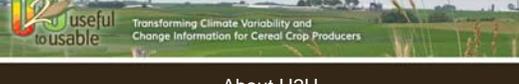




**Useful to Usable:**  
Transforming Climate Variability and Change Information for Cereal Crop Producers

Linda Prokopy  
U2U Project Director  
Professor, Purdue University

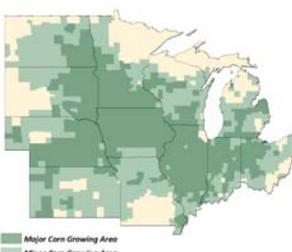


**About U2U**

**Our Vision**

- Transform existing climate information into usable knowledge for agricultural decision making
- Give farmers the resources and training to more effectively manage variable climate conditions
- Increase Extension capacity to address agro-climate issues

More **resilient** and **profitable** farms in a variable and changing climate




**U2U Team**

climatologists, crop modelers, agronomists, IT specialists, economists, sociologists, Extension, and more




We strive to transform useful information into usable tools that *actually get used!*

**Stakeholder interaction**, from the beginning and throughout the entire process, is essential!

Regular **evaluation** of our tools, and our team, to ensure we are meeting needs.

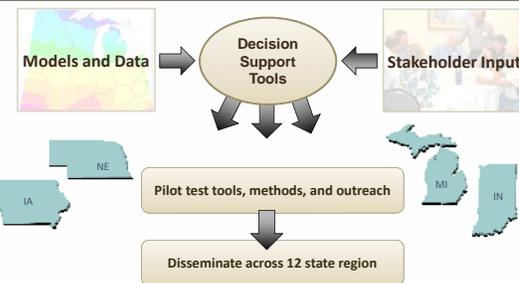
Photo credit: <https://fromasecondstoriwindow.wordpress.com/>



**Project Objectives**




**Project Objectives**



**useful to usable** Transforming Climate Variability and Change Information for Cereal Crop Producers

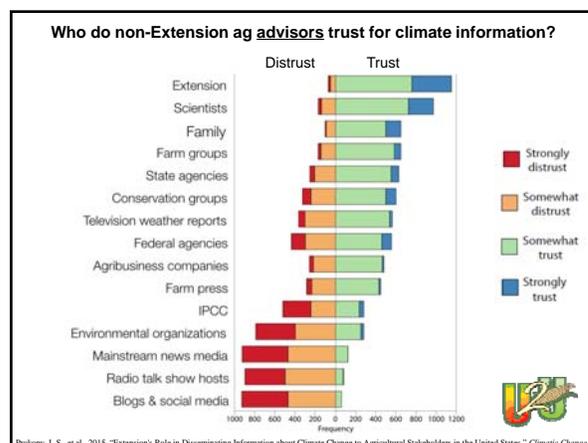
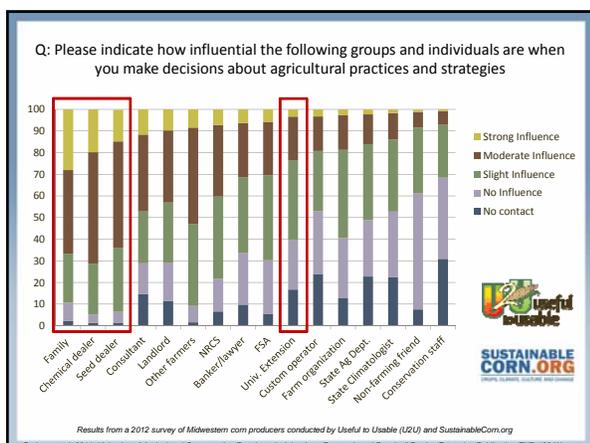
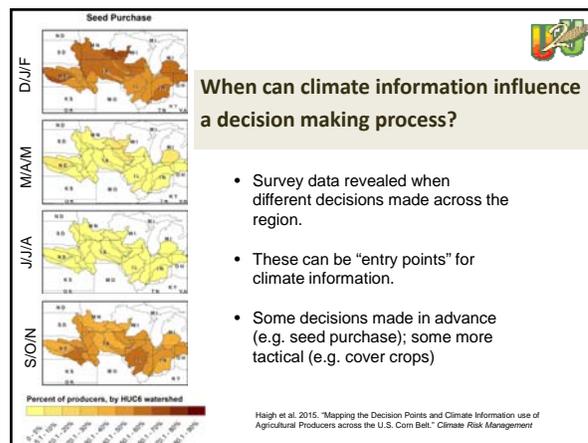
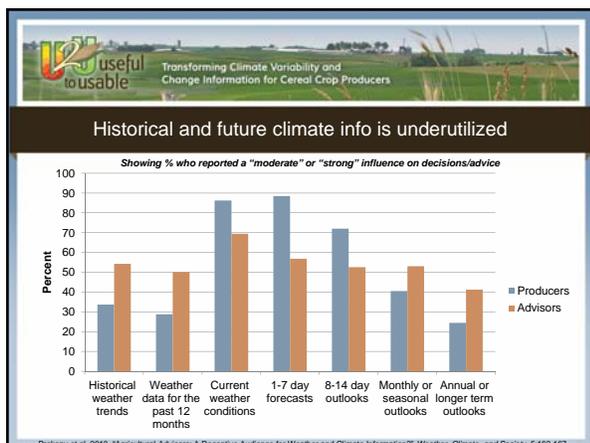
### Stakeholder Interaction

- Surveys
- Focus groups
- Interviews
- User testing
- Hands-on training

**useful to usable** Transforming Climate Variability and Change Information for Cereal Crop Producers

### Things We've Learned

- Topics people are interested in
- How they currently use information
- When they need information
- Where they go for information



**AVAILABLE NOW**

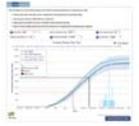
### AgClimate View<sub>DST</sub>

This tool provides easy-to-use historical climate and crop yield data for the Corn Belt.



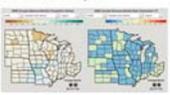
### Corn GDD<sub>DST</sub>

Track real-time GDD accumulations and learn about climate risks for corn development.



### Climate Patterns Viewer<sub>DST</sub>

Connect global climate conditions to local climate impacts.



### Corn Split N<sub>DST</sub>

Determine the feasibility and profitability of using in-season nitrogen application for corn production.



AgClimate4U.org

Thank you!



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