Our Knowing Isn't Showing: A Literature Review of Sustainability Knowledge-Action Gap Emily Slater ITLS Doctoral Student April 15, 2021



Agenda

- Research Question
- Methods
- Data Analysis
- Findings
- Moving Forward

Research Question: What relationship is there between knowledge and action on climate change issues at the individual and group levels?

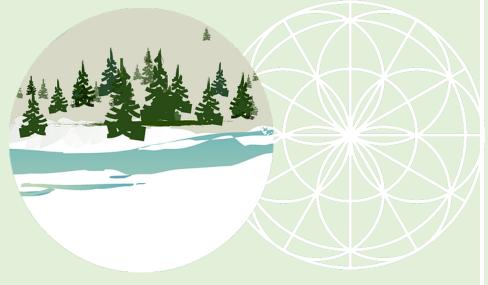
Method: Systematic Literature Review

- Used the following inclusion criteria:
 - Google Scholar and Utah State University library databases
 - January 2011 to March 2021
 - Included keywords: climate change, adaptation, knowledge-action gap, water management, resource use, energy consumption, community-based,, action research, and environmentalism
 - Location of study in USA or Canada
- Selected ten articles



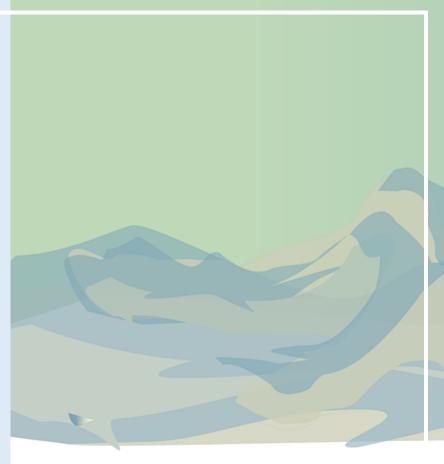
Data Analysis

- Coded articles into Microsoft Excel assessing:
 - Sample Characteristics
 - Design Characteristics
 - Research Conclusions and Outcomes
- Synthesized findings into review discussion



Findings

- Scientific Information Versus Personal Experience (n=3)
- The Role of Climate Heroes (n=2)
- Gendered Aspects of Attitudes (n=3)
- Politics and Pro- Environmental Behaviour (n=5)
- Message Framing (n=4)





Moving Forwards

Collaborative and participative approaches are needed to address climate change inaction and apathy. The role of researchers is to advance work that is culturally relevant, cognizant of systems of power, and engaging the participants in meaningful ways to increase mobilization.



Thank You!

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