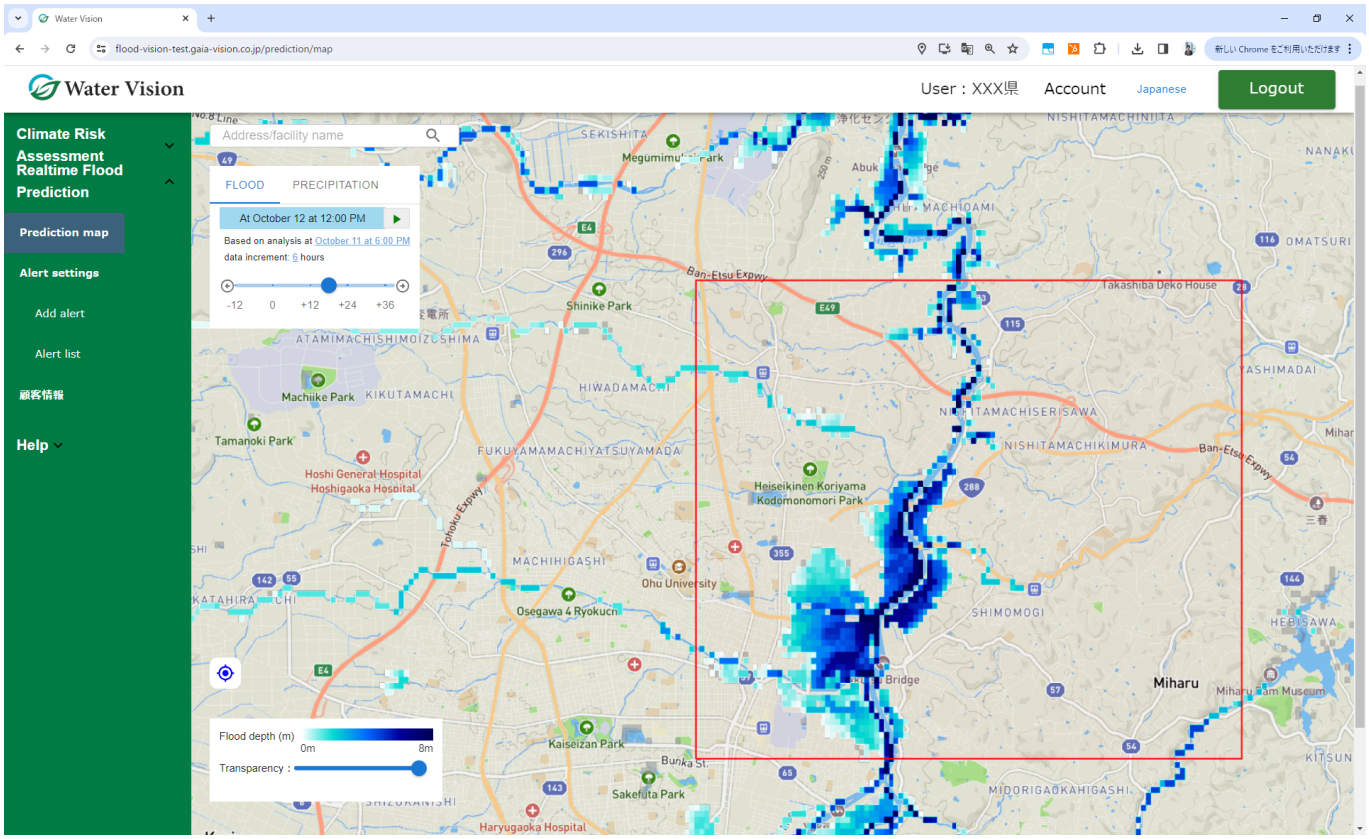
Gaia Vision

Water Vision - High-resolution Flood Forecast solution

Predicts flood extent and depth up to 1.5 days ahead



Hazard

Cyclone Flood

Solution Purpose

Prevention & Mitigation Preparedness

Solution Theme

Risk Assessment Disaster Prevention Plan Infrastructure Technology Information & Communication Technology

Technology Subject

Hazard Identification Hazard Simulation Risk Monitoring Impact & Damage Simulation Business Continuity Plan River & Basin Dam & Reservoir Information Gathering Information Analysis & Judgement Information Communication

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Advantages

This solution provides real-time, high-resolution forecasts of flood coverage and depths up to 1.5 days in advance. It is difficult for local governments and companies to make decisions on evacuation orders and predictive maintenance of facilities when heavy rain is predicted. By utilizing this solution, it is possible to understand when and where flooding will occur, leading to appropriate decisions.

Solution Illustrated

Background

Exposition of the Solution

Achievements of Examples

Other References

Corporate Profile

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