

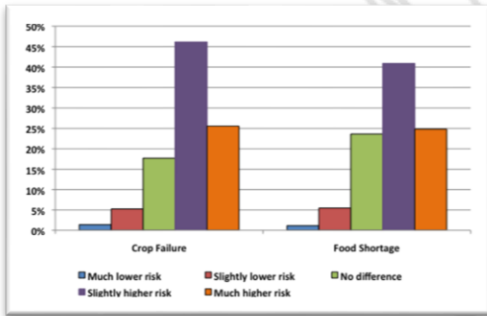


REACCH
Regional Approaches
to Climate Change –
PACIFIC NORTHWEST AGRICULTURE

**Annual
Meeting 2013
Speed Science
Presentations**



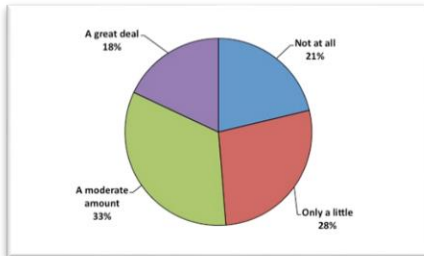
Farm risk vs food shortage in the climate eye of the public **M. Reyna, J.D. Wulfhorst, S. Kane, and L. Bernacchi, University of Idaho**



Perceived effects to agriculture from climate change have received little assessment within the general public. In a Fall 2012 survey of urban and rural residents in the Pacific Northwest ($n=1,300$), we asked respondents about 1) overall levels of concern about climate change; 2) perceived risk to crop failure caused by climate change; and 3) perceived risk to food shortage caused by climate change.

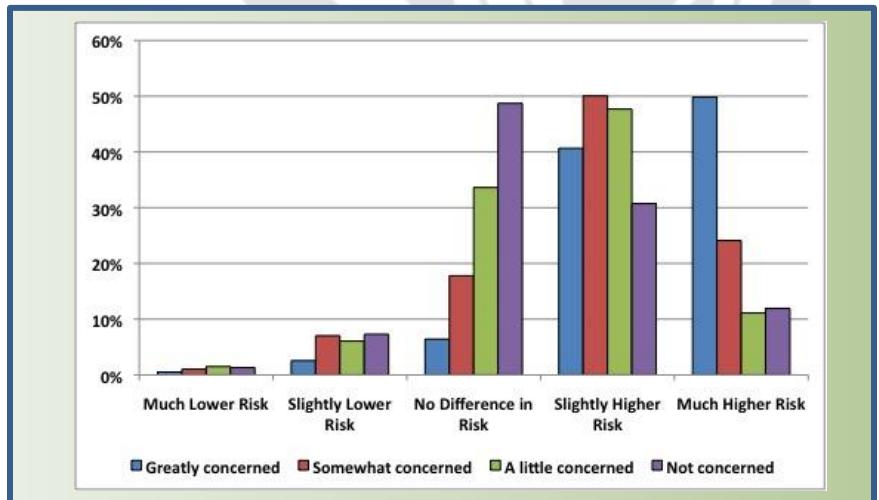


As illustrated by the figure below, most respondents perceive either *no difference or higher risk of food shortages* in the future. However, among those who indicate less concern about climate change tend to perceive no difference in risk to future food shortages, while those who do indicate greater concern about climate change tend to also perceive greater levels of risk to food shortages. Among those feeling very informed about climate change, there is also a tendency to perceive much higher risk to future crop failures.



Pictures shown, from top to bottom, are:

a) Survey results: “In the PNW in the next 30 years, climate change will cause more / less risk to crop failure & food shortages”; b) Palouse hills; c) Survey results: “Climate change will cause harm to my family”.



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