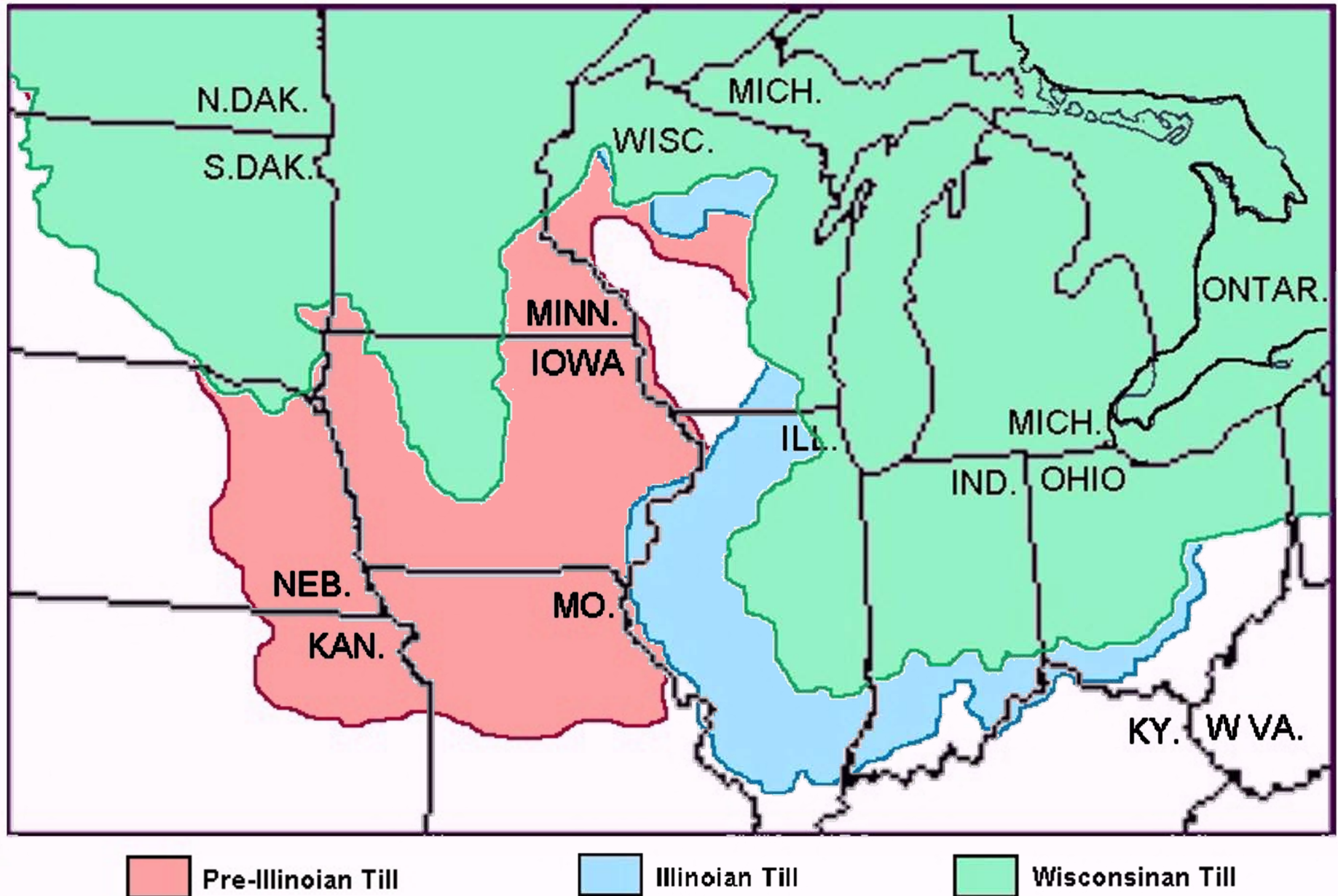


Publications

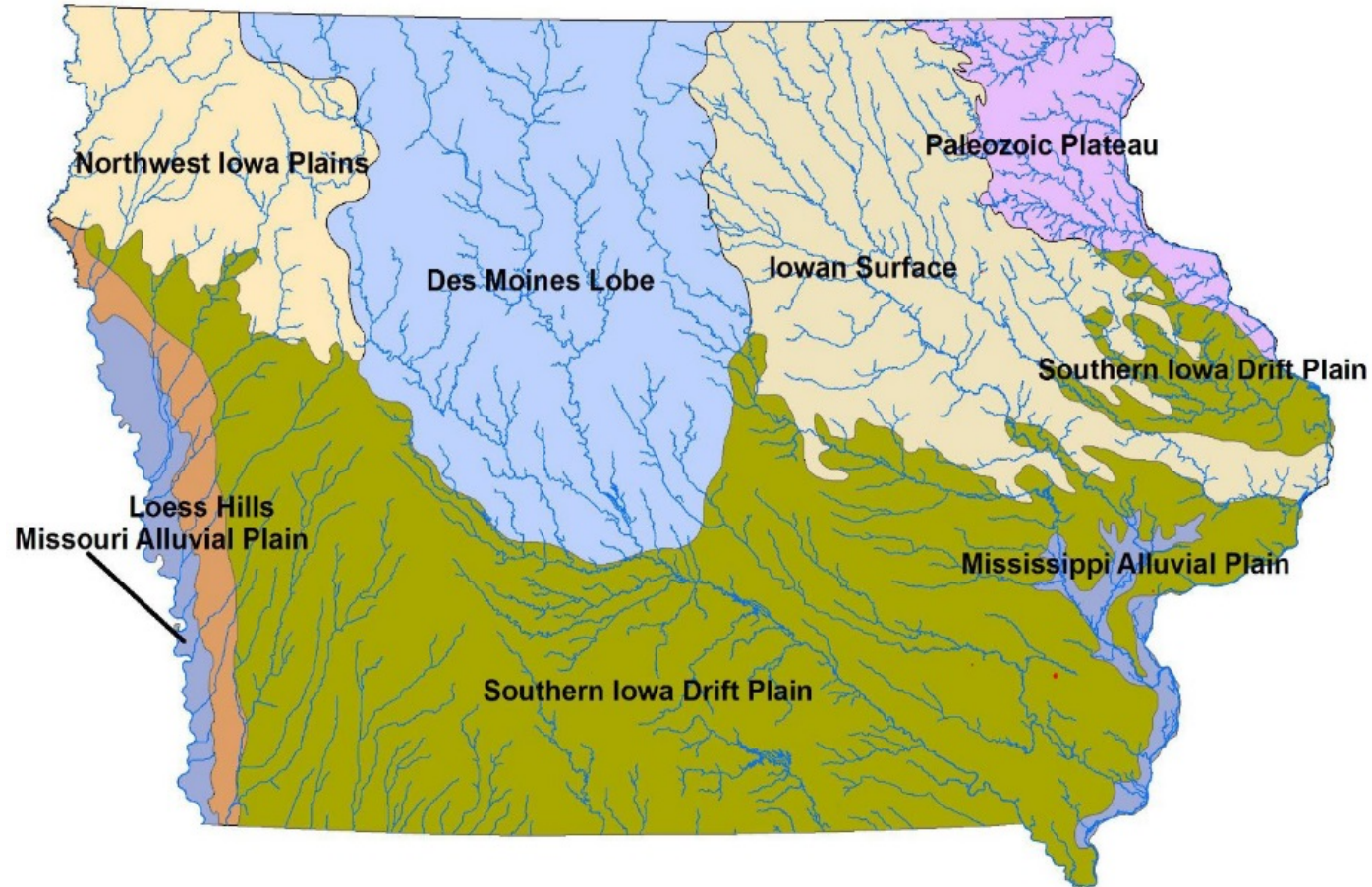
- Practice Assessment: 11
- Wetland Research: 10
- Stream and Tile Drainage Hydrology: 6
- Nitrate Dynamics Within Streams and Reservoirs: 5
- Policy: 4
- Golf Course Soils and Nutrients: 3
- Phosphorus Transport: 4
- Watershed Nitrate Loading: 3
- Livestock and Water Quality: 1
- Groundwater Nitrate Dynamics: 1
- Carbon Transport in Tile Drainage: 1

30,000 – 10,500 years



Slide courtesy of K. Schilling, Iowa Geological Survey

Iowa Landforms



Climate

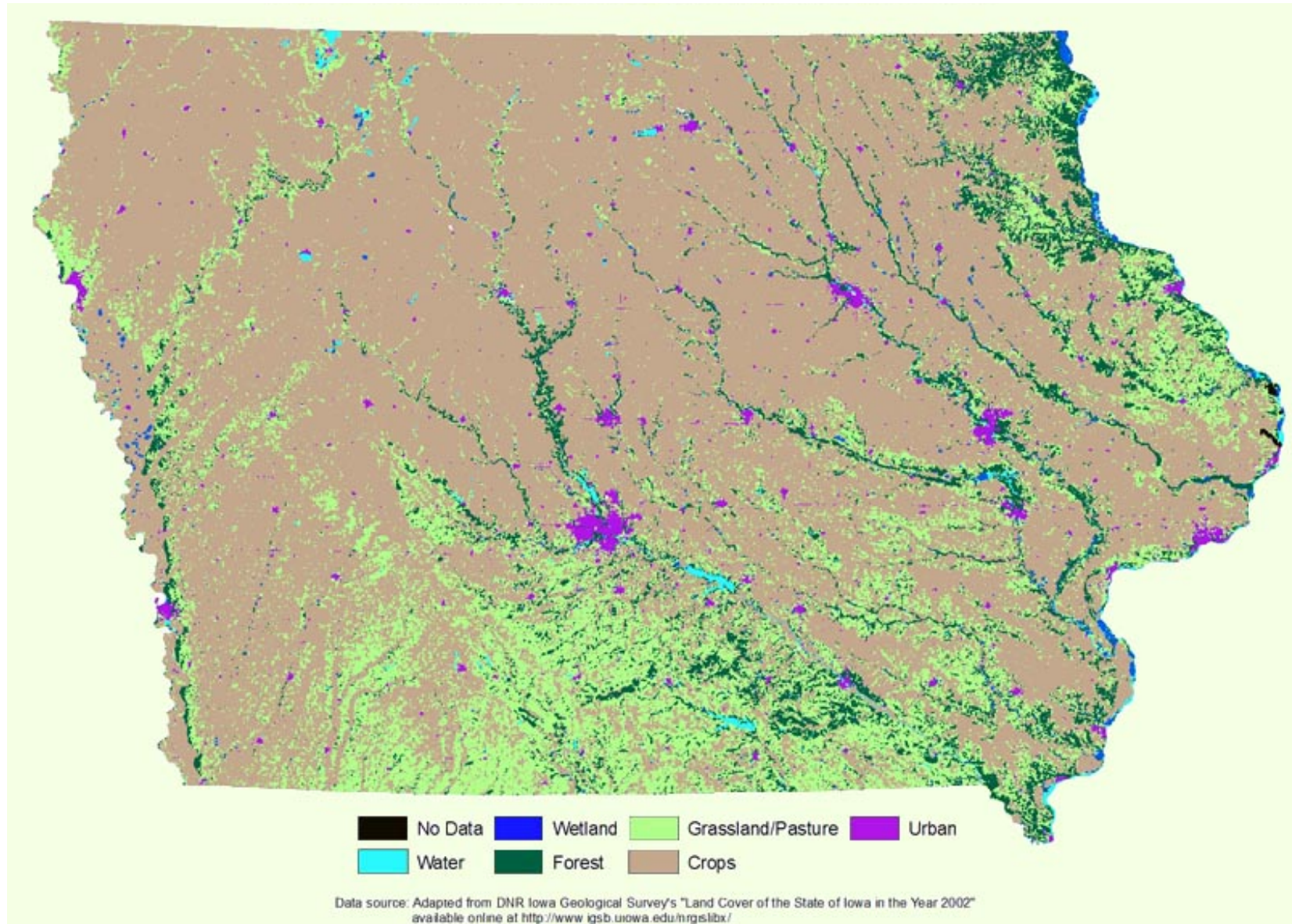
Millett, B., Johnson, W.C. and Guntenspergen, G., 2009. Climate trends of the North American prairie pothole region 1906–2000. *Climatic Change*, 93(1-2), pp.243-267.



Fig. 1 Map of the Prairie Pothole Region (PPR) of North America based on ecoregion classification (Omernik 1987, 1995)



Iowa Land Cover





Sandy or gravel bottom

Wide, shallow streams

**Gently-sloping banks
with vegetation**

**Water table close
to surface**

Perennial vegetation



Excavating a large ditch using steam power, circa 1910.



Hand digging tile, Boone Co. IA. ca 1914

Source: 'An Iowa album: a photographic history, 1860-1920' by M. J. Bennett, University of Iowa Press, Iowa City, Iowa

