

Who We Are

- Nonprofit, non-partisan 501 (c) (3) membership organization that supports the efforts of 450 land conservation committee (LCC) members and 370 land and water conservation department (LWCD) staff in Wisconsin counties.
- Established in 1953 to deliver conservation locally

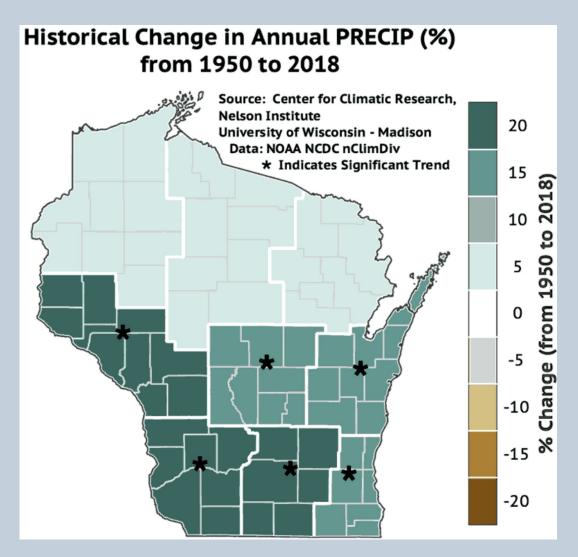
M LAND-WATER

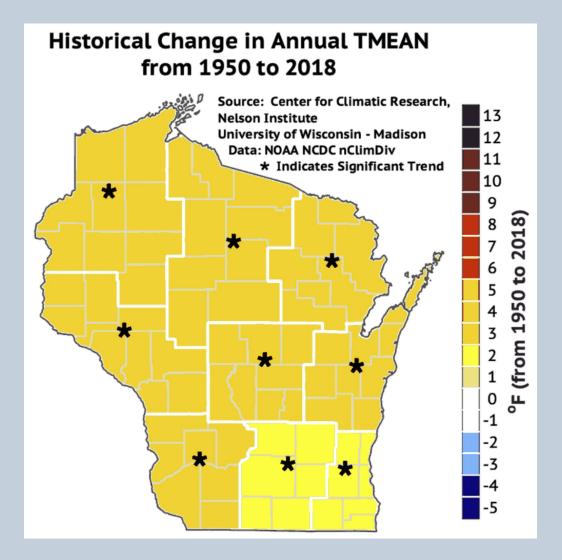


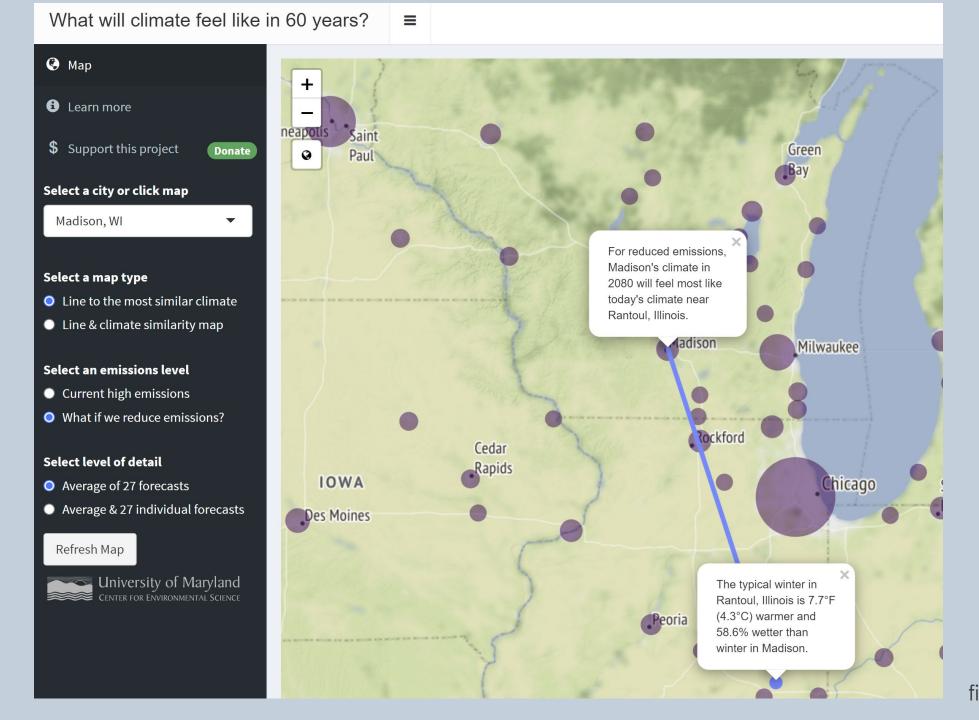
WI Land+Water programs

- Advocacy advocate for county conservation on legislative and policy issues
- Communications amplify county conservation success stories for greater impact
- Standards Oversight Council facilitate development and revisions of sensible conservation standards
- Conservation Training provide technical training and professional improvement opportunities
- Youth Conservation Education Wisconsin Envirothon, Conservation Poster & Speaking Contest, Youth Camp
- Climate Resilience Program help counties better adapt and plan for climate change impacts

Projected climate change for Wisconsin







Primary Impacts to Agriculture











Warmer spring and fall

Warmer winter

Warmer summer

Increase precipitation

Increase extreme weather Impacts to Soil and Water,





Adaptation

Supporting landowners in adapting to increase in extreme weather, longer seasons, infestation of new pests and invasive species.



Mitigation

Working across all industrial sectors and communities globally to reduce greenhouse gas emissions and slow the rate of climate change

Adaptation Strategies

Mitigation Strategies

Diversifying Cropping Systems/Markets Improving soil health/carbon

Reducing Commercial Fertilizer

Fermiz

Install water retention area

Implementing Agroforestry

Improve Manure Management

Increase biodiversity

Incorporate clean energy

Improve irrigation efficiency

WICCI's 4 Key Strategies

Increase continuous living cover on agricultural land

Avoid conversion of grasslands

Improve manure management to reduce liquid manure storage

Increasing nitrogen use efficiency

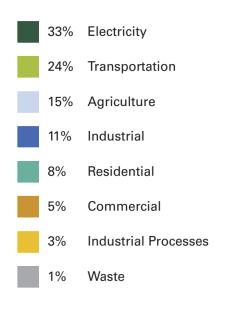
Mitigation

Global goal to reduce GHG emissions

Wisconsin's Climate Action Plan:

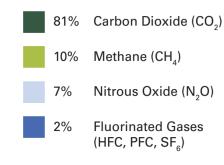
Reduce GHG to 26-28% below 2005 levels by 2025

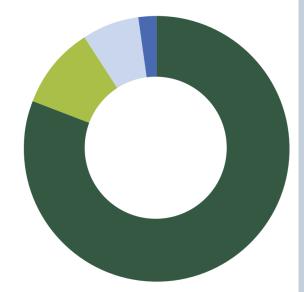
2017 WISCONSIN EMISSIONS BY SECTOR





2017 WISCONSIN EMISSIONS BY GREENHOUSE GAS





Off-setting Carbon - Carbon Markets

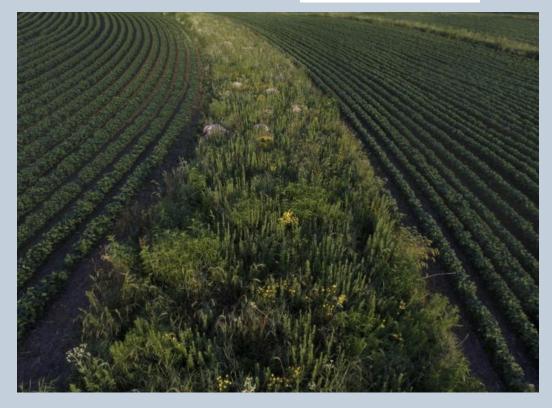














In-setting Carbon – Supply Chain Impacts

A Climate-Smart Farm



Accelerate, Transform, Regenerate:

NESTLÉ'S NET ZERO ROADMAP



Regenerative agriculture

We invest in the future of agriculture to ensure a thriving future for both people and the planet.

"Climate-Smart" Commodities

USDA to Invest \$1 Billion in Climate Smart Commodities

ਜ਼ FEBRUARY 8, 2022 /







Reduce dependence on fossil fuels







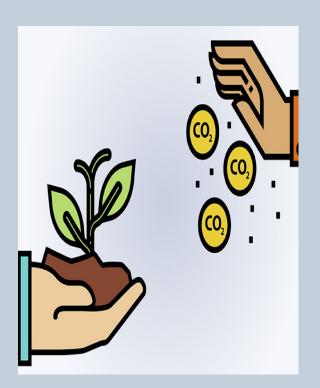
Ways to support farmers with climate change



Integrate climate into planning



Include carbon lens in conservation



Support farmers understanding carbon incentives



Identify opportunities to include clean energy



Questions? Christina Anderson

christina@wisconsinlandwater.org



