

## SMART WATER QUALITY MONITORING SYSTEM

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Good Water Quality system is essential for the habitants of the ecosystem above and below the land.A system which regularly monitors the water quality and providing real time data is necessary. Traditional water measurement method, mostly done in labs could not help so much for making timely and informed decisions needed The new method called Water Sensor Network is used in place,to acquire and serve data in real time, but most of them are a type of fixed location platform that makes them lack the sufficient mobility. In this paper, we present a new technology for monitoring the aqua -tic ecosystem.The overall system consists of water quality sensors Such as pH Sensor, Gas Sensor, Flow Sensor, Temperature sensor Software was being developed using open source technology aiming providing continuous and autonomous water quality measurement at substantially reduced cost.

