Mitsubishi Research Institute

Realizing digital transformation (DX) in disaster management

Achieving more prompt and effective disaster management by utilizing digital and smart technologies

Hazard

Earthquake Tsunami Cyclone Storm Surge Flood

Solution Purpose

Prevention & Mitigation Preparedness Response Recovery

Solution Theme

Research & Investigation Risk Assessment Disaster Prevention Plan Infrastructure Technology Education & Training Evaluation

Technology Subject

Research Feasibility Study Hazard Simulation Impact & Damage Simulation Legislation & Technical Regulations Mitigation Plan Urban Human Resource Development Training & Exercises Post Training Evaluation

Advantages

We help stakeholders implement a holistically optimized network that utilizes digital twin, observation and forecasting technologies, and personal data to meticulously estimate, collect, and share

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information of hazards and damages, and to enable rapid decision-making and information provision by local authorities, emergency response in cooperation with the private sector and personalized evacuation assistance.

Solution Illustrated

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