

Climate Change and Agriculture in the Great Lakes Region: The Potential Impacts and What We Can Do



- 8:30 AM Registration - check in
- 8:50 AM Opening Remarks
- 9:00 AM Recent Research**
- 9:00 AM • *Potential Impacts of Climate Variability and Change on the Great Lakes Region*, Jeff Andresen, Agricultural Meteorologist, Michigan State University (MSU)
- 9:15 AM • *Projections of Future Climate from the General Circulation Models (GCMs)*, Peter Sousounis, Meteorologist, MSU
- 9:30 AM • *Implications of Global Climate Change for Agricultural Risk Management: Use of Crop Insurance*, Roy Black, Agricultural Economist, MSU
- 9:50 AM Break
- 10:00 AM Observations from Industry Stakeholders**
- 10:00 AM • *Wind Power, Farmers, and Climate Change*, Steve Smiley, Bay Energy Services
- 10:20 AM • *Corn Hybrid Selection and Characterization*, Murt McLeod, Insect & Disease Management, Pioneer Hi-Bred International, Inc.
- 10:40 AM • *Weather Risk Management for Agriculture: Use of Weather Derivatives*, Mike Grover and Ryan Williams, Cargill, Inc.
- 11:00 AM Open Discussion - All Workshop Participants**
- 11:45 PM Lunch
- 12:45 PM Observations from the Growing Community**
- 12:45 PM • *Winegrape Growing - Some Climatic Considerations*, Doug Welsch, Owner and Manager, Fenn Valley Vineyards and Winery
- 1:00 PM • *Potential Impacts of Climate on the Potato Industry in Michigan*, Howard Viegelahn, Owner and Manager, Viegelahn Farms and Investments, Inc.
- 1:15 PM • *Potential Impacts of Climate on Fruit Crops*, Jim Nugent, Coordinator, Northwest Michigan Research Station and District Horticultural Agent
- 1:30 PM Break
- 1:40 PM Assessment Panel**
- 1:40 PM • *A Summary of some Results of Research on the Potential Impacts of Climate Change on Agriculture in Eastern Canada*, Andrew Bootsma, Agroclimatologist, Eastern Cereal & Oil seed Research Center (ECORC)
- 2:00 PM • *Examples of Indirect Impacts of Climate Change (Insects, Weeds, Diseases, Pesticides)*, Jeff Andresen, Agricultural Meteorologist, MSU
- 2:20 PM • *Climate Change and Farm Level Adaptation Strategies in the Midwestern U.S.*, Rebecca Pfeifer, Agricultural Consultant
- 2:50 PM Open Discussion - All Workshop Participants**
- 3:30 PM Closing Remarks**