

Flood Forecast and Comprehensive Disaster Assessment

Nippon Koei Co., Ltd.

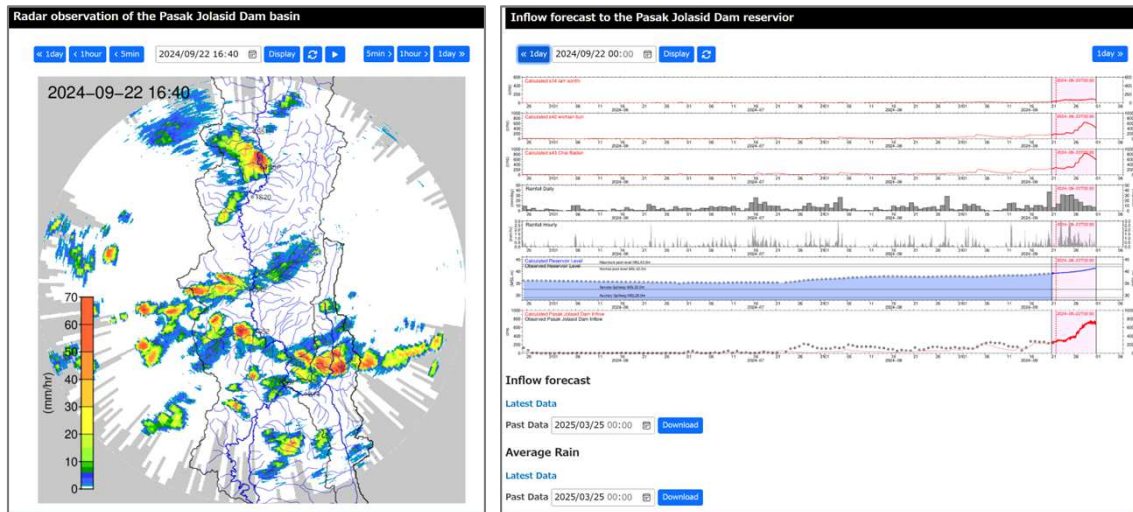
Abstract

A case study using a Japanese-made X-band MP radar at the Pasak Jolasid Dam, managed by Thailand's Royal Irrigation Department, for high-accuracy rainfall observation, applied to reservoir management.

The system fully utilizes RID data resources and TMD forecasted rainfall.

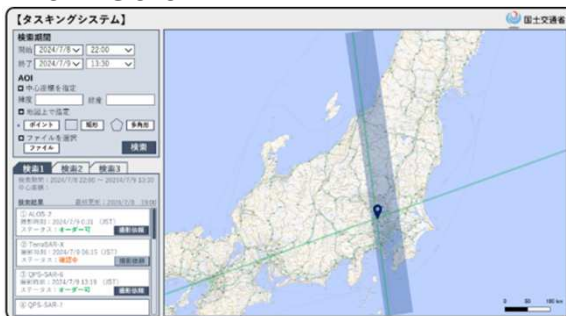
In addition, we will introduce the efforts of public-private partnership in Japan for understanding the whole picture of damage situation at the time of disaster using satellite data.

Rapid assessment of the disaster situation is expected by early observation using multiple (domestic and international) satellites and establishment of one-stop system visualizing disaster information.



*High-precision rainfall observation using the X-band MP radar.
Forecast flood inflows and develop reservoir management plans.*

TASKING SYSTEM



DISASTER INFORMATION WEB



*Select survey sites using a tasking system with multiple satellites.
Display disaster information, such as flooded areas, on the web.*