
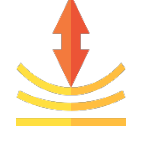

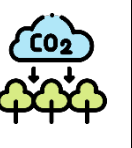



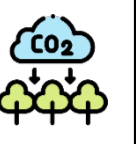


Recommended Strategies - Agriculture 8.0

					Public Safety	Resiliency	Soil, Air, Water	Carbon	
Sector	Strategy	Action	Responsible or Lead Party	Secondary Party	Notes				
Resilient Agriculture	8. Increase Conservation Practices and Reduce Flood Severity and Soil Disturbance	8.1 Expand adoption of climate-smart farm conservation practices with co-benefits that meet water quality goals.	Monroe County	NRCS	A wide range of climate-smart practices will help producers adapt to an uncertain climate future and reduce flood risks. Most of these practices are well known and well defined. Practices include, but are not limited to: Windbreaks, filter strips, stream buffers, managed grazing, silvo-pasture, agro-forestry, fruit and nut crops, or biomass production.		+	+	+
		8.2 Increase resiliency to flooding by increasing continuous living cover on agricultural land.	Monroe County	NRCS	Increasing continuous living cover on agricultural land to reduce the need for fertilizer applications and associated N2O emissions and increase soil carbon storage.	+	+	+	+
		8.3 Reduce environmental risks from flooding by reducing vulnerabilities from liquid manure storage.	Monroe County	WI DNR	Improving manure management will reduce liquid manure storage. This will better align nutrient application rates with plant nutrient needs, and reduce methane emissions from manure and nitrous oxide emissions from soils. Monroe County LCD is identifying and assisting landowners with closure of abandoned manure storage facilities.	+	+	+	+
		8.4 Reduce greenhouse gas emissions and manage producer costs through improved nutrient and manure management.	Monroe County	WI DNR	Increasing nitrogen use efficiency will reduce nitrous oxide emissions from soils and help reduce carbon dioxide and methane emissions from fertilizer production.	+	+	+	+
		8.5 Significantly increase funding and staffing resources for the County Land Conservation program to aid adoption of climate-smart conservation practices (see 16.5).	Monroe County	Wisconsin Legislature	Continue to support and fund county land conservation conservation staff to work with landowners.	+	+	+	
		8.6 Increase cost-share incentive funding to producers in prioritized high risk landscapes.	Monroe County	NRCS	Using the vulnerability assessments and/or the opportunity assessments in this report can help prioritize use of available funding for practices.	+	+	+	
		8.7 Promote the work of private partners promoting conservation in agriculture.	Monroe County	Non-government Entities	Promote the Pheasants Forever precision agriculture program to assess return on investment and identify marginal lands. Other partners to explore or strengthen collaborate with include the Savanna Institute, Organic Valley, and The Nature Conservancy in Wisconsin.		+	+	
		8.8 Build on relationships with state and federal agencies to leverage funding and pilot program opportunities.	Monroe County	Non-government Entities	Monroe County has a strong reputation as a climate leader and can build on existing relationships to leverage funding and innovative opportunities for creative program adoption.	+	+	+	

Recommended Strategies - Agriculture 9.0, 10.0

					Public Safety	Resiliency	Soil, Air, Water	Carbon	
Sector	Strategy	Action	Responsible or Lead Party	Secondary Party					
Resilient Agriculture (Continued)	9. Manage Farm Carbon	9.1 Protect farm carbon stocks by avoiding conversion of agricultural lands to development	Monroe County	Farmers and Forest Owners	Expansion of Farmland Preservation programs and other incentives to support maintain farmland and keeping farms in production.	+	+	+	+
		9.2 Protect carbon stocks by maintaining grasslands and working lands in permanent cover	Monroe County	Farmers and Forest Owners	Avoiding large-scale conversion of grasslands and working lands in permanent cover to row crop production or other uses with non-perennial cover will protect climate resilient lands and avoid carbon losses.		+	+	+
		9.3 Quantify the carbon benefit of conservation practices that promote climate resiliency and soil and water protection.	Monroe County	Non-government Entities	Existing tools and tools in development such as Comet Farm or Comet Planner are becoming widely adopted. http://comet-farm.com/		+	+	+
		9.4 Emphasize carbon accounting and whole farm carbon planning as a routine aspect of farm management.	Monroe County	Non-government Entities	Accounting for carbon agricultural operations will help landowners understand potential, build healthy soils, and lay a foundation for 3rd party carbon investments through offset programs, or through supply chain "insetting". Land Conservation and supporting agencies and organizations should work together to identify standards and templates for whole farm carbon planning.		+	+	+
		9.5 Assess county-wide opportunities for farm carbon management.	Non-government Entities	Farmers and Forest Owners	Monroe County Land Conservation Department can lead and coordinate estimation of county-wide opportunity for farm carbon using existing inventory and models, and establish goals for net carbon sequestration or reduced emissions.		+	+	+
	10. Farm Producer Education and Outreach	10.1 Identify and support demonstration farms that highlight climate resilient landscapes.	Monroe County	Farmers and Forest Owners	Well-managed farms create strong visuals, especially after severe weather events. Farm tours showcasing climate-smart practices will bring high levels of public interest.	+	+	+	
		10.2 Promote establishment of Producer Led Watershed group(s) in Monroe County.	Farmers and Forest Owners	WI DATCP	The number of ag producers in Monroe County creates a nucleus for formation of a Producer Led Watershed Group which can help leverage resources and increase the pace of adoption of conservation and climate-smart agricultural practices.		+	+	+
		10.3 Conduct demonstration trials for newer practices and those requiring more information for successful adoption.	Farmers and Forest Owners	WI DATCP	Overcome implementation barrier of cover crops through trials. Understand varieties and rotations best suited for hesitant landowners.		+	+	+
		10.4 Identify and promote crops and farm business models that align with conservation land uses.	Farmers and Forest Owners	Monroe County	Alternative crop models that contribute to climate resiliency can include (but are not limited to) grass-based pasture, grass-based biofuels, silvo-pasture integrating fruit or nut crops, or tree plantations producing traditional forest products or woody biomass.		+	+	+