

IoT Based Flood Monitoring and Alerting System

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Abstract: *A flood is an overflow of an expanse of water that submerges land. The EU floods directive defines a flood as a temporary covering by water of land not normally covered by water. In the sense of flowing water, the word may also be applied to the inflow of the tide. Flooding may result from the volume of water within a body of water within a body of water, such as a river or lake, which overflows or breaks levees, with the result that some of the water escapes its usual boundaries. while the size of a lake or other body of water will vary with seasonal changes in precipitation and snow melt, it is not a significant flood unless such escapes of water endanger land areas used by man like a village, city or other inhabited area.*

Keywords: Flood monitoring

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