

Module 3Conservation in Rural Areas



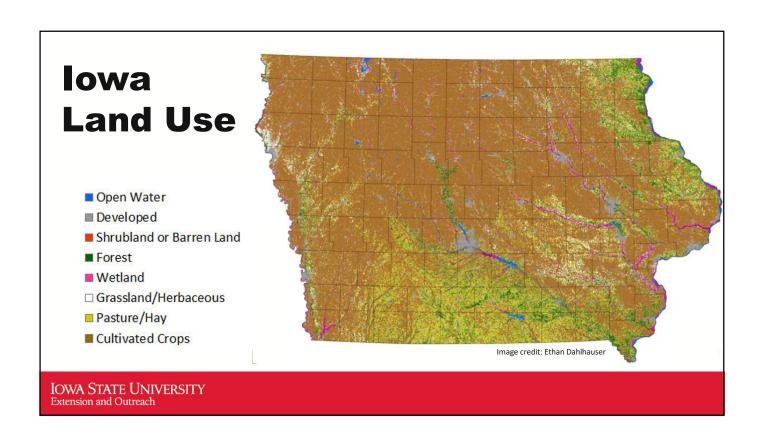
Today's Plan

- Why is conservation on agricultural land so important?
- 3 Farmer Case Studies
- 4 Conservation Principles

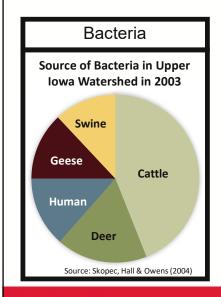


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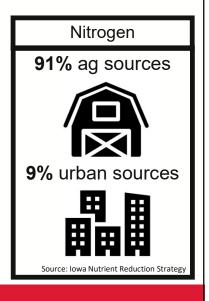
Why is conservation on agricultural land so important?



Common Water Pollutants

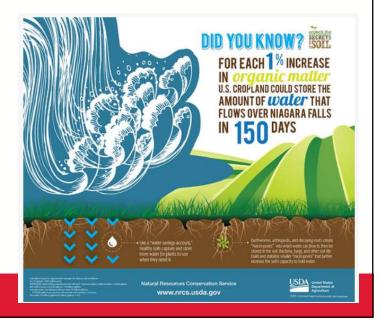


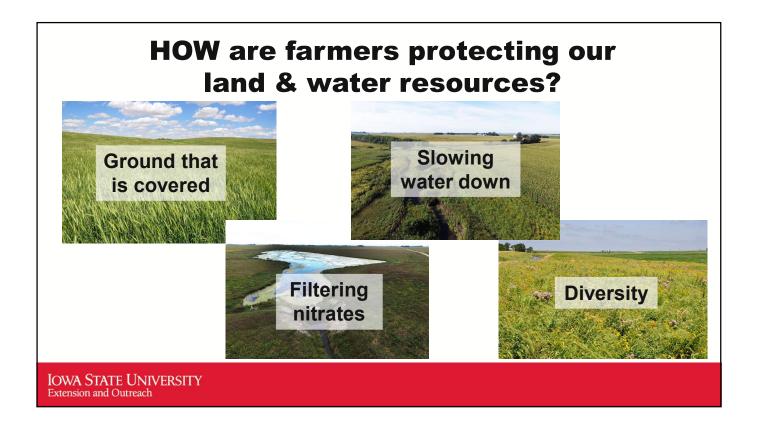




The potential of soils

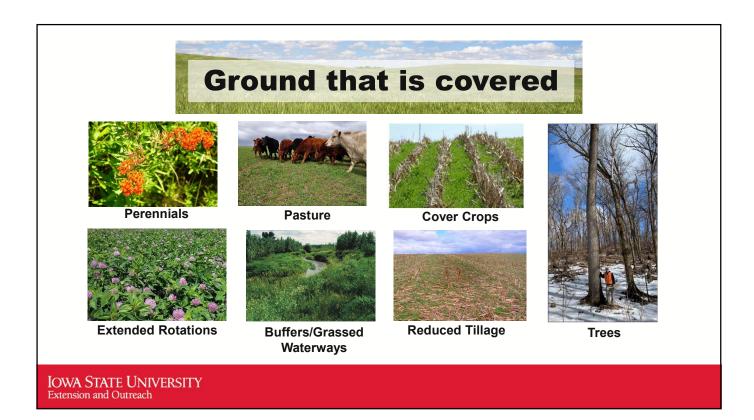
- Absorb and hold water
- Store carbon
- Provide nutrients/ food
- Diversity of soil microbiome

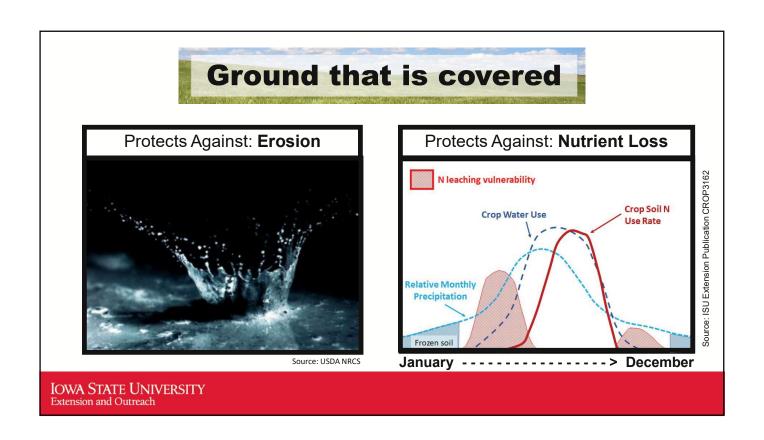


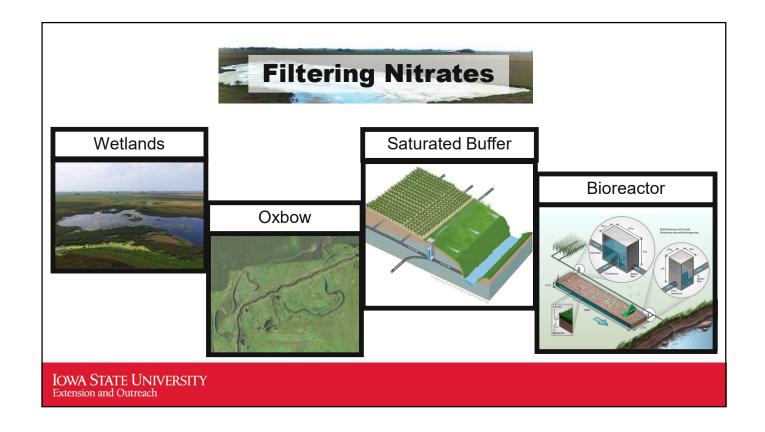


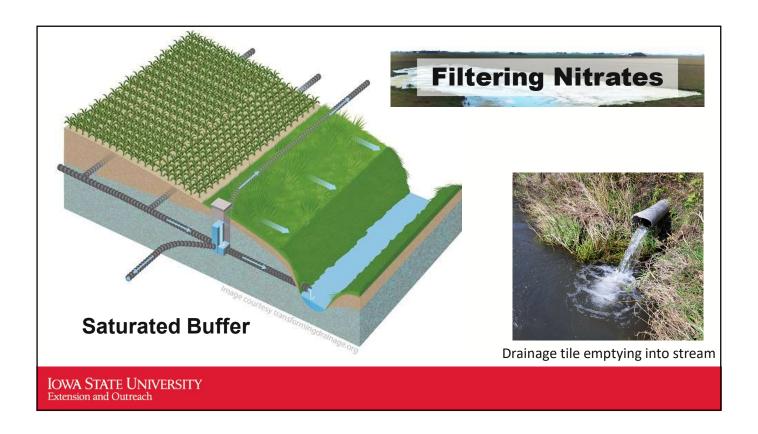
Case Study #1: Corn and Soybean Farmer









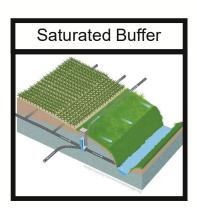


Corn and Soybean Farmer:

Keep the ground covered & filter nitrates

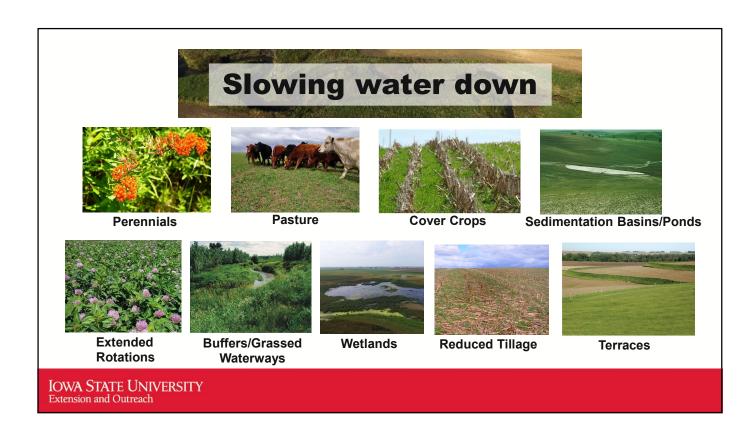


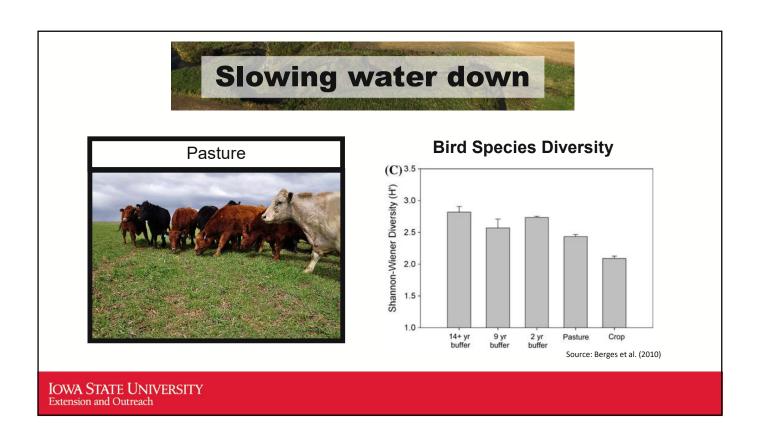


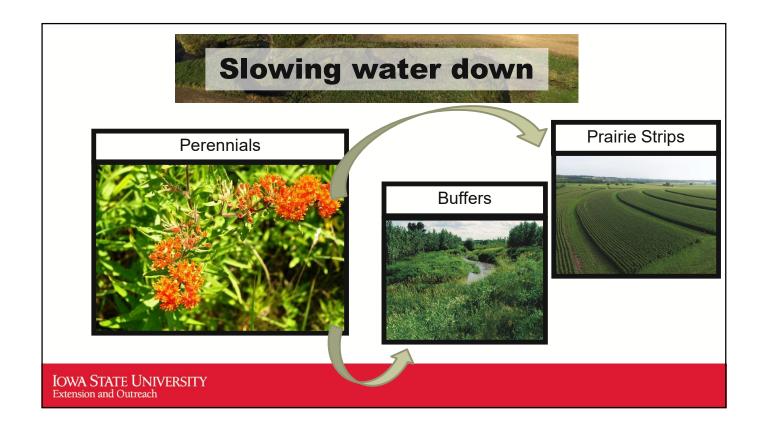


Case Study #2: Cattle Farmer/ Rancher



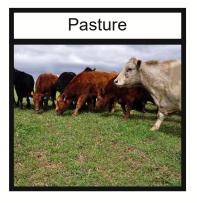


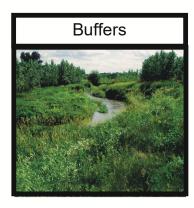


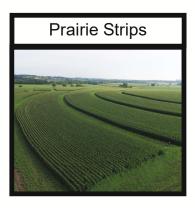


Cattle Farmer/ Rancher:

Slow water down





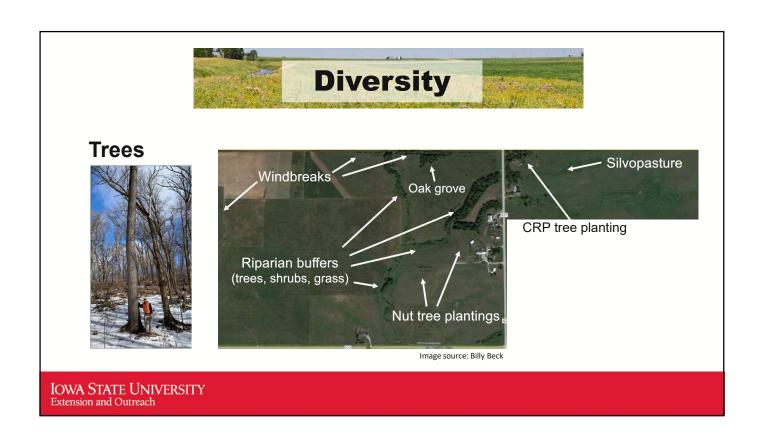


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Case Study #3: Vegetable Farmer







Trees/ Wild Spaces Help People, too!

"The grove has become a haven for the soul as well, a sort of solemn place of refuge for when I need to pray or sort things out in my mind."

"As a kid, the grove was a place full of wonder and adventure. It was the sort of "wild" place on the farm..." "Maybe we all need a place where we can safely go back in time for a little while and look at the world again in the way we perceived it as a child. The farm grove is that place of sanctuary."

- Ron Rosmann

Takeaways

- There are lots of different approaches to conservation on agricultural land
 - Keeping the ground covered
 - Filtering nitrates
 - Slowing water down
 - Adding diversity

