

# Green Lands Blue Waters

(GLBW)

Organized to support development of and transition to a new generation of agricultural systems that integrate more perennial plants and other continuous living cover in the agricultural landscape



# Benefits of CLC

- Produce food, feed, fiber, and more
- Profitable for farms & other businesses
- Risk management (weather, pests, markets)
- Improve soil health (long-term value)
- More wildlife
- Manage for extreme weather
- Cleaner surface and ground water



# GLBW - Who are we?

- Universities & Research Institutions
  - Illinois, Iowa, Kansas, Louisiana, Minnesota, and Wisconsin
- Farmer organizations
  - Iowa, Minnesota, and Wisconsin Farmers Unions; Iowa Soybean Association
- Local Sustainable Agriculture NGOs
  - Land Stewardship Project, Rural Advantage, Practical Farmers of Iowa, Illinois Stewardship Alliance, Agricultural Watershed Institute, SW Badger RC&D
- National Conservation and Policy NGOs
  - The Nature Conservancy, Audubon, Trout Unlimited, Izaak Walton League, Institute for Agriculture and Trade Policy

# Long View

- Systems approach to CLC (rotations)
- Ecological design of farms and landscapes
- Perennial grain crops
- Polycultures



# Continuous Living Cover

## Five Regional Working Groups



- ★ Perennial Grains
- ★ Perennial Forages
- ★ Perennial Biomass
- ★ Agroforestry
- ★ Cover Crops  
(& winter annuals)

# Mid-American Agroforestry Working Group

MAAWG

[about this working group](#) / [what is agroforestry?](#) / [partners](#) / [contact us](#)

CASE STUDIES

CONFERENCES  
AND WORKSHOPS

JOURNALS AND  
NEWSLETTERS

NEWS

RESOURCES AND  
LINKS

VIDEOS, WEBINARS  
AND PPTS



Twitter

- RT @StateForesters:  
Grand Rapids, MI  
brewers are using trees



Agroforestry practices

> Alley Cropping

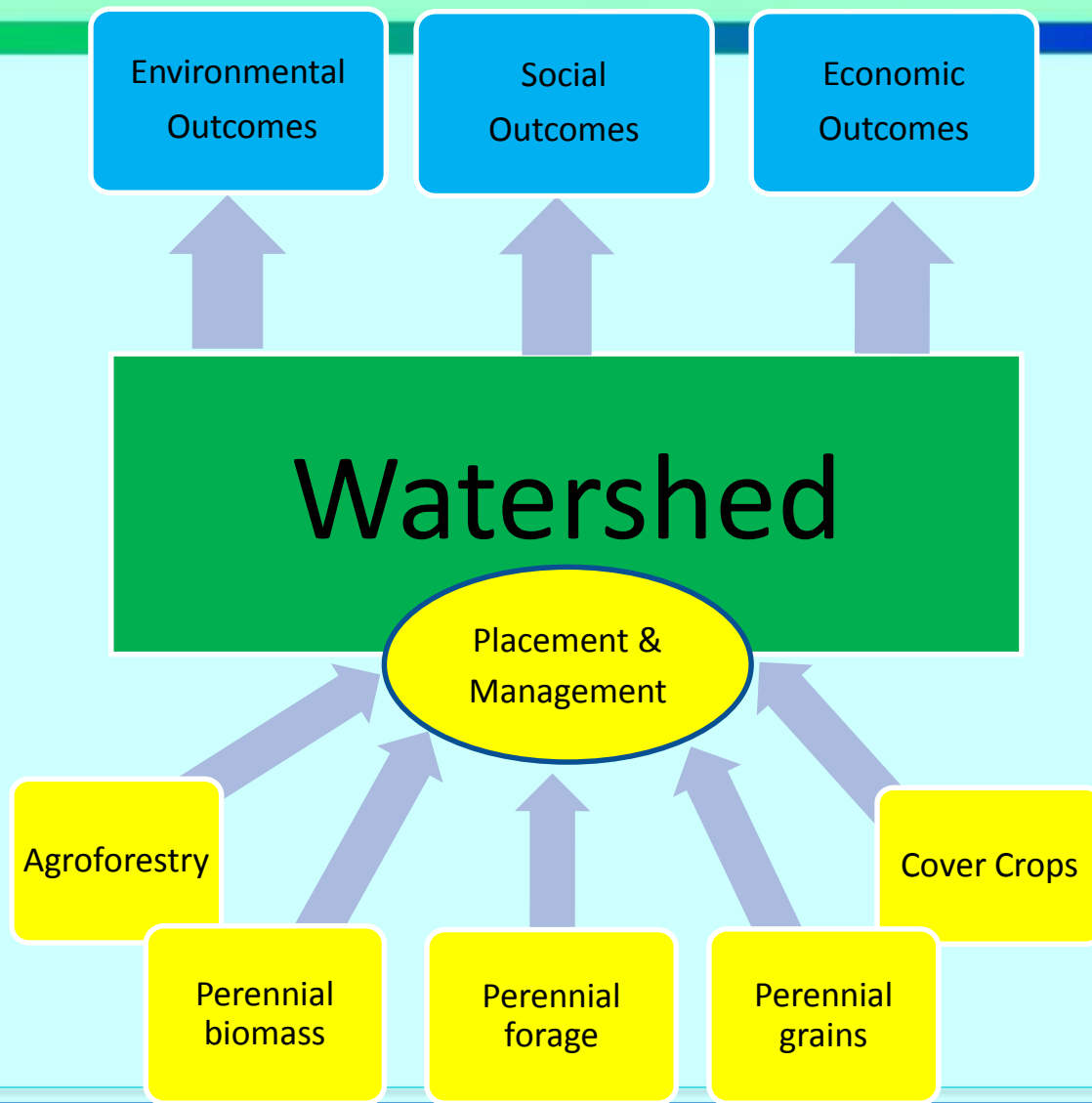
<http://midamericanagroforestry.net>

# Concentrate CLC in Watersheds

- Implement CLC cropping systems at scale
- Optimize location of CLC cropping systems
- Local partnerships and local leadership
- Define indicators; set goals and milestones
  - Economic outcomes
  - Environmental outcomes
  - Social outcomes



# GLBW Model for Watersheds





# GLBW watersheds

