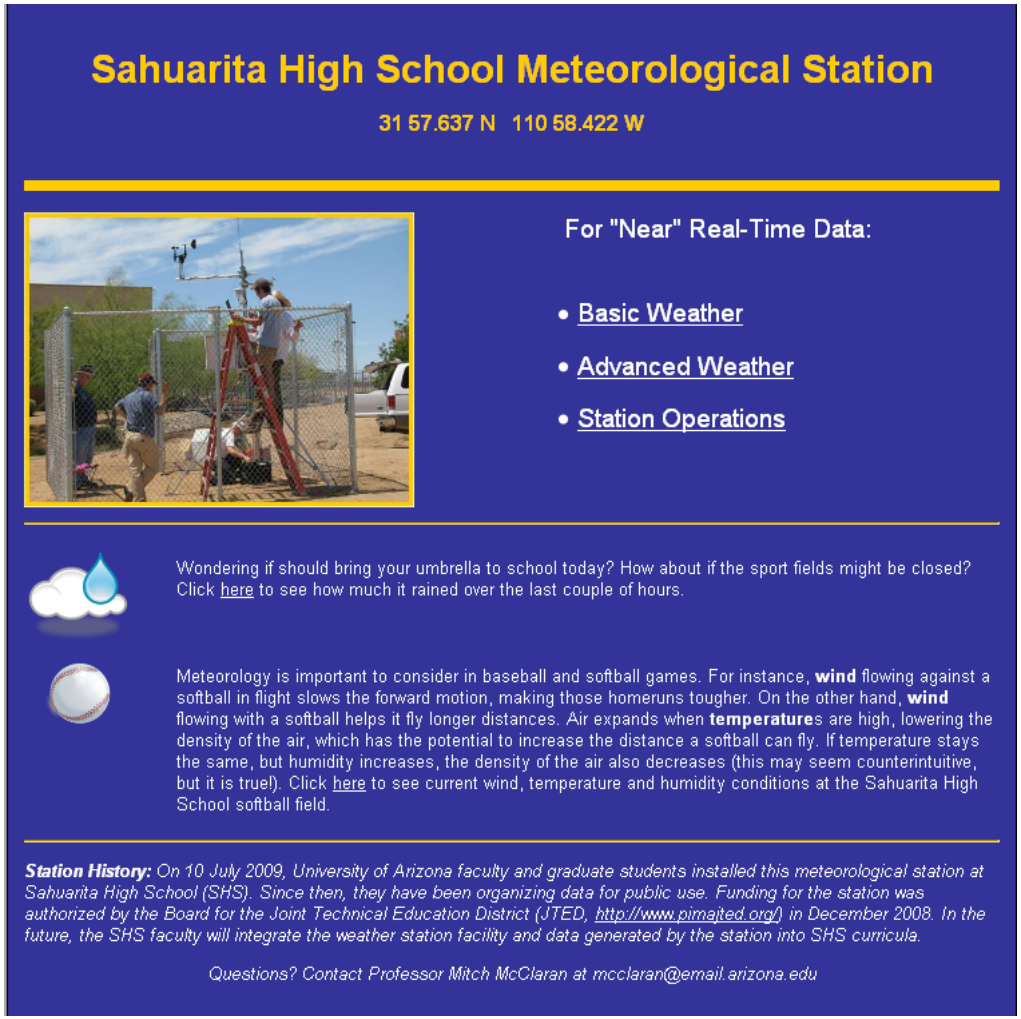


Sahuarita High School Weather Station

- *on-line access beginning April 2010*

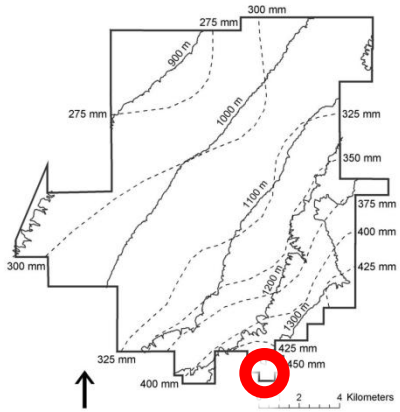
http://sahuarita.cals.arizona.edu/

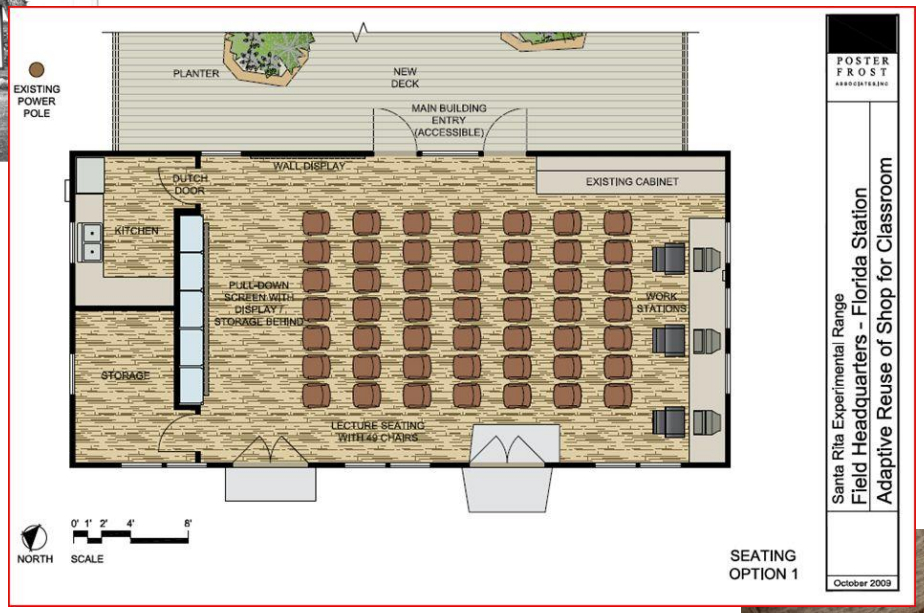




Headquarters Renovation Update:

- *sewer and building upgrades, new classroom*





~ $1,000,000 Federal Stimulus Funds


Welcome to RISE #7