

Analysis of Sediment Remediation Outreach in the Great Lakes Region: *A Mixed- Methods Approach*

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Overview of Presentation

- Importance of Social Science Research
- Project Methodology
- Relevancy to AOC Projects

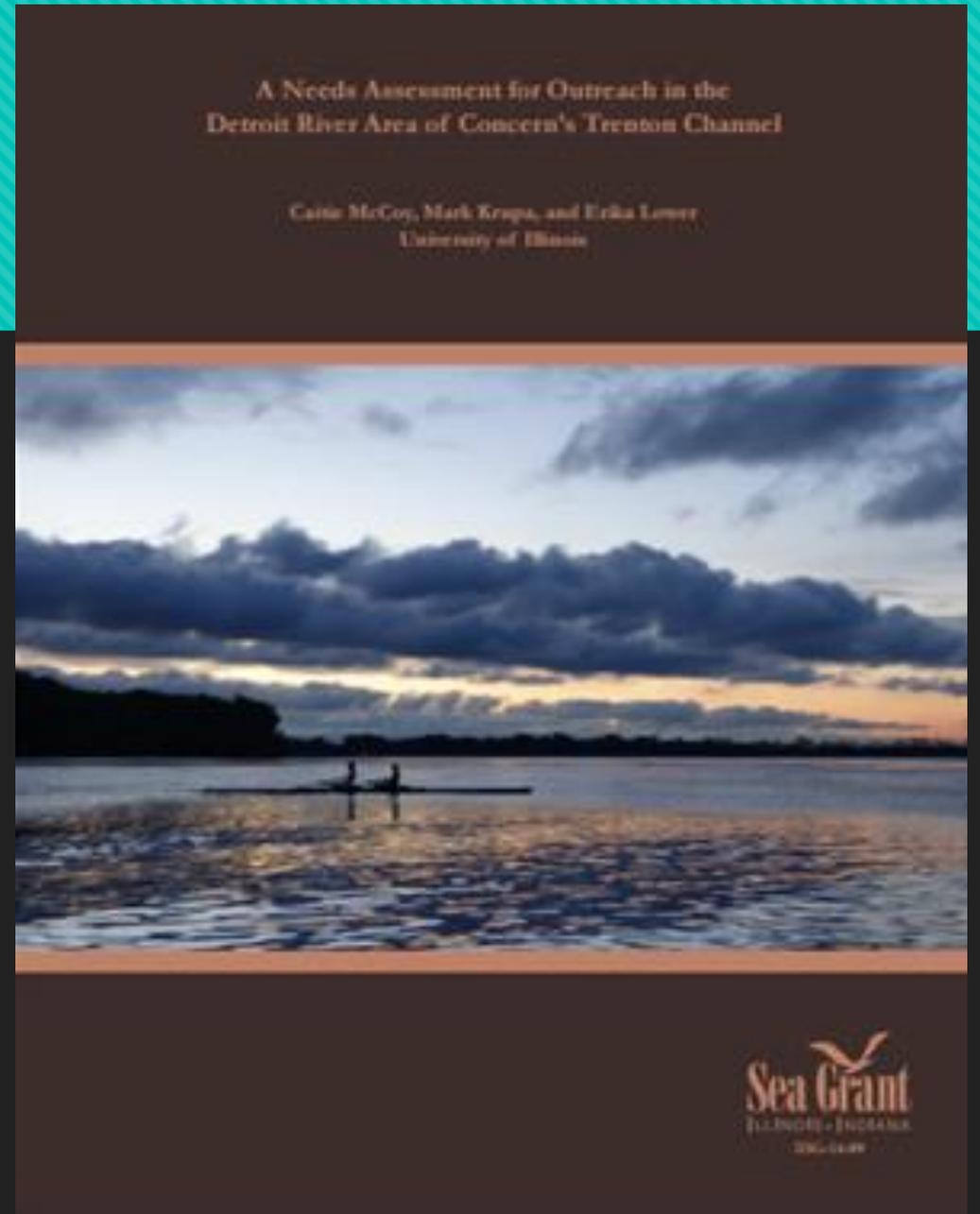
Why is the social science important?

- Creating a means to incorporate peoples stories into your work
 - Learning community & individual stories
 - Creating buy-in



Current Project Origins

- Graduate student, seeking research
- Pre-existing interview data
 - 4 AOC sites
 - Needs Assessments created year after year
 - Opportunity to use as comprehensive dataset
 - Third party quantitative data



Qualitative Examined

- Looking at quotations for each code to reveal themes

The screenshot shows a software interface with a list of codes on the right and a selected quotation on the left. The codes include:

- Condition of Waterway
- Pollution Sources
- Water Safety
- Attitude towards waterway
- Value
- Attitude towards project
- Fish
- Fish Consumption
- Water Safety

The selected quotation is: "QU:19:1 So my perception of the channe.. (1:286-1:1474) Created by: Super (11/27/2015)".

- Querying codes to identify patterns and themes

The screenshot shows the ATLAS.ti Query Tool interface. The query entered is: "AND('Needs','Development')". The results table is as follows:

Id	Name	Primary Doc
2:32	I think there's a lot more tha..	ShR_GJB_072011.p
4:57	And there's been some- we've p..	ShR_CP_071911.pd
4:67	Well, I think the Mainline pie..	ShR_CP_071911.pd
12:...	Um, I mean it'd be nice to hav..	TC_3MP_071614.pd

Theme

○ ACCESS

- Access is important and defined differently, and many participants believe access needs to be improved. There are different barriers that exist that limit access to their waterways and various impacts that limited access has on communities.

Theme: Access is important and defined differently, and many participants believe access needs to be improved. **There are different barriers that exist that limit access to river** and various impacts that limited access has on communities.

○ PHYSICAL BARRIERS

- “Let's listen to what citizens say they want, what they want is really increased access to the River. It's really hard to get from the highway down to the river.”

○ KNOWLEDGE BARRIERS

- “More people can't take advantage of it. It should be published a bit more. A lot of people do not know what they are missing. Unless you have done it a time or two, you really don't know.”

○ US VS. THEM BARRIERS

- “We have all of these rivers and most of it is industrial or not readily accessible. So some sort of campground or commercial venue that opens that area up for the public.”

Theme: Access is important defined differently, and many participants believe access needs to be improved. There are different barriers that exist that limit access to their rivers and various impacts that limited access has on communities.

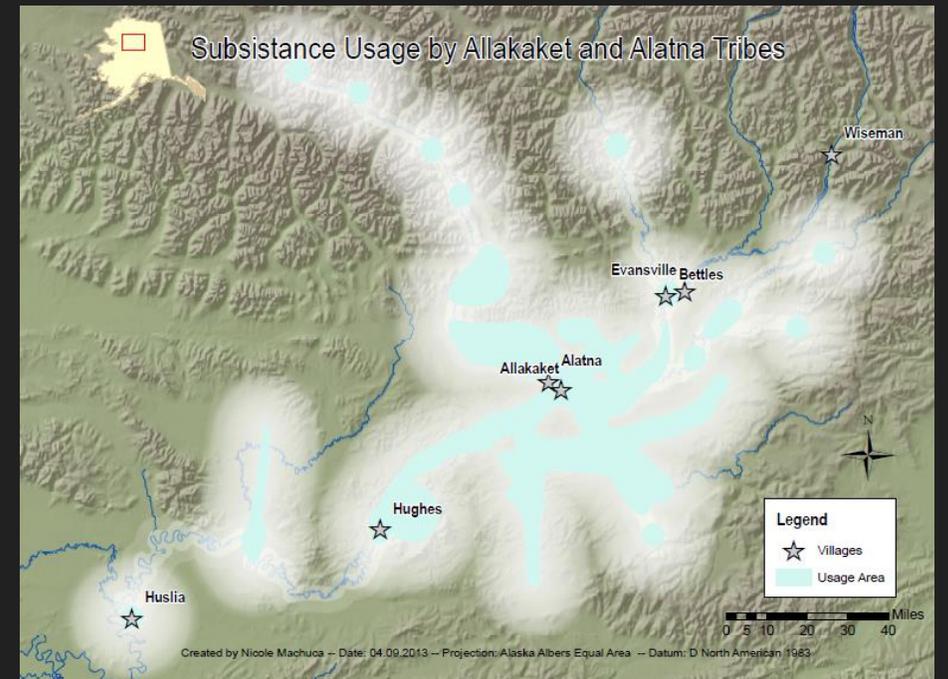
- “I don’t know if we need more access, I think, I don’t think we need more big access, it’s the little access for the, the kayaker, the canoer, the fisherman that doesn’t own a boat to get out on the water. And places like this, where people can come down and don’t live on the water could come out here and enjoy the view and the wildlife and stuff. It’s that kind of access.”

What does AOC ACCESS mean to YOU?

- Guides your communication
- Shows you understand the community
- Justifies your work
- Creates buy-in
- Final design

General Take-Aways: Using Social Science Research

- Understanding their history & story
- Identify gaps in understanding
- Can link to other scientific studies
- Approaches to Projects
 - Decide → announce → defend
 - Integrating community voice



THANK YOU!

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