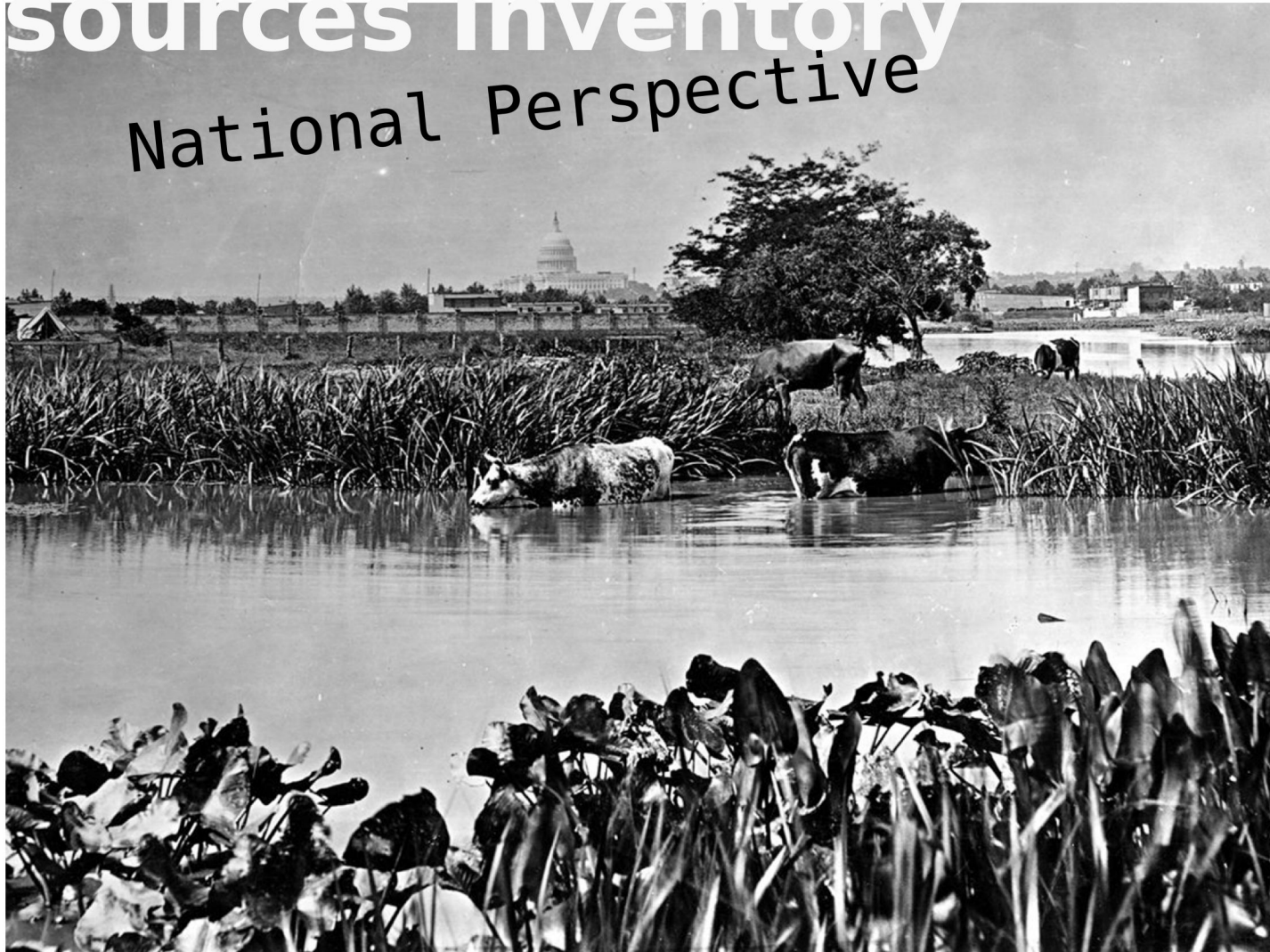


# Pastureland National Resources Inventory

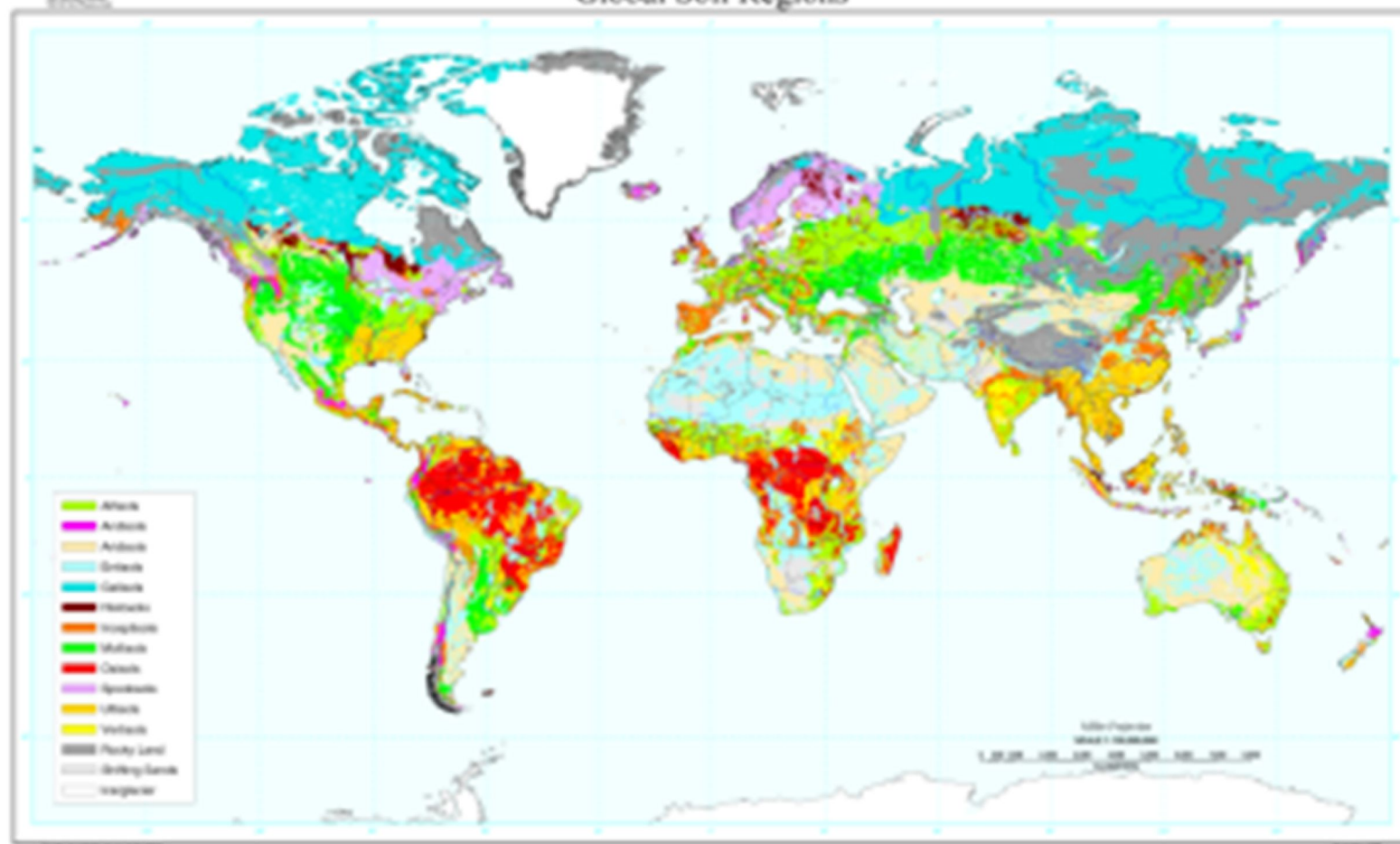
National Perspective



S. Brantly, National Range  
and Grazing Lands Ecologist



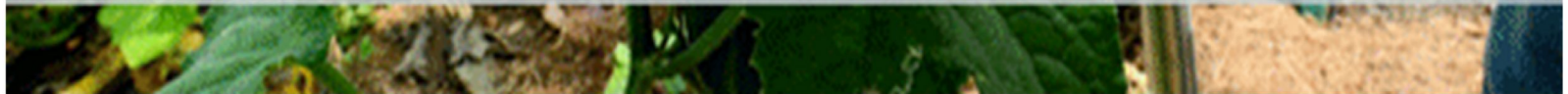
# Global Soil Regions



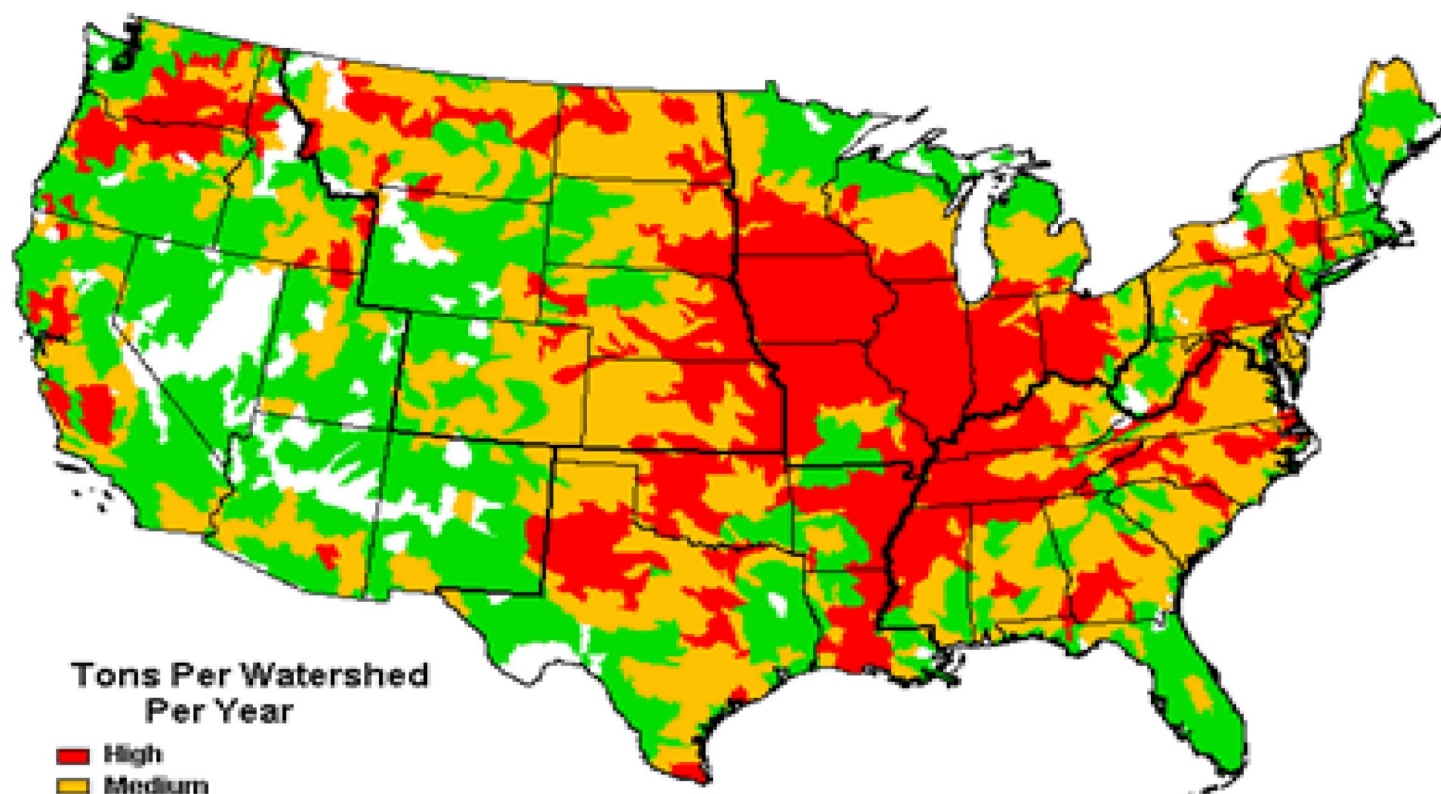




Snapshot of agricultural lands







**Tons Per Watershed  
Per Year**

- High
- Medium
- Low
- Zero
- NRCS Region Boundaries

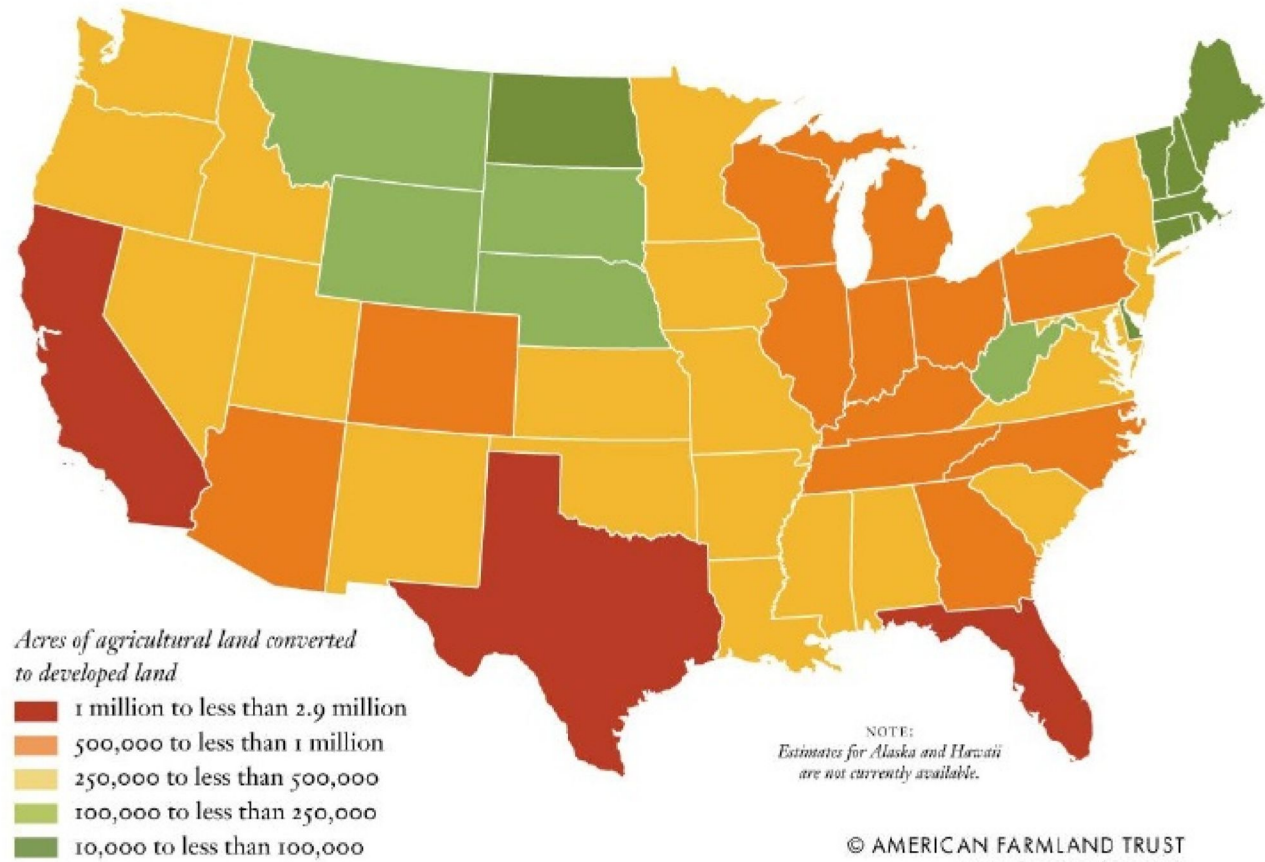


U.S. Department of Agriculture  
Natural Resource Conservation Service  
Resource Assessment and Strategic Planning  
Washington, D.C. June 1997





## Every state lost agricultural land.



NOTE:  
*Estimates for Alaska and Hawaii  
are not currently available.*

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www.farmland.org/nri

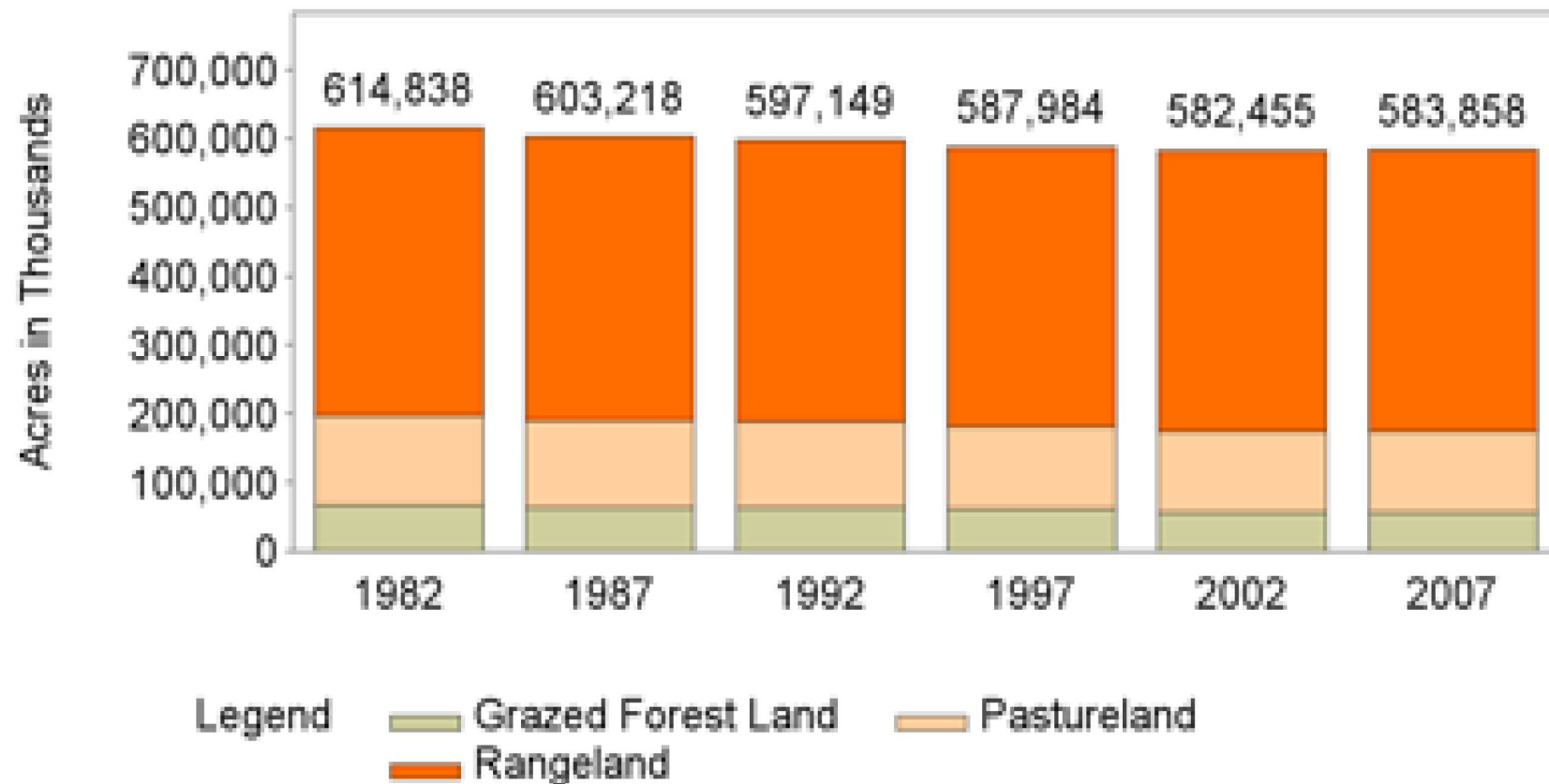


# What Do We Know?



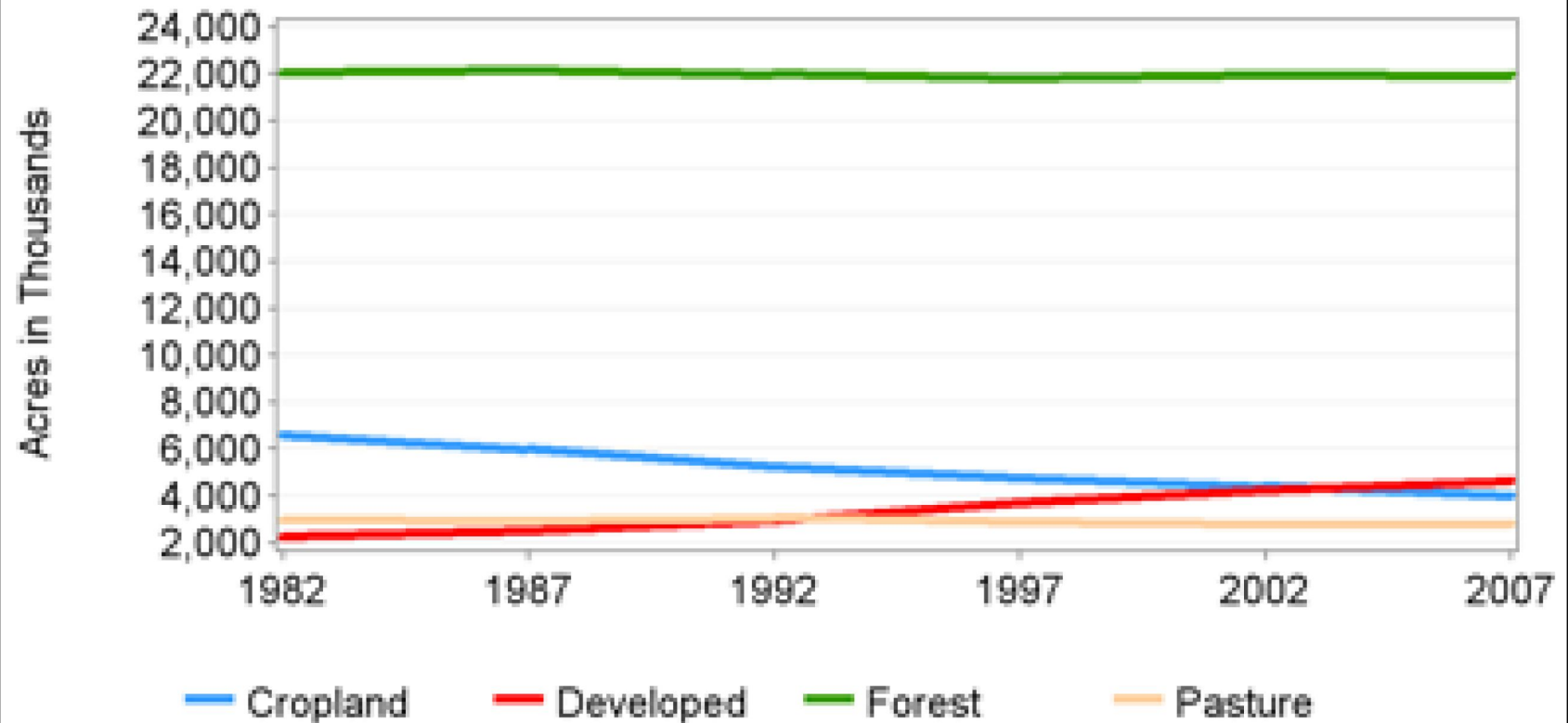


## Non-Federal Grazing Land, 1982 to 2007





**Selected Land Cover/Uses, 1982 to 2007**





We've Been Collecting Data . . . . 2009, 2010,  
2011, 2013  
What Do We Have Now?



**2013, Nationally we collected data from 600 Pastureland Segments (1-2 points per segment)**

**Pastureland NRI is funded for 2014. Karla Curtis has shared the individual States funding with them.**

**The 2014 data collection will span 600 Pastureland Segments as in 2013.**

**The 2013 and 2014 data are spaced across the U.S. and are not clustered, providing national , representative data for national interpretation options. As**



**In 2013, data was collected on segments that were part of the on-going NRI aerial photo interpretation program; which adds value to the pastureland NRI program. Most of these sites were reviewed interpretatively in 2003.**

**The 2014 data collection is also from the photo interpretation program, with most sites reviewed in 2001.**





**What about the 2009, 2010, and 2011 data?  
Is it useful?**





Are we ready  
for 2014?





## **February 6, 2014 – 2014 Start-up calls**

- East region: 10 EST (9 CST, 8 MST, 7 PST)
- Central region: Noon CST (1 EST, 11 MST, 10 PST)
- Western region: 1 PST (4 EST, 3 CST, 2 MST)

## **February 18-20, 2014 – Protocol webinars**

- East region: 10 EST (9 CST, 8 MST, 7 PST)
- Central region: Noon CST (1 EST, 11 MST, 10 PST)
- Western region: 1 PST (4 EST, 3 CST, 2 MST)

## **National NRI Grazing Land Training Sessions Planned**

- February 24-28, 2014, in Tucson, AZ
- March 31-April 4, 2014, in Auburn, AL
- April 28-May 2, near Des Moines, IA

What about Forage Suitability Groups?

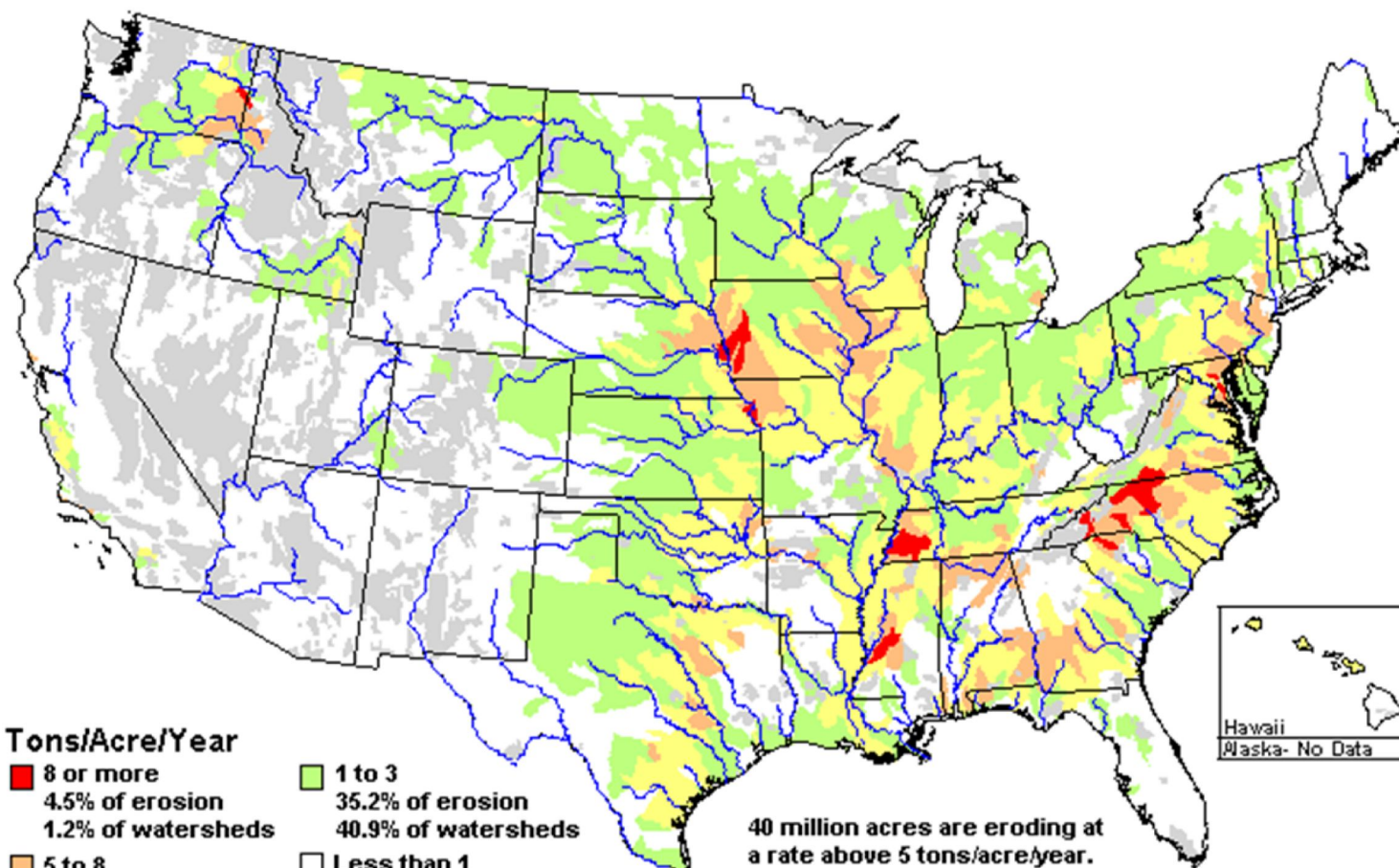




- Modify General sheet (left-most)
  - Drop apparent trend and Similarity index
  - Add grazing intensity, reasons not grazed
  - Add hayed (Y/N), and LCU (pasture-grass, pasture-legume, pasture-mixed)
- Replace the Production sheet with a Biomass sheet with rows:
  - Herbaceous – average ratio herbaceous dry wt to green wt
  - Total herbaceous biomass (lbs/ac)
  - Woody – species diameter
  - Woody – species count
  - Total woody biomass (lbs/ac)
- Drop FCAN (first canopy hit) sheet
- Replace Rangeland Health with Pasture Condition

- Drop Soil Aggregate Stability sheet
- Drop Basal Gap sheet
- Add Plant Height sheet
  - Row headers are species
  - 4 columns per point
    - Average height by species
    - Minimum ht by species
    - Maximum ht by species
    - Number of heights by species
- Include only points that are totally pasture
- Tables will be organized by state only.  
All points from the state will be included





\*Watersheds are defined as U.S. Geological Survey Hydrologic Cataloging Units (8-digit).



U.S. Department of Agriculture  
Natural Resource Conservation Service  
Resource Assessment and Strategic Planning  
Washington D.C. December 1999







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