International Seminar on Disaster and Risk Management for Roads
2nd announcement

7th-9th November 2018
- Hanoi Daewoo Hotel, 360 Kim Ma Street, Ha Noi, Vietnam

General Introduction
Seminar Overview:
The PIARC international seminar on “Disaster and Risk Management for Roads” will be organized by the World Road Association-PIARC, Directorate for Roads of Viet Nam (DRVN), University of Transport and Communications (UTC), Viet Nam Road and Bridge Association (VIBRA) and the Road Engineering Association of Asia and Australasia (REAAA), in cooperation with the World Bank. The seminar will be held from 7th to 8th November 2018.
This seminar is a part of the PIARC Programme of International Seminars. It will make the results of PIARC’s work more widely known in Asia and meet the increasing demand of disaster and risk management in road operations in Viet Nam. It will bring together representatives of governments and related organizations as well as industry experts and researchers from many countries to share knowledge and expertise, to exchange ideas and experiences, to transfer information and technology and to study a wide range of issues particularly related to disaster and risk management for roads.
The seminar will be organized jointly by the PIARC Technical Committees E.3 “Disaster Management” and A.3 “Risk Management,” Directorate for Roads of Viet Nam, Viet Nam Road and Bridge Association (VIBRA) and University of Transport and Communications. The REAAA will also be involved.
The call for papers seeks submissions which address one or more of the following session themes:
- Introduction of risk and disaster management theory and techniques in the road sector
- Best practices in risk management associated with natural and man-made disasters and climate change in the road sector
- Best practices in contingency planning and response to natural and man-made disasters and climate change in the road sector
- Social acceptance of risks and their perceptions in road-related activities
Objective of Seminar
The main objective of the seminar is to provide a platform for participants to exchange ideas on disaster and risk management in road operations and especially, the establishment and implementation of contingency plans and rescue. All the participants will share approaches that have been used to evaluate the risks and disaster associated with climate change, man-made disasters and security threats. In addition, participants will discuss the strategies that are being applied to reduce or mitigate the risks associated with these events, identify best practice, analyze relevant techniques, and study the factors affecting social reaction to risks in road-related activities and methods that are used to measure people’s acceptance of risks. It is also an objective of the seminar to assist road authorities to efficiently and effectively undertake disaster and risk management.

Methodology
The sessions will be held in such a manner in order to optimize the time available for the discussion of the themes, so as to generate dynamic and highly involved exchanges among the participants.

Language
The official language of this seminar will be English, and simultaneous translation to and from Vietnamese will be available during the seminar.

Overview of Seminar Programme
The programme will consist of opening and closing ceremonies, technical sessions including discussion on 7th-8th November, and a technical visit on 9th November 2018.

Registration
Registration Fee.
1) Participants from upper middle income and high income countries: 400 USD per person
2) Participants from Lower-middle-income and low income countries: 130 USD per person (1/3 of the above category)
3) PIARC members: 300 USD per person (25% reduction from the top above category)
4) Students: 90 USD per person
5) Participants from Viet Nam: 100 USD per person
6) Accompanying person: 150 USD per person

The methods of payment: either of these options:
1. Pay by cash or credit card at the registration desk on 7th and 8th November 2018
   3% additional fee will be charged when paid by credit card.
2. Wire Transfer via the below bank account no later than 2\textsuperscript{nd} November 2018
5\% additional fee will be charged.

\textbf{Account Name: HOABINH INTERNATIONAL TOURISM AND TRADING INVESTMENT COMPANY LIMITED}
Shortened Name: HOA BINH INTERNATIONAL TOUR CO., LTD
Name of bank: Joint Stock Bank for Foreign Trade of Vietnam (VIETCOMBANK – Operation Center)
Bank Address: 31 – 33 Ngo Quyen street, Hanoi, Vietnam
Account number: 00.11.37.33.12.796 (USD)
00.11.00.33.12.740 (VND)
Swift code: BFTVNVX001

\textbf{General information}
For general information, please go to the below link:
http://hanoipiarc2018.vn/

\textbf{Seminar Venue}
The seminar will take place at Daewoo Hotel, Ha Noi.
http://www.daewoohotel.com/en

\textbf{PIARC Special Fund}
The PIARC Special Fund can cover up to 100\% of travel expenses or up to 100\% of accommodation expenses for participants from developing countries (low middle income and low income countries). The rules relating to the use of the Special Fund are available on the PIARC website: www.piarc.org, in the PIARC Member Guide.

\textbf{Seminar Contact Persons:}
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Some photographs of Ha Noi:

Some photographs of Tan Vu Bridge – Lach Huyen Province:

More information, visit the website: https://north-vietnam.com/tan-vu-lach-huyen-bridge-in-hai-phong/
DRAFT AGENDA

INTERNATIONAL SEMINAR ON DISASTER AND RISK MANAGEMENT FOR ROADS
Hanoi Daewoo Hotel, Hanoi, Vietnam
November 7-8, 2018

Organized by
World Road Association (PIARC) TC E.3 and TC A.3
Directorate for Roads of Vietnam
Vietnam Road and Bridge Association
Road Engineering Association of Asia and Australasia (REAAA)
University of Transport and Communications, Vietnam

In cooperation with
World Bank

Wednesday, November 7

8:30-9:00 Registration

9:00-9:40 Opening Session
Remarks by Vice Minister, Ministry of Transport, Vietnam (optional)
Remarks by Ngo Thinh Duc, Chairman, Vietnam Road and Bridge Association
Remarks by Mr. Nguyen Manh Thang, Deputy Director General, DRVN
Remarks and brief introduction of PIARC by Hyunseok KIM, Technical Advisor, PIARC
Remarks by Katsuji HASHIBA, Vice President, REAAA

9:35-9:40 Photo Session

9:40-10:20 Technical Session 1
9:40-10:20 Keynote Presentation
Infrastructure Resilience, Kiyoshi KOBAYASHI, Professor, Kyoto University, President of Japan Society of Civil Engineers

10:20-10:40 Break

10:40-12:00 Technical Session 2
10:40-11:00 Applying Risk Management Tools to Road Projects, Trine VEICHERTS
11:00-11:20 A Proposed Risk Catalogue for Management of Road Projects, Aleš PAVŠEK
11:20-11:40 Quantm Trimble for Disaster and Risk Mitigation of Toll Road Route Design, Halim Wiranata* and Muhammad Ashar
11:40-12:00 Discussion

12:00-13:30 Lunch
13:30-15:00  **Technical Session 3**

13:30-14:10  **Keynote Presentation**  
*Risk Management in Road Maintenance and Administration*, Nguyen Dinh THAO, Senior Lecturer, University of Transport and Communications, Vietnam

14:10-14:30  **Hazard Mapping and Resilience**, Herby LISSADE

14:30-14:50  **Road Big Data for Reducing Risk in Indonesia**, Taufik Widjoyono* and Nazib Faisal

14:50-15:00  Discussion

15:00-15:20  Break

15:20-17:00  **Technical Session 4**

15:20-15:40  **Protective Solutions and Rehabilitation of Road and Bridges due to Risk/Disaster in Vietnam**, Prof. Dr. Tong Tran Tung - Vice Chairman - VIBRA

15:40-16:00  **Consequences of Storm Events for Highway Operators and Future Preventive Measures**, Heimo BERGHOLD* and Rupert GARTLER

16:00-16:20  **Susceptibility Risk Analysis and Natural Hazards - Road Network Segments at Trans Sumatera Toll Road**, Ardhian Z. R* and Anisyah Harti

16:20-16:40  **EPS Construction Method Used to Alleviate the Ground Disaster of Road**, Satoshi KOBAYASHI*, Kenichi HIGASHIHARA, Pham Hoang Kien, Naoyuki HIRAHARA and Takeharu KONAMI

16:40-17:00  Discussion

17:00  Conclusion of Day 1

18:30-  Seminar Dinner

**Thursday, November 8**

8:30-10:00  **Technical Session 5**

8:30-9:10  **Keynote Presentation**  
*Designing and Implementing Effective Drills - Lessons Learned from Road Tunnels*, Konstantinos KIRYTOPOULOS, Associate Professor, University of South Australia

9:10-9:30  **Innovative PPP’s to Manage the Risk of Natural Disasters in Road Infrastructure**, Gustavo MORENO

9:30-9:50  **Development and Implementation of an Enterprise Risk Management Framework in Minnesota, USA**, Jean WALLACE

9:50-10:00  Discussion

10:00-10:20  Break
10:20-12:00  **Technical Session 6**
10:40-11:00  *Lessons Learned from Application of Organizational Risk Management*, Eva Van den BOSSCHE
11:00-11:20  *An Evaluation of Risk Impacting in Road Construction Case Study North Coast Road*, Danardi Luki* and Parwoto Dono
11:40-12:00  Discussion

12:00-13:30  **Lunch**

13:30-15:00  **Technical Session 7**
13:30-14:10  **Keynote Presentation**
14:10-14:30  *Presentation on Climate Resilient Roads and Bridge under the WB funded Projects (VRAMP and LRAMP)*, To Nam Toan - Director - Department of Science Technology, Environment & International Cooperation - DRVN
14:30-14:50  *Infrastructure Prioritization Incorporating 'Resilience'* , Masamitsu ONISHI*, Hirokazu TATANO, Darwin MARCELO, Schuyler HOUSE, Aditi RAINA, Naho SHIBUYA, James NEWMAN and Satoshi IMURA
14:50-15:00  Discussion

15:00-15:20  **Break**

15:20-16:40  **Technical Session 8**
15:20-15:40  *Disaster Management in Queensland*, Chris NAGEL
15:40-16:00  *Strategy and Practical Use of Temporary Bridges and Supporting Structures to Ensure the Rapid Recovery of Affected Areas*, Jan GRUBER
16:00-16:20  *Recovering Road and Bridges Post Disaster: Concept and Strategy of Connectivity Intervention for Emergency*, W Samsi Gunarta* and Heddy Rohandi Agah
16:20-16:40  Discussion

16:40-17:00  **Closing Session**
Remarks by Vietnamese Authority
Remarks by PIARC Representative

17:00  Conclusion of Day 2
Friday 09th November - Technical visit
8:00: Departure from Daewoo Hotel Ha Noi to Tân Vũ Bridge – Lạch Huyện – Hải Phòng by coach
17:00: Back to Daewoo Hotel