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(57) Abstract :

The present disclosure provides a hydrological parameters monitoring system 100. The system 100 includes sensors 102 configured with a river in a vertical position to sense attribute associated with flow rate of water in the river. The system 100 includes a monitoring unit 104 operatively coupled with the sensors 102, where the monitoring unit 104 is configured to monitor real-time liquid flow rate and compare the monitored real-time liquid flow rate with a pre- determined or a configurable liquid flow rate data, where based on comparison, when the monitored real-time liquid flow rate is more than or equal to threshold liquid flow rate data, the monitoring unit 104 alerts responsible authorities.

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