Open Range Consulting Gregg Simonds & Eric Sant

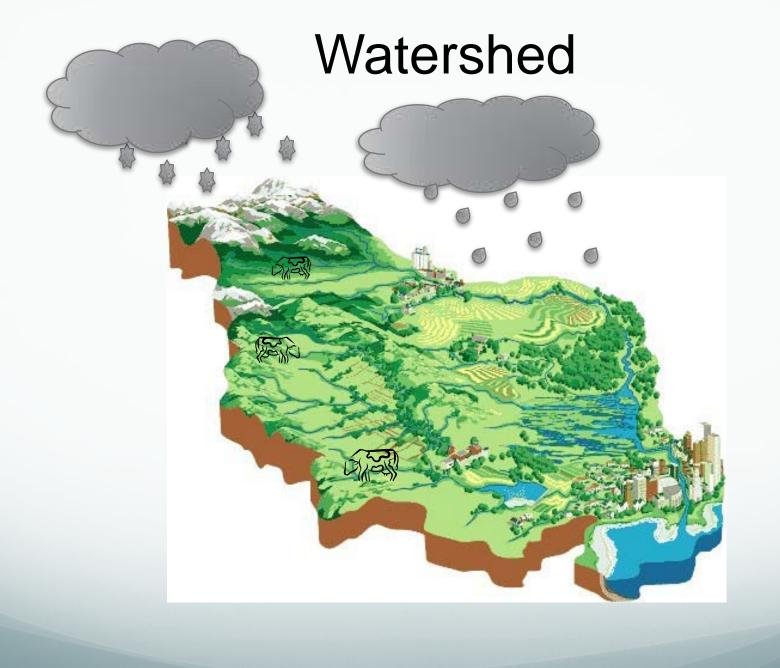




Is the area of land where surface water from rain and snow converges to a single point,



"that area of land, a bounded hydrologic system, within which all living things are inextricably linked by their common water course and where, as humans settled, simple logic demanded that they become part of a community." John Wesley Powell.



Water Sequestration

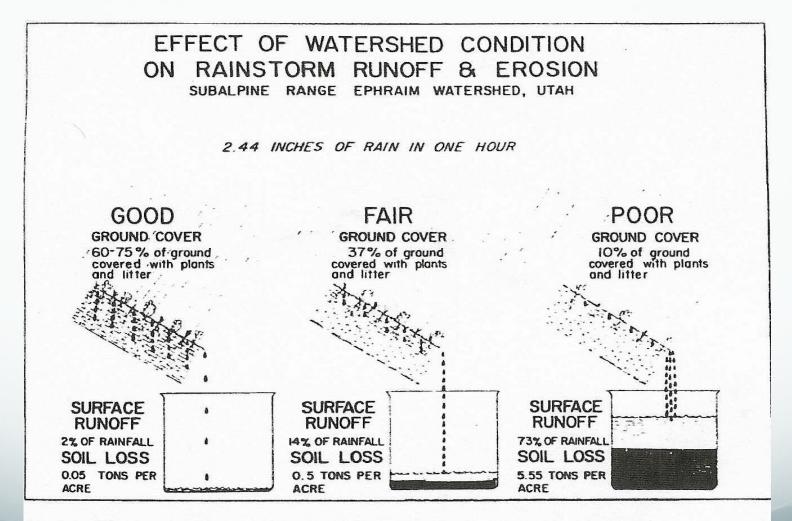
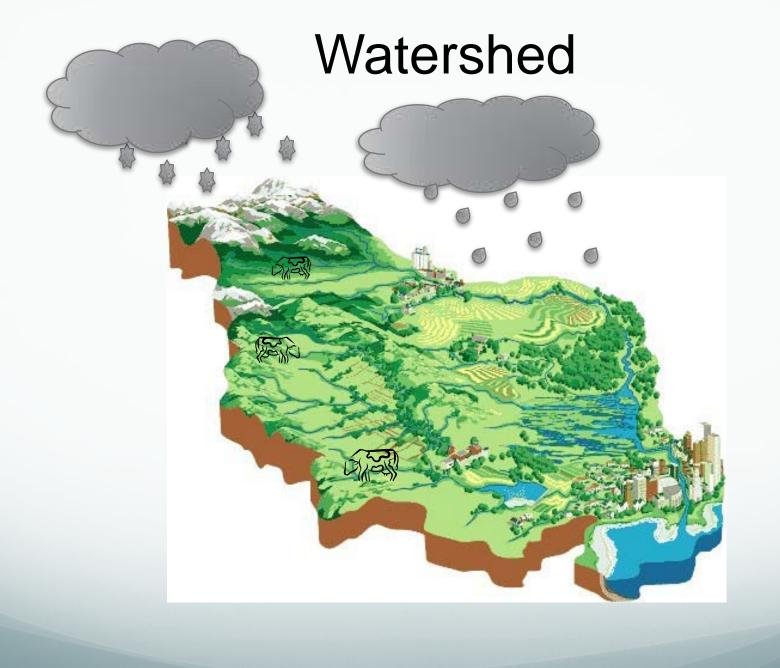
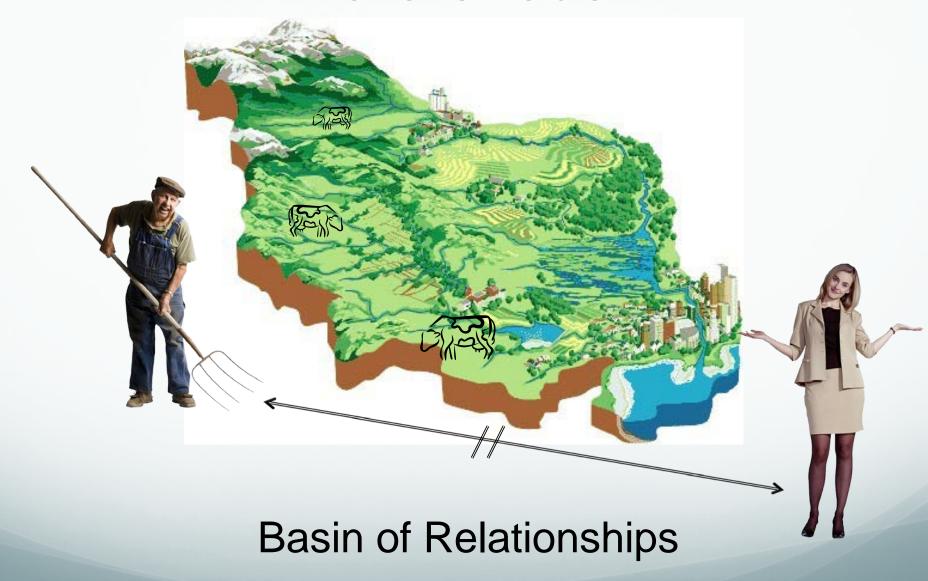


Fig. 6-9. Effects of various densities of ground cover in controlling overland flow and soil erosion (from Bailey and Copeland 1961). (Multiply t/acre by 2,250 to obtain kg/ha).









New Methods for Assessing Watersheds

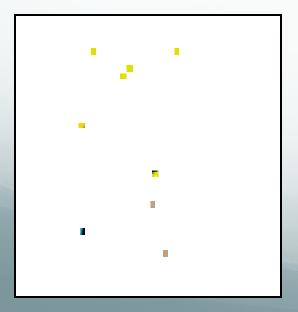


- Measure Everywhere
- Go back in time (40yrs)
- Valid
- Cost Effective

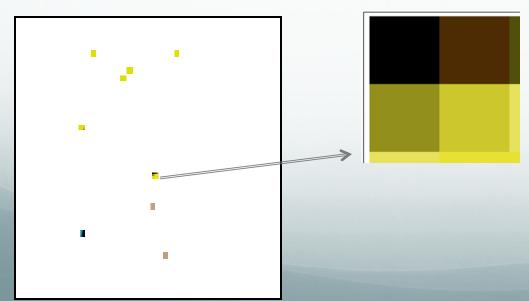
New Methods for Assessing Watersheds



Historical Landscape Assessment

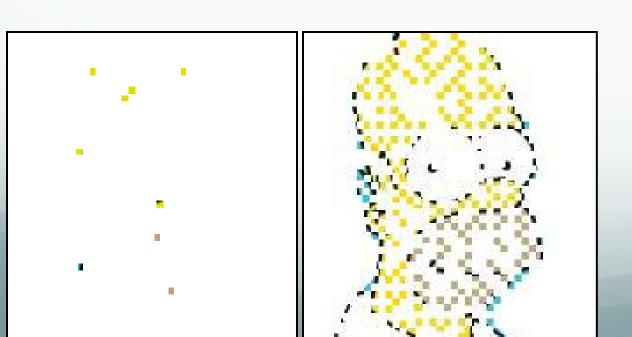


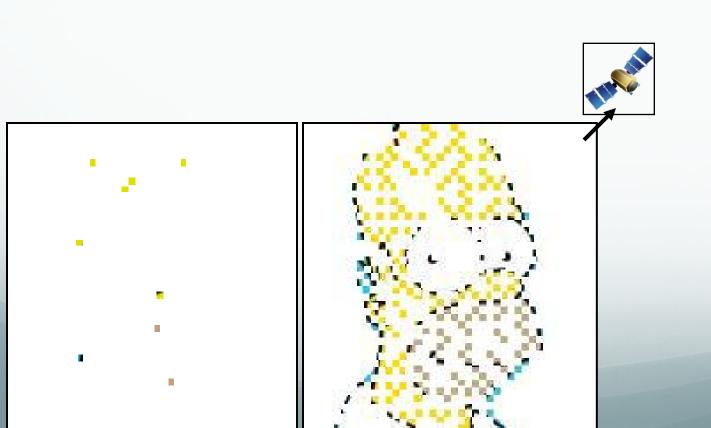
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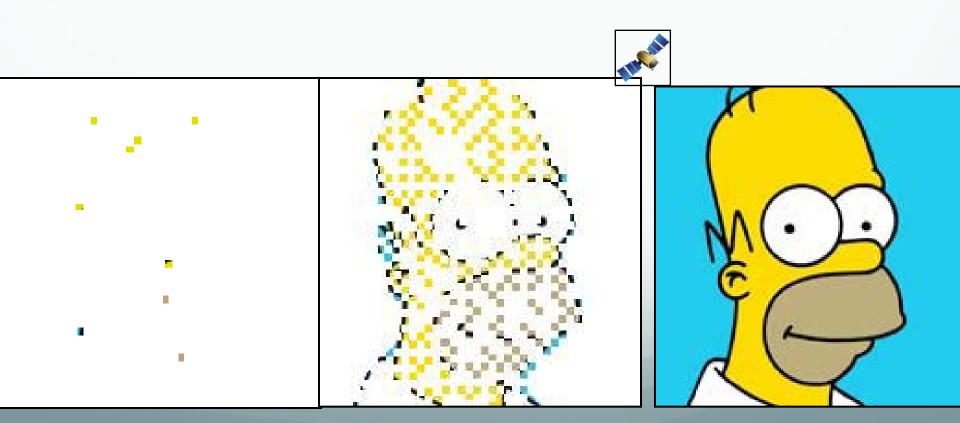


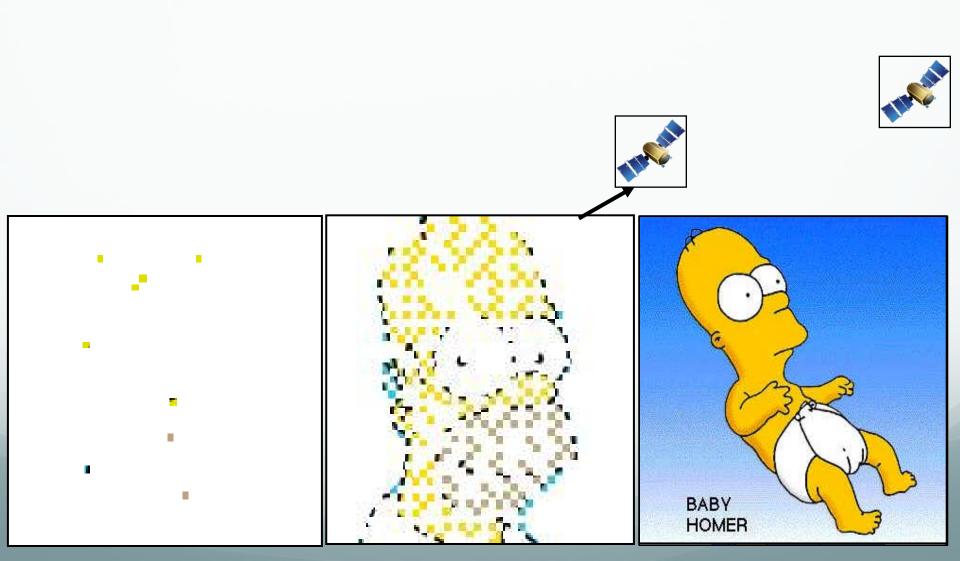


Historical Landscape Assessm









Riparian Methodology

Important Functional Cover Groups

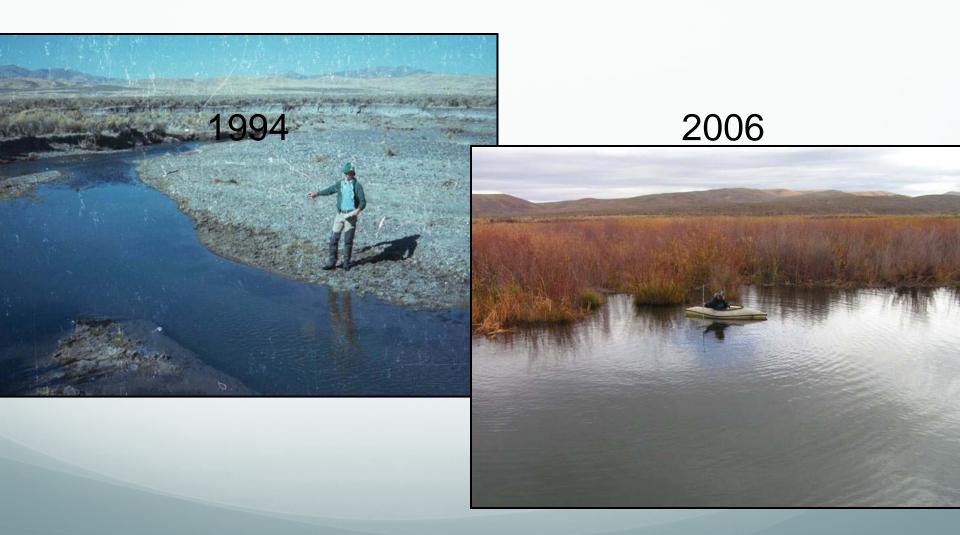
Upland Veg.

Bare Ground

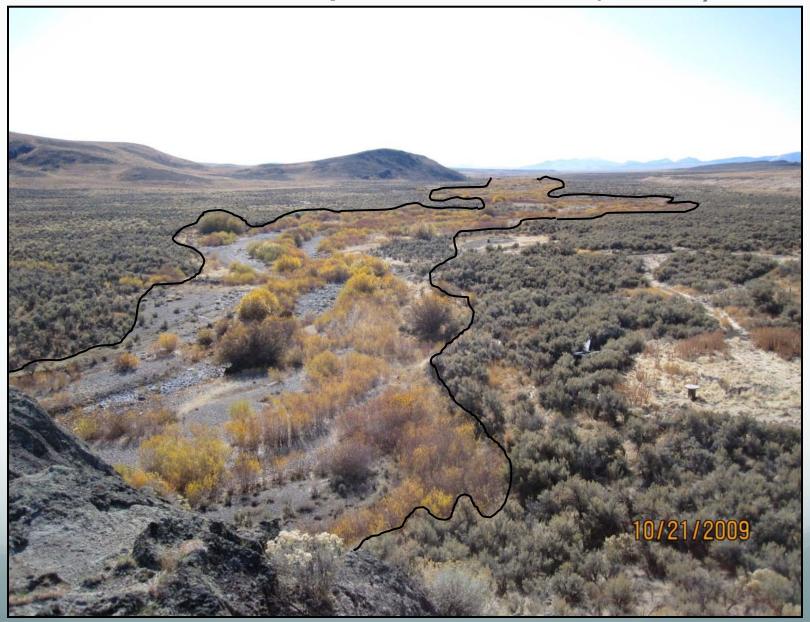
Riparian Veg.

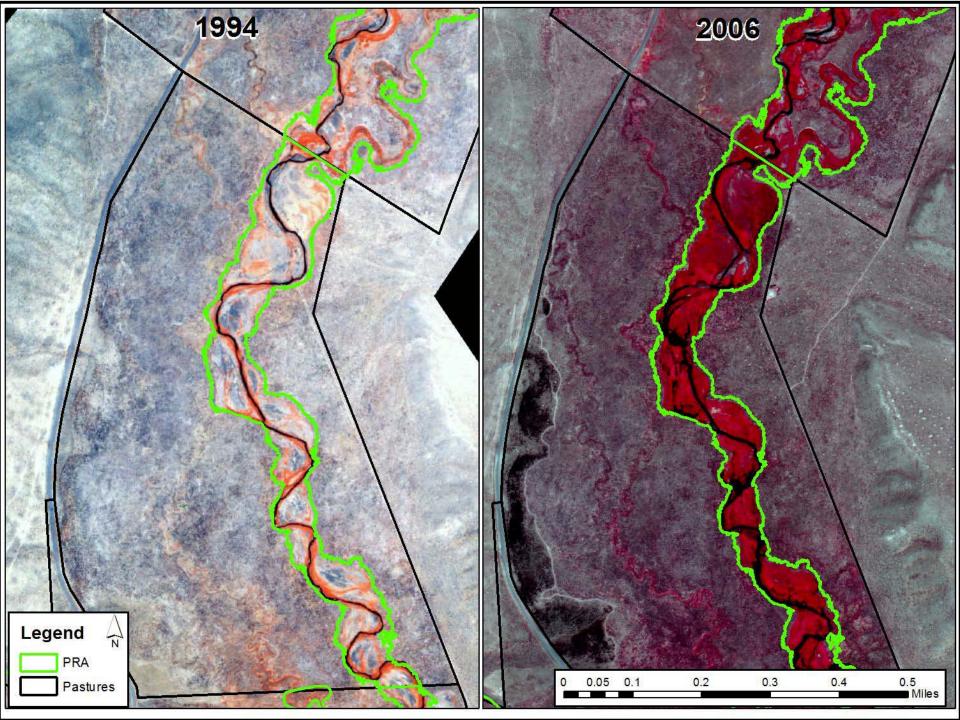
Water

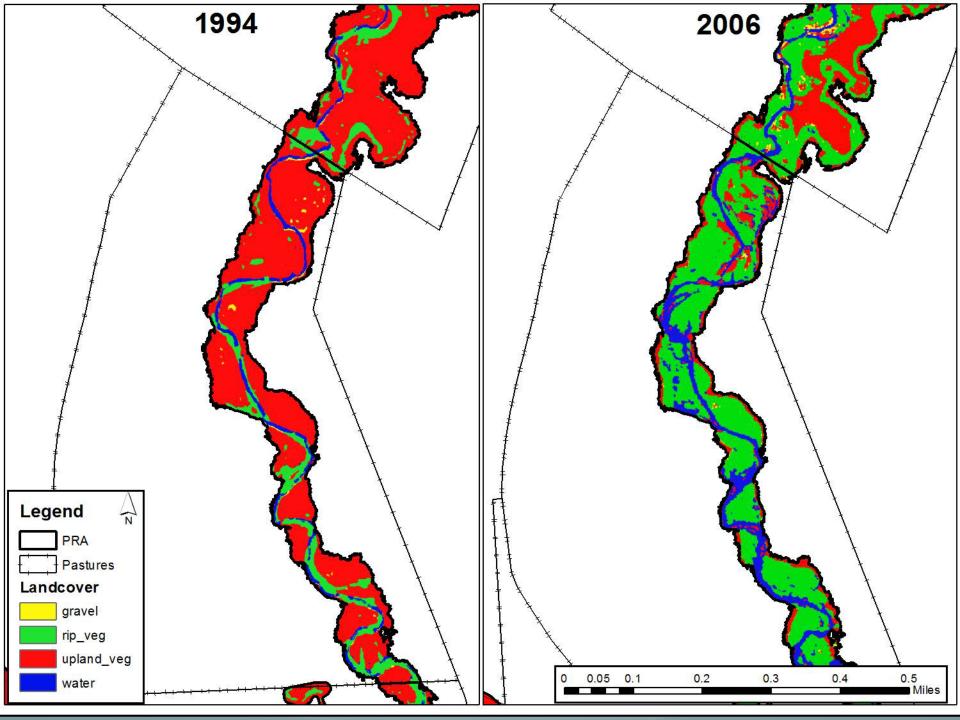
Monitoring Watershed Change

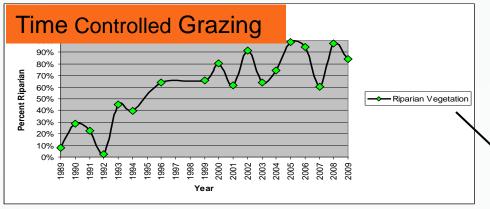


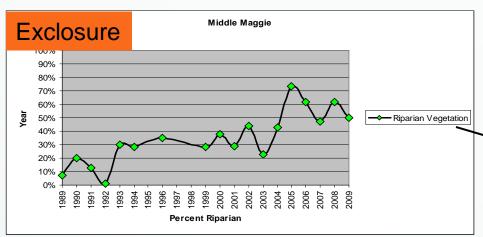
Potential Riparian Area (PRA)

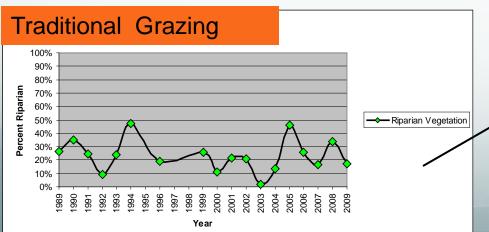


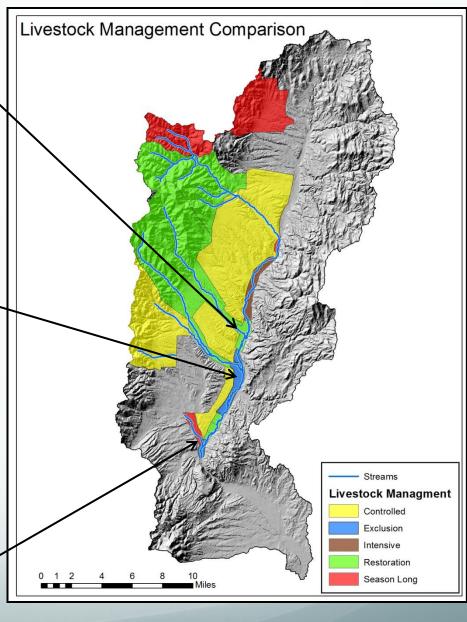


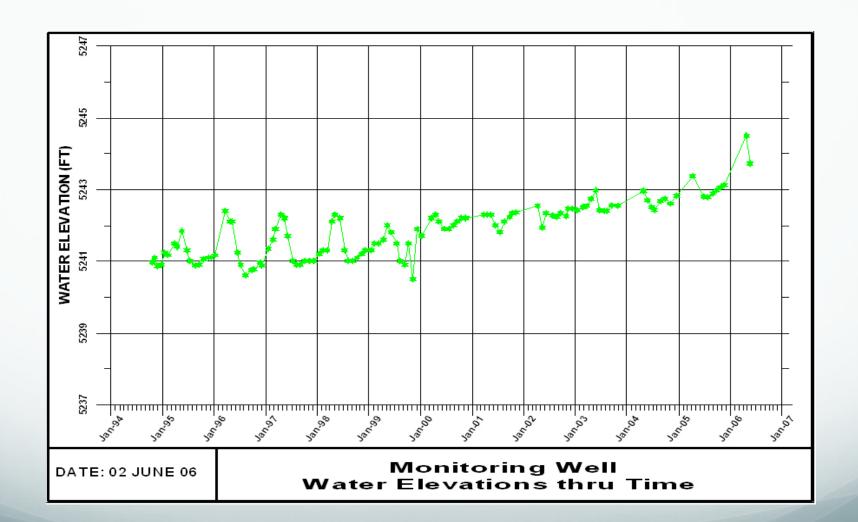


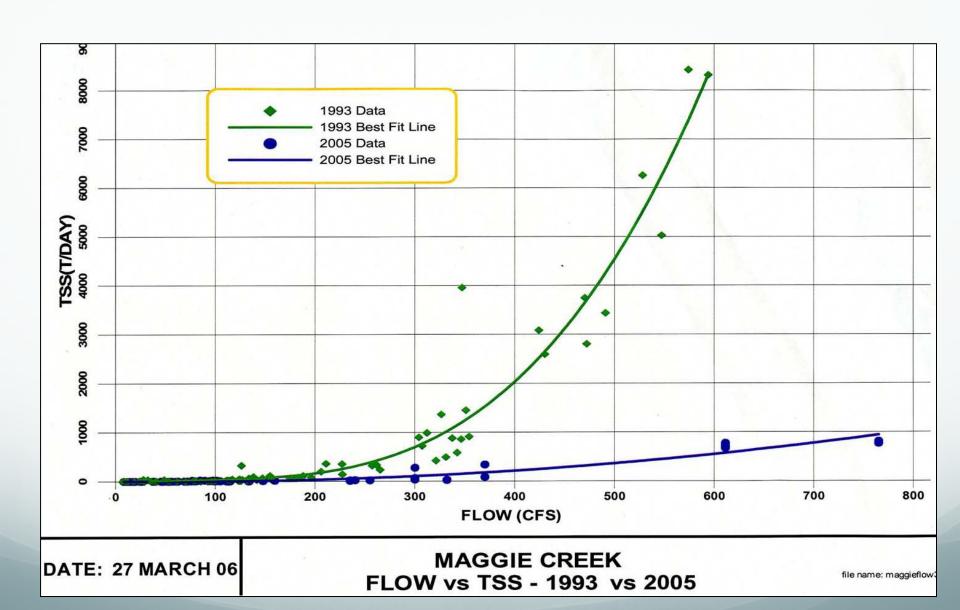




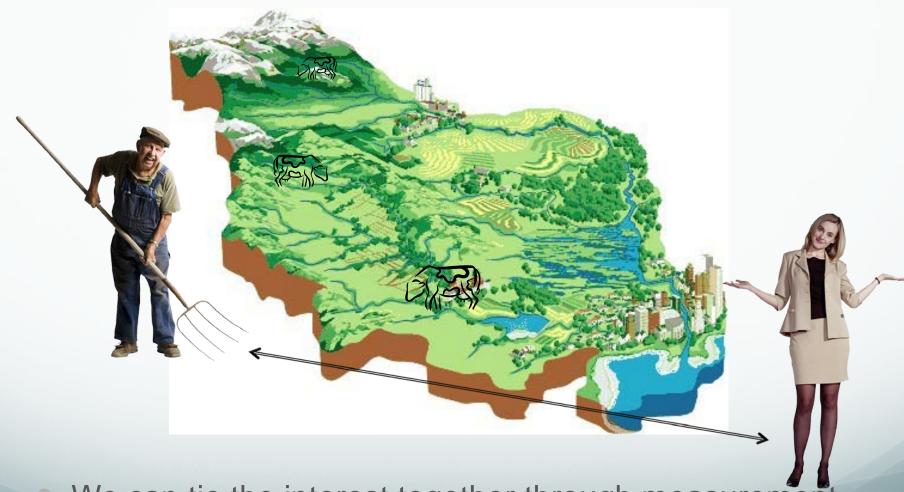








Conclusion



We can tie the interest together through measurement.

Creating a more vital environment and economy