

Final Project Proposal Swap Critique

Please make this document anonymous.

Team name: *Yogi Bears*

TA name: *Kelly Patel*

Critique for project of team name: *Watermap*

Note: when submitting this document to Gradescope, make sure to add all other team members to the submission. This can be done on the submission page after uploading.

Critique Instructions

You should have received an email from the STAs with an anonymous proposal from another team.

Please read the other team's proposal, and analyze it to list at least 5 socially-responsible computing concerns.

These could be direct responses to their answers to the SRC prompts, new aspects that you think the team missed, or something else. Each concern should be described in 1-2 sentences.

For each additional reasonable concern expressed beyond 5, you will earn +0.5 extra credit points on your final project grade [up to 5 points total].

Critique

1. We believe Team Watermap has failed to address the impact of their project on indigenous communities. If a body of water is on indigenous land, the question arises whether surveillance and subsequent water mapping would be of indigenous autonomy over their land.
2. Another concern stems from the question: who will have access to the data generated from the water mapping software? If the information is publicly available, mal-intentioned actors may be able to exploit the limited water supply.
3. Alternatively, the data from the watermapping software could be sold to companies either by software engineers or the federal government. As a public good, who has control over how this water will be used, especially if it is on private property like farmland?

4. Before asking the question of how the water will be used, we must also ask the question *should* the water be used? Making water-mapping information available to various actors could result in the disruption of natural habitats, sparking a debate surrounding land and water conservation.
5. Finally, there is also a concern surrounding how wildlife and eco-diversity will be affected by the water-mapping software. Given the anthropocentric nature of society, these living beings needs may be diminished and forgotten about.