



# C-CHARM

## CENTER FOR CLIMATE-DRIVEN HAZARD ADAPTATION, RESILIENCE, AND MITIGATION IN GREAT LAKES RURAL COMMUNITIES

C-CHARM is an initiative aimed at connecting community members, researchers, and stakeholders in the effort to better prepare our area for climate change

### INFORMATION

#### ASPECT

#### DETAILS

#### SPECIFIC OBJECTIVES

##### Community Engagement

Work with community partners to foster involvement and collaboration

- Create a co-production based team with our community partners to oversee the project
- Work with local public broadcasting to increase awareness of the project

##### Research

Model future climate change scenarios with considerations surrounding geologic hazards, socioeconomic, and environmental factors

- Collate available models and data for the region
- Work with researchers to model concerns that we do not yet have sufficient data for
- Create a web portal to display models and findings

##### Communication

Communicate findings, best practices, recommendations, and hazards to the community

- Develop education materials for both local businesses and schools
- Present actionable science to local stakeholders and government officials



### TIMELINE

- Establish Team Structure
- Conduct Quarterly Meetings
- Submit Info Video to Broadcasters
- Develop Initial Models
- Begin Creating Web Portal
- Expand Project Reach
- Create Edu Materials for K12 Students
- Create Resources for Local Businesses
- Refine Web Portal Based on Feedback
- Finalize Web Portal
- Develop Local Hazard Mitigation Plan
- Adapt Strategies to New Info
- Assess C-CHARM Project Efficacy
- Strategize Growth into Other Regions

