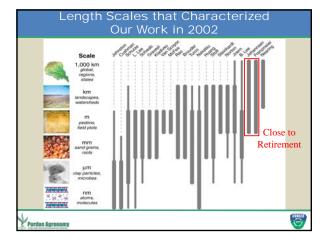


#### Mission

 The mission of the Earth System Science group is to address significant societal needs by offering innovative and relevant teaching, research, and outreach programs in the soil, hydrologic, atmospheric, earth observation, and environmental sciences, in collaboration with public and private partners.

Purdue Agreeomy

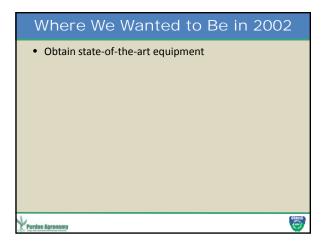
#### Where We Were in 2002 Soil and Environmental Sciences - 24 faculty, 4 A/P staff - referred to ourselves as the Soils Group Areas of activity - Environmental Fate and Transport Processes of Chemicals - Soil-Plant Interactions - Land Use and Landscape Processes

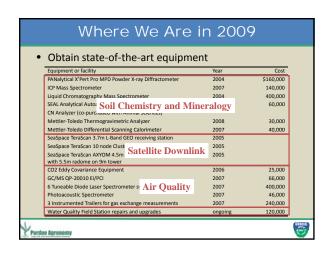


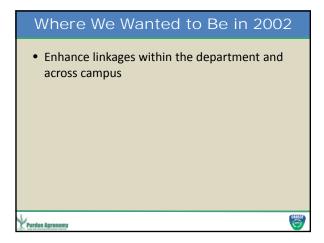
## Focus Areas: 1. Develop intellectual resources to address major ecological and environmental concerns 2. Obtain state-of-the-art equipment and technologies for conducting progressive research 3. Enhance linkages within the department and across campus 4. Enhance soils education and outreach









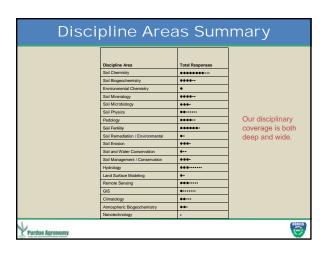




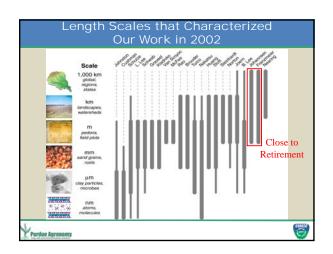












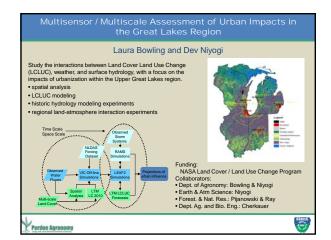
#### Programmatic Themes of the Earth System Science Group

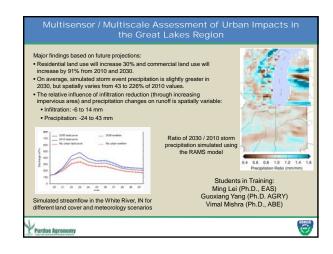
- Anthropogenic Contaminants
- Greenhouse Gasses
- Land Use / Sustainability
- N, P, or K in Water and Soils
- Soil Management
- Watershed Hydrology
- Others

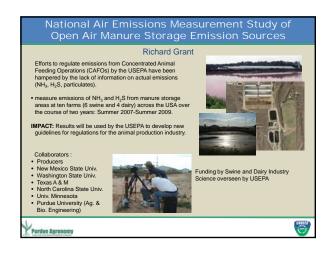
Purdue Sprenomy

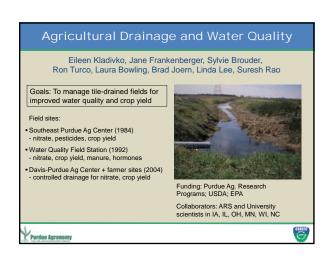


# Where Are We Now? Highlights of a Few Programs



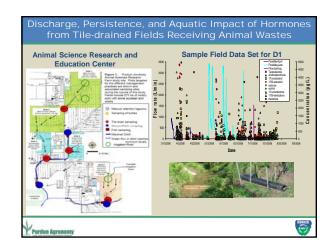


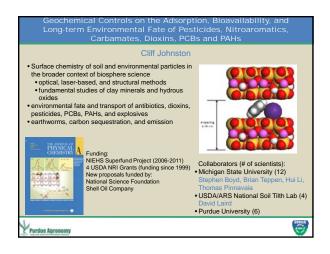


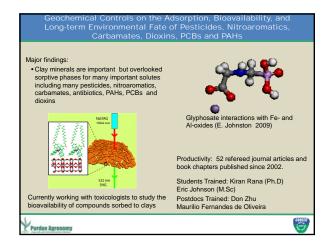


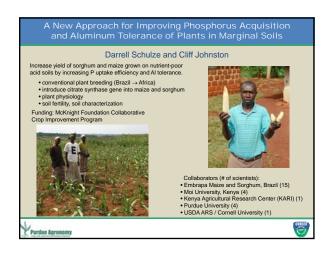


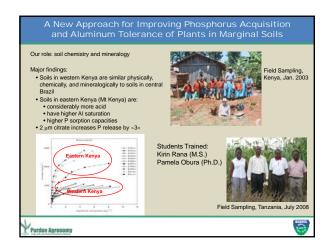




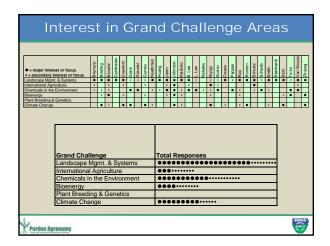


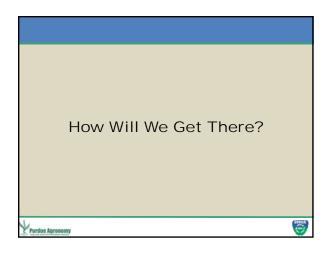












## Develop a new corporate identity for the Earth System Science Group - Earth System Science – for now - distinguish ourselves from other departments - how we present ourselves impacts our ability to attract students Purtue Agranamy



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# How Will We Get There? Additional faculty expertise needed over next five years Environmental Soil Physics Environmental Soil Microbiology Soils and Land Use Planning

