

Second announcement

International Workshop on Road Disaster Management

Enhancing Cooperation, Coordination and Diversity



**Invitation to Our Hybrid Workshop
Face to face and Virtual (ZOOM)**

**Date: May 27th, 2025
Nakanoshima Conference Hall (Osaka, Japan)**

Organized by
-Japan Road Association
-PIARC TC1.5 "Disaster Management"

Specially cooperated by:
-REAAA Climate Change, Resilience and Disaster Management Working Committee

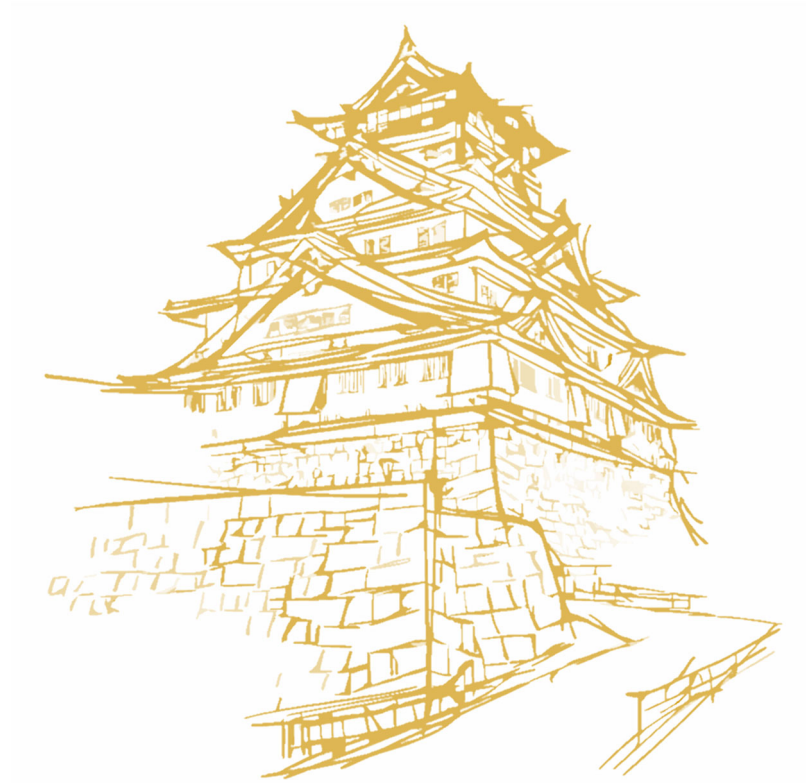
Specially supported by:
-Hanshin Expressway Group and Hanshin Expressway Research Institute for Advanced Technology



International Workshop on Road Disaster Management Enhancing Cooperation, Coordination and Diversity

Supported by:

- Japan Road Association
- PIARC TC1.5 Disaster Management
- Road Engineering Association of Asia and Australasia
- Hanshin Expressway Group and Hanshin Expressway Research Institute for Advanced Technology
- East Nippon Expressway Company Limited
- Central Nippon Expressway Company Limited
- West Nippon Expressway Company Limited
- Metropolitan Expressway Company Limited
- Honshu-Shikoku Bridge Expressway Company Limited
- Public Works Research Center
- Japan Geotechnical Consultants Association
- Japan Anchor Association
- Japanese Technical Association for Steel Pipe Piles and Sheet Piles
- Japan Bosai Platform
- Nippon Koei Company Limited
- CTI Engineering Company Limited
- Chodai Company Limited
- People, Dreams & Technologies Group,



Workshop Secretariat:

PIARC TC 1.5
FUJITA Tomohiro (NILIM, JAPAN)
OBATA Yoshinori (HIT, JAPAN)
E-mail: osakaws@hit.or.jp



PIARC (The World Road Association) is a non-political, non-profit organization whose mission comprises organizing international forums, disseminating best practice and promoting efficient tools for decision making in the road transport field. As part of its work, international workshops focused on various topics are organized.



Japan Road Association (JARA) is a non-profit organization, founded in 1947. It carries out valuable activities with the objectives of studying road policies that are essential to people's lives, disseminating knowledge of roads, and promoting the development of roads and transport.

Technical Committee 1.5 – Disaster Management

Technical Committee 1.5 will progress topics related to improving the way road agencies manage during natural disasters. Disaster management is a critical issue facing road administrators. Natural disasters such as floods, landslides, and earthquakes can have a devastating impact on road networks, disrupting transportation and causing significant economic and social harm. By developing robust disaster management plans and investing in infrastructure designed to withstand these events, road administrators can help to mitigate the impact of disasters, ultimately improving the safety and resilience of their networks.

In the 2024-2027 cycle, the Technical Committee will focus on disaster management against “Extreme weather” and will work on exploring “Operational planning aspects of enhancing extreme weather resilience” under the three topics listed below. These topics will help guide investments in future roads.

- Coping with extreme weather
- Social resilience within communities and public authorities for extreme weather
- Infrastructure resilience for supporting supply chain during extreme weather events

Workshop Objectives

This workshop aims to share world case studies and exchange information between countries about disaster management.

The main topic is “Social resilience within communities and public authorities to cope with extreme weather and gender inclusion and diversity in extreme weather”.

Social resilience: in the context of road administration, may refer to the collaboration between road managers, road users, communities and public authorities. Community preparedness activities such as education and training, along with involvement/input in response activities such as participating in drills and exercises will also be discussed in this workshop.

GID in disaster management: Recently, not many, but certainly a growing number of studies have found a need for consideration of disaster vulnerable groups such as the elderly, infants, disabled, language minorities, or sometimes digitally challenged. Possible and necessary responses to GID in times of disaster will be examined from a broad perspective.

About the Workshop in OSAKA, JAPAN:

Date: May 27th, 2025

Time: 09:00-17:30(UTC+9), 00:00-8:30(UTC)

Venue: Nakanoshima kaikan (Osaka, Japan)

Address: 3 Chome 2-4 Nakanoshima, Kita-ku, Osaka-shi, Osaka, JAPAN)

<https://maps.app.goo.gl/YkJ46xf98aKuTXMi7>



How to Participate:

We will conduct hybrid workshop and offer two options for participation to suit your convenience. Please apply from the following address

In-Person Attendance on site venue:

Venue: OSAKA, JAPAN



<https://forms.gle/8VH2Q3U5CzUHNWRq7>

Limited seating available. Please register early to secure your spot.

Online Attendance on WEB sit

Platform: ZOOM



https://us06web.zoom.us/webinar/register/WN_0GIL02kRQdghwVP5F3gHwg

A participation link will be sent to you after registration.

Registration Fee:

Free of charge for all participants.

Participation is expected once you have registered. Cancellation of the registration will be possible, but must be informed to **Workshop Secretariat**



Languages:

Official languages of the seminar will be **English and Japanese**, and simultaneous translation will be provided.

Reception:

A reception is planned from **6PM May 27th after the workshop**. Details are given below. Pre-registration is required for participation; please contact the Secretariat by May 20.

Date: May 27th, 2025

Time: 18:00-19:30(UTC+9)

Venue: Saint Mark's (restaurant) :(3rd floor of the same building as the workshop venue)

Address: 3 Chome 2-4 Nakanoshima, Kita-ku, Osaka, JAPAN

Fee: 4,000yen

International Workshop on “Road Disaster Management: Enhancing Cooperation, Coordination and Diversity”

Date: May 27th, 2025
Venue: Nakanoshima Kaikan (Osaka, Japan)

Organized by: Japan Road Association and PIARC TC1.5 “Disaster Management”
Specially cooperated by: REAAA Climate Change, Resilience and Disaster Management Working Committee
Specially supported by: Hanshin Expressway Group* and Hanshin Expressway Research Institute for Advanced Technology
Supported by: NEXCO-East, NEXCO-Central, NEXCO-West, Metropolitan Expressway, Honshu-shikoku Expressway, Public Works Research Center, Japan Geotechnical Consultants Association, Japan Anchor Association, Japanese Technical Association for Steel Pipe Piles and Sheet Piles, Japan Bosai Platform, Nippon Koei, CTI Engineering, Chodai, People, Dreams & Technologies Group

	Session Type	Session Title and Speakers	
09:10	Opening Session (25min.) Moderated by Tomohiro FUJITA (JPN)	Welcome remark Welcome remark Welcome remark Welcome remark Welcome remark Opening remark	Shigeru KIKUKAWA, JARA Emanuela STOCCHI, PIARC ● Patrick MALLÉJACQ, PIARC Caroline EVANS, PIARC Kouichi YOSHIDA, Hanshin Expressway, JPN Yukio ADACHI, PIARC Technical Committee 1.5
09:35	Break (5min.)		
09:40	Technical Session I (80min. 15min./Each) Moderated by Alain LEFEBVRE (BEL)	<u>Road Disaster Management -Good practices of coordination in the road and road related sectors-</u>	
		<ul style="list-style-type: none">● Road Emergency Management in Chile coping with extreme events● Road Clear Ice Prediction System● Safe and efficient winter road operations on expressways in snowy and cold regions● Efforts for Early Closure and Reopening of Urban Expressways During Earthquake Occurrences	Marcelo MEDINA, Road Directorate, CHL TC1.5 Jongwook JO, Korean Expressway, KOR, TC1.5 Toshiyuki OKA, NEXCO-C, JPN Kenichi MINAMINO, Hanshin Expressway, JPN
11:00	Break (10min.)		
11:10	Technical Session II (80min. 15min./Each) Moderated by Jongwook JO (KOR)	<u>Road Disaster Management -Good practices of cooperation among various stakeholders-</u>	
		<ul style="list-style-type: none">● Interdisciplinary research to advance road weather and disaster management in future infrastructure and climate● Good Practices Observed by the FHWA● Efforts to improve efficiency and sophistication of infrastructure management at Metropolitan Expressway●Efforts to improve safety and efficiency of traffic closure procedures	Amanda Siems-Anderson, National Center for Atmospheric Research, USA, TC1.5 Jason CARNES, FHWA, USA, TC1.5 Kenta SHOJI, Metropolitan Expressway, JPN
12:30			Kodai SHIMOSE, Honshu-shikoku Expressway, JPN
Lunch	Lunch (60min.)		
13:30	Special Session (30min.) Moderated by Hiroaki MIYATAKE (JPN)	<u>Noto Peninsula Disasters: Coordination and cooperation in disaster management and its lessons</u>	
		<ul style="list-style-type: none">● Noto Peninsula Disasters: Coordination and cooperation in disaster management and its lessons	Toshihide TANI, MLIT, JPN
14:00	Break (10min.)		
14:10	Panel Session I (PIARC&REAAA) (90min. 7min./Topic) Moderated by Caroline EVANS (AUS)	<u>Challenges in resilience building for road disaster management coordination and cooperation in different regions.</u>	
		<ul style="list-style-type: none">● Highway Closure Restriction before Disaster with Considering Intensity and Cumulative Volume of Rainfall● Rapid Impact Assessment - The UK journey to embed resilience across a Nation● The Use of Alerting Systems and Technology to Enhance Preparedness and Coordinated Responses to Natural Hazards● Impact of Extreme Weather Events Across Bordering Countries● NEXCO-West’s initiatives toward stronger disaster response capability● Coordination and Cooperation of Nature-based Solutions for Resilient and Sustainable Slopes in Thailand● US Coordination Among Federal, State & Municipalities to Build Transportation Resilience	Akira MITSUISHI, NEXCO-E, JPN John LAMB, UK Chair - Adaptation, Biodiversity & Climate Board, TC1.5 Willis MACBETH, WSP, NZL & REAAA ● Kwanele SIMELANE, SANRAL, ZAF, TC1.5 Hiroshi FUJIWARA, NEXCO-W, JPN Auckpath SAWANGSURIYA, Dept. of Highways & Apiniti JOTISANKASA, Kasetsart University, THA & REAAA ● Christopher ENGELBRECHT, Missouri DOT, USA, TC1.5
15:40	Break (10min.)		
15:50	Panel Session II (90min.) Moderated by Saki YOTSUI (JPN)	<u>Learning more about diversity and inclusion in road disaster management</u>	
		<ul style="list-style-type: none">● Disaster Management from Diversity and Inclusion Perspective●Equality in Snow Clearance in Sweden● Diversity Initiatives and Challenges in Disaster Response at West Nippon Expressway● Building the New Fitzroy River Bridge	Keiko SAITO, World Bank Miwako KITAMURA, Tohoku Univ., JPN Michael ANYALA, Asian Development Bank ● Heather Griffin, Resilience, Highways and Transportation, UK, TC1.5● Tomomi HASEGAWA, NEXCO-W, JPN Belinda STOPIC, Main Roads Western Australia, AUS ●
17:20	Closing Session (10min.) Yoshinori OBATA (JPN)	Closing Remark Closing Remark Closing Remark Closing Remark	Yasuhiro ISHIHARA, JARA Patrick MALLÉJACQ, PIARC Katsuji HANSHIBA, REAAA Yukio ADACHI, PIARC TC1.5
17:30			

(*: Hanshin Expressway Co., Ltd., Hanshin Expressway Engineering Co., Ltd., Hanshin Expressway Technology Co., Ltd., Naigai Construction Co., Ltd., Information Technology Co., Ltd., Techno Hanshin Co., Ltd., Highway Control Co., Ltd., and Hanshin Facility Survey Co., Ltd.)
● : Online participants

Workshop program:

- Technical Session 1: Road Disaster Management: Good practices of coordination in the road and road related sectors-
- Technical Session 2: Road Disaster Management: Good practices of cooperation among various stakeholders
- Special Session: Noto Peninsula Disasters: Coordination and cooperation in management and its lessons
- Panel Session 1 (PIARC & REAAA): Challenges in resilience building for road disaster management coordination and cooperation in different regions.
- Panel Session 2: Learning more about the diversity and inclusion in road disaster management

*Details of the following programs are being worked out

Technical visits:

Pre-registration is required for participation; please contact the Secretariat by May 20.

Date: May 29th, 2025

Time: 08:30-17:30(UTC+9)

Venue: Akashi kaikyo bridge and Himeji castle

Tour fee: Free (Exclusive for international participants)

*We will climb the main tower of Akashi kaikyo Bridge and visit to Himeji Castle



Akashi Kaikyo Bridge

The Akashi Kaikyo Bridge is one of the world's longest suspension bridge. It spans the Akashi Strait, connecting Kobe and Awaji Island in Japan, with a total length of 3,911 meters. Opened in 1998, it is a symbol of modern engineering.



Himeji Castle

Himeji Castle, also known as the White Heron Castle, is a UNESCO World Heritage Site and one of Japan's most famous castles. Located in Himeji City, it is renowned for its elegant white exterior and well-preserved wooden structures, dating back to the 17th century.

International Workshop on Road Disaster Management Enhancing Cooperation, Coordination and Diversity

Organized by:

Japan Road
Association



PIARC



Specially cooperated by:

REAAA



Specially supported by:

Hanshin Expressway
and group companies*



Hanshin Expressway Research Institute for
Advanced Technology



*Hanshin Expressway Group Companies

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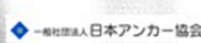


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Association

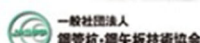


Japan Anchor
Association



一般社団法人日本アンカー協会

Japanese Technical
Association for Steel
Pipe Piles and Sheet
Piles



一般社団法人
鋼管杭・鋼矢板技術協会

Japan Bosai Platform

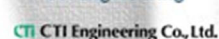


JBPA Japan Bosai Platform

Nippon Koei



CTI Engineering



CTI Engineering Co., Ltd.

Chodai



CHODAI CO., LTD.

People, Dreams & Technologies Group



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