



Urban Flood Prediction system ^{2B}

Capable of 40 to 50 min. flood damage prevention activities against torrential rainfall

Information on 1-hour-ahead flood depths and areas can be distributed within 10 minutes via email.



Flood water flowing into underground shopping area in Fukuoka city in June 1999. Photo by Kyushu Regional Development Bureau, Ministry of Land, Infrastructure, Transport and Tourism

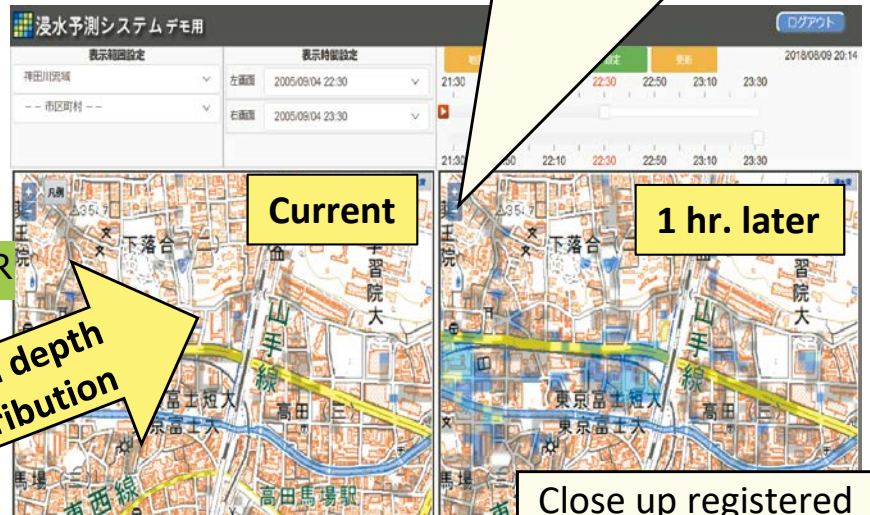
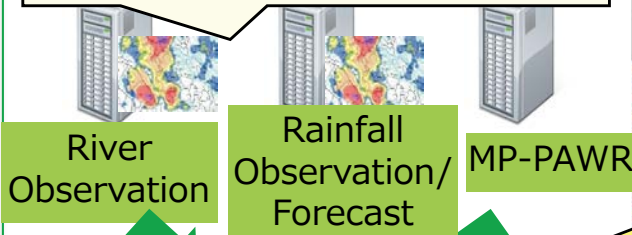
Earlier information on flood depths and areas can contribute greatly to evacuation activities and facility damage prevention.

Social experiments in the Kanda River Basin in Tokyo

The system is capable of delivering an Early Warning against urban flooding as of 40 to 50 minutes before. A social experiment is in progress in an area of about 100 km² in Tokyo.

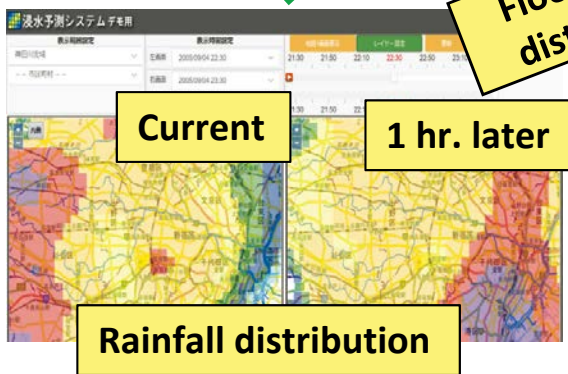
Forecast & Observation data are taken into the system, and urban flood prediction information is distributed at 10-minute intervals.

The predicted flood depth of each area of the 25 m grid is displayed.

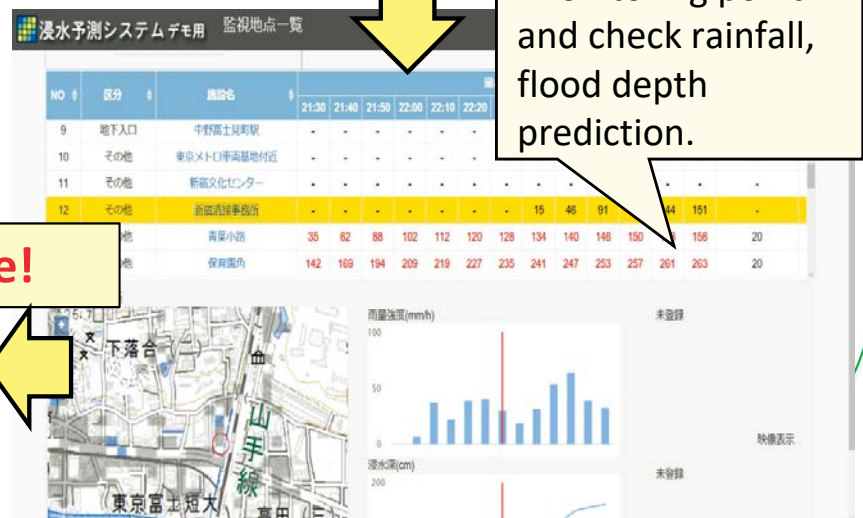


Forecast & Observation data

Flood depth distribution



Close up registered 'monitoring point' and check rainfall, flood depth prediction.



Prevent/reduce flood damage!

Residents

Emergency responders



Contact information

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<http://www.jst.go.jp/sip/k08.html>