

Name of product : i-Warner

Researcher details

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Faculty : FIK

Cluster/Area of study : Electronic

Status of the product : Prototype

Product description :

i-WARNER is a system to assist flood prone victims to take preemptive actions in time before being hit by the unexpected flood, thus avoiding massive loses. Flood hit area may also sometime caused massive traffic congestion, as road users become stuck in the flood due to lack of information or warning pertaining to water levels on certain roads or areas. As always, the main concern during the flooding, is the issue of managing the relocation of residents of areas hit by flood. The employment of i-WARNER is based on integrating ultrasonic sensor at certain locations with the information system. Water levels is gauged at certain intervals and communicated to i-WARNER system using GSM services, whereby it will be processed and transformed into reports and warnings. i-WARNER's main impact is that it is able to anticipate various situations based on the water level reading. Thus prompt action can be taken to avoid been caught by surprise of the sudden flood.

iW RNER

