

Project Drone River: a crossroad between human efforts and artificial intelligence



PhD candidate [Alberto Camacho](#) and Masters of Applied Computing student [Patricio Córdova](#) are making a splash in the environmental sphere with their project: Drone River.

Drone River uses artificial intelligence and drone technologies to automate monitoring, inspection and conduct water quality reports of rivers. The prototype is composed of a call centre that automatically processes calls and gathers information from social media. Sensors are placed along a river where the drones then implement monitoring tasks.

The project was created for the [AquaHacking Ottawa River Summit 2015](#).

Drone River can monitor the health a body of water resourcefully. Performing tasks that would otherwise require a lot of people, are repetitive or time consuming for humans.

For Camacho and Córdova the goal of this drone is not to replace humans. It is a collaborative effort between humans and intelligent machines to that solve problems more efficiently.

Read more

- [Environmental Monitor](#)
- [U of T News](#)