



# Cloud-based flood forecasting and warning service

Severe rainfall and flooding events are becoming more frequent and consequential. It is vital that both emergency responders and communities are properly informed about impending flooding. This includes critical triggers for response actions to appropriately prepare and respond to floods and minimise consequences.

## Our Services

A simple and effective cloud-based Water Information System for Early Response (WISER) provides the evidence base for more effective decision making on flood emergency response and flood management in a clear, easy-to-use interface that does not require specialist expertise or experience to use.

The WISER Flood Alert portal provides :

- Flood warning and alerts to responsible authorities, emergency responders and communities
- Dashboards displaying forecast and real-time meteorological, hydrological and flood information
- A cloud SaaS solution (no user maintenance)
- Gauge and gridded data (rainfall and inundation)
- Modelling and analysis platform that includes various open source and commercial software and analytical tools
- Supports riverine, flash/stormwater and coastal flooding

## Your Benefits

- Improve community resilience and response
- Improve disaster preparation and response
- Provides a combination of early initial warning time and increasing accuracy as an event approaches by using alerts based on:
  - ensemble forecast rain (10%, 25%, 50%),
  - NowCast forecast rain
  - observed gauge and radar rainfall
  - forecast river levels
  - observed river levels.
- Available anywhere, on any device via a web browser
- No need to be a system expert
- No hassle to support and maintain. You just subscribe

