

# Transportation Research Services Emergency Response Management



NEXCO-West USA excels in providing research services on civil engineering and transportation topics, with a focus on US and Japanese industry trends. We have over a decade of experience in compiling resources on civil structures, and several decades in the management of emergency response.



## Disaster Planning, Structural Preparedness



## Earthquake Response



## Evacuation Planning



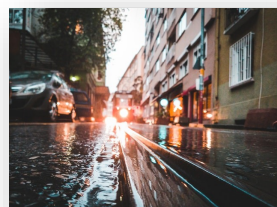
## Hurricane Response



## Risk Assessments



## Flooding Response



# Our Advantage

We are able to benchmark (compare and contrast) practices in the US and Japan by leveraging our global professional network, our knowledgeable team of engineers, and our collection of information on private and public engineering organizations. As Japan is the frequent target of many natural disasters, it has become the world leader in emergency management. We offer the experience of managing our own highway system, along with updates on the most recent advancements in the field.



# Past Research Projects

## Study of Current Practice in US

After reaching out through our network and attending three events on emergency management in the US, we compiled information on the various response procedures observed on the city, state, and federal levels for a client in Osaka, Japan. They reviewed the practices and looked for ways to improve their own.

## Risk Assessment for Assets in Japan

NEXCO constantly updates reports on risk assessment for each structure they own. One example is of a bridge hit by an earthquake in Kyushu, Japan. This bridge was tested using IRT and HD visual imaging, and results pre and post earthquake were compared to assess damage.



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