Crowdsourcing and Crisis Mapping in Flood Management

Crowdsourcing is a means of obtaining information, ideas and services from large groups of people. It is an innovative and useful approach for **Crisis Mapping**, the real-time gathering, display and analysis of data during a crisis.

How can crowdsourcing and crisis-mapping be used in flood management?

Crowdsource data for early warning systems

Crowdsource emergency mapping

Crowdsource disaster response information distribution

Crowdsource crisis-mapping for disaster recovery

Crowdfund for disaster response and recovery

What are the benefits?

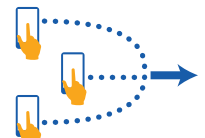|		
Magnitude	Flexibility & speed	Resource optimization
Accuracy	Engagement & awareness	Solidarity action

What are the challenges?

Data validity	Data quality & quantity	Difficulty in forecasting events
Digital divide	Privacy, security & ethics	Integration with other systems

WORLD METEOROLOGICAL ORGANIZATION

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