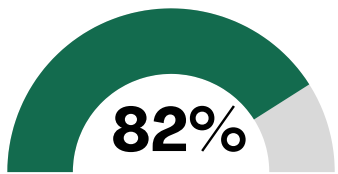


CLIMATE PROJECTION DATA NEEDS IN MINNESOTA

In a recent survey, **218** people from the **private sector, academia, government, and NGOs** answered questions about the usefulness of downscaled climate projection data, possible applications, and preference for project leadership, funding, and management.

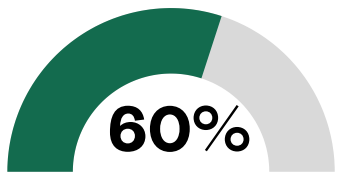
A Clear Community Need



of respondents said these data could be *somewhat* or *very* useful to their organization.

There is a clear cross-sectoral need for this information.

An Educational Opportunity



of respondents had little or no prior understanding of downscaled climate data.

More training, resources and tools are needed to fill this gap.

University Leadership



Respondents preferred for the University of Minnesota to lead this work and maintain the data for public use.

How can these data be used?



Building Design & Infrastructure



Water Quality & Flooding



City Policy & Planning



Education & Outreach



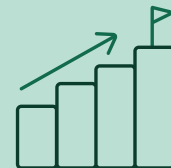
Continuing Research



Resource Management



Human Health



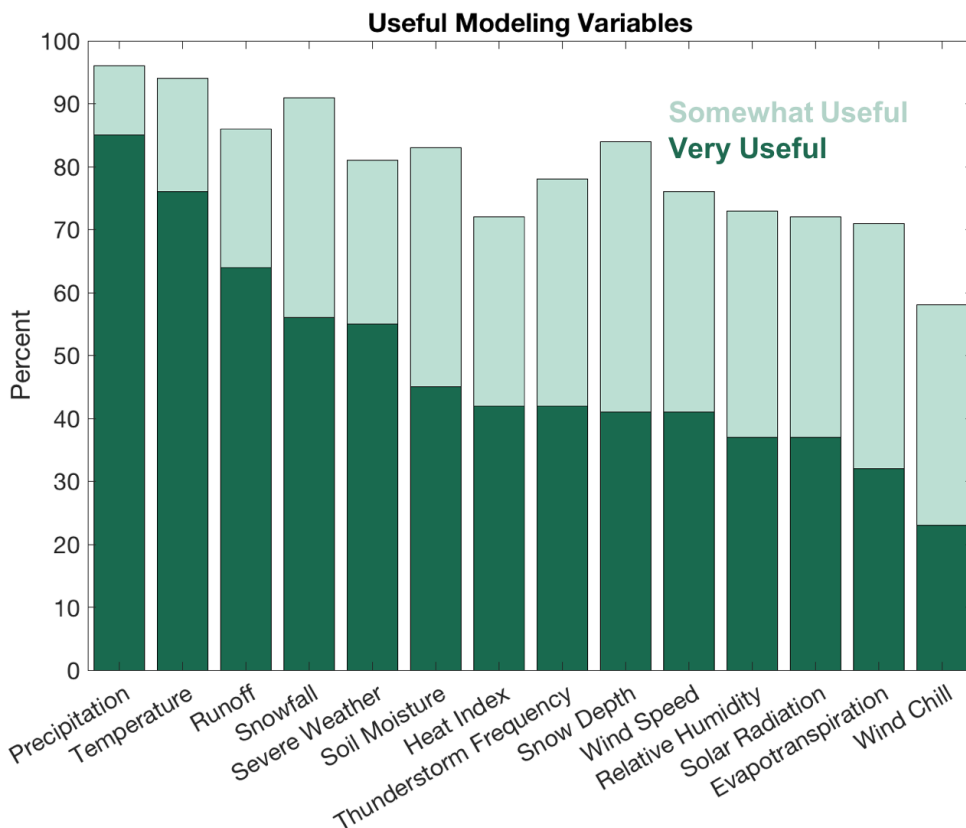
Consulting



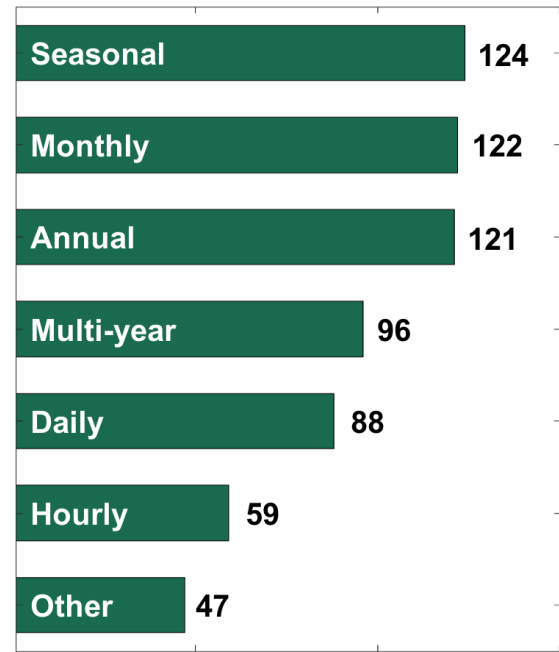
Agriculture

Of the proposed uses, **water quality & building design** were mentioned most frequently.

Precipitation and temperature projections are the most useful:



Seasonal, monthly, and annual data are preferred



Number of Responses

Future Work and Next Steps

Future efforts should focus on:

- Generating a comprehensive set of climate projection data for Minnesota
- Educating the public through workshops and webinars
- Collecting case studies as examples of climate projection data application
- Creating a downloadable guidebook for education and outreach



Questions? Please contact:

Dr. Heidi Roop
 Minnesota Climate Adaptation Partnership
 University of Minnesota
hroop@umn.edu

Jeffrey Meek
 Minnesota Dept. of Transportation
Jeffrey.Meek@state.mn.us