Outreach & Pre-Application Prep

Create a Project Overview

1. Write up a short 2-3 paragraph overview of the Aqua Guardian inlcuding:
    1. What is the Aqua Guardian's purpose?
    2. How will the Aqua Guardian help the local community and why is it better than the water quality buoys deployed in oceans?
    3. Where do we intend to deploy it...why there?
    4. Why are we doing this project?

Envronmental Group/DPR Outreach

1. Search to find local environmental groups who might take an interest in the project.
2. Send them an email, and ask to meet and discuss our plans?
3. At the meeting:
    1. Discuss what we plan to accomplish.
    2. Ask what data is important to them for analyzing water quality.
    3. Ask what about our local water bodies (streams and lakes) particulary interests them and what data they need for policy change.
    4. Ask for funding if they express an interest in our project?
4. Go to Howard County's Depart of Parks and Recreation to propose our project and ask for permission to test in local waters (Middle Patuxent River, Lake Kittamaqundi, Lake Elkridge, etc)

Post-Outreach

1. Revise what we can measure with currently planned sensors and adjust as necessary
2. Research into any concerns any of the envoronmental groups reached out to have about our waters.
3. Collect quantitative data about local waters.
4. Find the interval periods between the current time between measurements of local water bodies.

5 Question Responses (1000 character limit per question)

1. Answer each question in the Student Guide by doing the following:
    1. Cite any important or meaningful information found by reaching out to envrionmental groups to establish a problem in our community.
    2. Cite the quanitatives data collected to further provide evidence of the problem.
    3. Quote expert opinions (envronmental groups) about how our project will help them.
    4. Emphasize the open-source apsect of our project.

Mr. Cramer Application by Nov.5

1. Get Mr. Cramer signed up with SSFT
2. Send a copy of the responses to the 5 questions and any other information required
3. Submit our Application!