





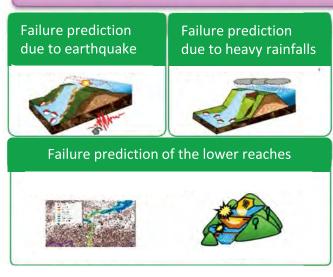
Providing information on failure prediction and inundation areas of irrigation ponds to announce evacuation advice during disasters

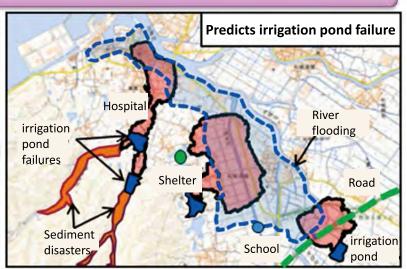
Disaster Prevention Support System for Imigation Ponds (DPSIP)

To ensure safety of irrigation ponds to support Japanese agriculture



Prediction of irrigation pond failure and damage by DPSIP



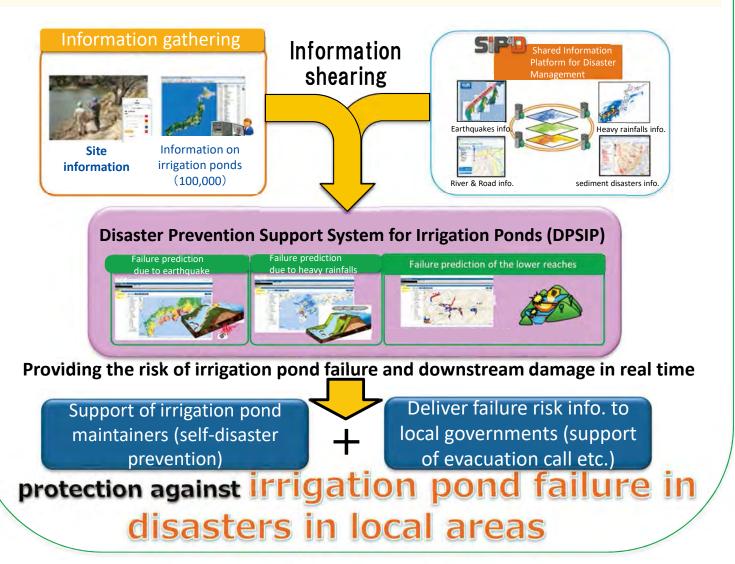


Based on the information on Heavy rainfall and earthquakes from SIP4D, DPSIP predicts the automatic irrigation ponds

in all over the country!

Predicting irrigation pond failure and damage in disasters by DISIP

- Main features of Disaster Prevention Support System for Irrigation Ponds
- ①: use information on irrigation ponds (about 100,000), their maintainers, and SIP4D
- ②: estimate embankment settlement based on earthquake intensity and predict the risk of irrigation pond
- 3: predict the time of both overflow and failure using rainfall forecasting
- 4 : predict downstream damage caused by failure



For more information

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