Required Devices

For this project we are going to do the followings and use the following devices and components:

1. NASA Dataset about ocean current and oceanic garbage patches;
2. Raspberry pi for image processing;
3. Manual dataset for image processing;
4. Drone for monitoring garbage;
5. Garbage collector with solar panel and GPS tracking;
6. Mother collector for secondary waste collection and processing further disposal and guiding the garbage collector;
7. Mother collectors will have the power to charge the garbage collectors in case of emergency;
8. Wireless charging pad;