



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
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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 2nd November 2018
5% additional fee will be charged.

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: BFTVVNVX001

General information

For general information, please go to the below link:

<http://hanoipiarc2018.vn/>

Seminar Venue

The seminar will take place at Daewoo Hotel, Ha Noi.

<http://www.daewoohotel.com/en>

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.

Seminar Contact Persons:

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PIARC SEMINAR ON "DISASTER AND RISK MANAGEMENT FOR ROADS"

7TH – 9TH NOVEMBER 2018



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**



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- 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*, Ardhan 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**
- 10:20-10:40 *A Proposed Roadmap for Implementing Enterprise Risk Management*, Ioannis BENEKOS
- 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
- 11:20-11:40 *Landslide and Slope Measures Managed by Directorate for Roads in Maintenance Work Management*, Thieu Duc Long - Deputy Director - Department of Science Technology, Environment & International Cooperation - DRVN
- 11:40-12:00 Discussion
- 12:00-13:30 **Lunch**
- 13:30-15:00 **Technical Session 7**
- 13:30-14:10 **Keynote Presentation**
Addressing Climate/Disaster Risks of Transport Network in Vietnam, Jen Jung Eun OH, Senior Transport Economist, Cluster Leader for Transport Sector in Vietnam, World Bank
- 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



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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***