

# WI ENVIROTHON

*Planning to meet a changing environment*

## Why we are here.

- Climate Change
  - Greenhouse Gas Emissions
- Floods of Southeastern Wisconsin
  - Fields
  - Housing
  - Businesses
  - County Roots in Agriculture
- Possible Solutions

## Guiding Principles of our recommendations

- Adapt to changing situations
- Mitigate our impact
- Become a model for other communities

### Sustainable Solutions

- Economically
- Environmentally
- Socially

### Values of our Community

- Agriculture
- Urban Centers
- Fishing-driven tourism



## Agriculture

Goals and Strategies:	Flood Adaptations	Creating Engagement
<ol style="list-style-type: none"> <li>1. Integrate farming crop practices that decrease trips across fields by 25%</li> <li>2. Area farmers participate in Carbon Credit programs as a crop and revenue source</li> <li>3. Integrate solar energy into farm operations.</li> <li>4. Consider alternate crops</li> </ol>	<ol style="list-style-type: none"> <li>1. Integrate soil practices that increase water infiltration rates</li> <li>2. Increase the amount of managed wetlands in the county by 50%</li> </ol>	<p>Locally grown food initiative</p> <ol style="list-style-type: none"> <li>1. Promote buying local</li> <li>2. Community Garden Installation</li> <li>3. Local Farmers Markets</li> </ol> <p>Goals:</p> <ol style="list-style-type: none"> <li>1. Decrease greenhouse gas emissions made by truck deliveries</li> <li>2. Community involvement</li> </ol>



## Urban Centers

Goals and Strategies:	Flood Adaptation:	Creating Engagement:
<ol style="list-style-type: none"> <li>1. Increase ground permeability</li> <li>2. Community gardens (gardens on roofs)</li> <li>3. Create more public transportation routes</li> <li>4. Transform the community into a more bikeable city (creating raised bike lanes)</li> </ol>	<ol style="list-style-type: none"> <li>1. Increase stormwater treatment capacity at sewage treatment plants</li> <li>2. Implement permeable pavers or hard surfaces (sidewalks, driveways)</li> <li>3. Increase green space (parks, and trees)</li> <li>4. Rain gardens upstream to capture runoff before it gets to the dense urban centers</li> </ol>	<ol style="list-style-type: none"> <li>1. Community forum/dialogue</li> <li>2. Community Gardens</li> <li>3. Community Greenroofs</li> <li>4. Local flood warning system &amp; preventative education</li> <li>5. Establishing evacuation centers (safe buildings for people to find shelter)</li> </ol>



## Fishing-Tourism Industry

Goals and Strategies:	Flood Adaptation:	Creating Engagement
<ol style="list-style-type: none"> <li>1. Protect at risk fish populations in their natural habitat. (cold water, cool water, warm water species)</li> <li>2. Prevent raising water levels</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify at risk waters.</li> <li>2. Reduce harvest of at risk species.</li> <li>3. Use water protection practices such as riparian buffers to help regulate both runoff and temperature modifications of water bodies</li> <li>4. Implement practices to reduce land runoff, from farm, residential, and urban areas (increased green space &amp; rain gardens)</li> </ol>	<ol style="list-style-type: none"> <li>1. Change fishing regulations</li> <li>2. Establish partnerships with natural resource agencies</li> </ol>



## How do we engage stakeholders?

### Our goals:

- To gain the support of our community and stakeholders.
- For every community member to have the opportunity to be a part of the change

### Strategies:

- Community forum/dialogue
- Community Education
- Community Action Steps
- "An Option for Everyone" program

### Incentives & Regulations

- Municipal Codes
- Tax Incentives

