

# Flood Detection using Arduino

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**Abstract:** *During rainfall, unmanaged drainage system in various geographical regions lead to floods and many lives are lost. If we have some system which can give an individual an early alert regarding flood then we can save lives of people, a system which uses latest technology to detect the increase in water level and alert people beforehand so many people can be evacuated. So here we are going to represent you a prototype which can be used to detect water level using ultra sonic sensors, and it will give an alert using arduino on the app that we have developed for the end user.*

**Keywords:** Water level, Arduino, flood, alert, detection, disaster