

**International Seminar on
Resilient Roads and Climate Change Adaptation**

October 16th - 19th, 2018
Holiday Inn Beijing Haidian, Beijing, China
Bldg A, 89 Shuangqing Rd, Haidian Dist., Beijing 100085 China
<https://www.resilientroads.org/index-en.html>

Sponsors



World Road Association (PIARC) TC E.1
National Center for Materials Service Safety, USTB
Beijing University of Technology
Tongji University
China Academy of Transportation Sciences

Second Announcement

Organized in cooperation by (in alphabetical order)

Beijing Advanced Innovation Center for Future Urban Design, BUCEA
Beijing Transport Institute
Chang'an University
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China Highway and Transportation Society
Chongqing Jiaotong University
Harbin Institute of Technology
Shandong Transportation Institute
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Introduction

Climate change currently brings serious challenges to the human society. Multiple international governmental platforms have been established to find solutions. Governments of many countries are making progress actively to tackle climate change. Adaptation to and mitigation of Climate change are two major strategies. There are many factors that potentially result in climate change in the economic development process. Proactive measures should be taken to mediate these factors attributing to climate change. Nevertheless climate change has already brought upon the change of climate pattern such as the increase of extreme weather events, which seriously threaten the human society and world economy.

Transportation infrastructure is exposed to the natural environment and frequently subject to various influences of natural factors. Climate is one of the most important factors that significantly impact the performance and service life of the infrastructure and the normal operation of traffic. Extreme weather events are always coming with disastrous consequences. Construction of transportation infrastructure and traffic operation have also produced many adverse effects on climate change. How to address the challenges brought up by climate change and how to enhance the adaptability of the road transportation system to climate change are urgent tasks of our time. This seminar will focus on sharing experiences and inciting brain storming discussions on developing strategies for adapting and mitigating climate change and providing better communication and living environment for human beings. Following are the major topics of this seminar.

1. Climate (change) impacts: assessment and evaluation
2. Impacts of road construction and operation on environment (climate)
3. Technologies that improve road resilience
4. Climate change adaption framework and policies
5. Adaptation strategies in design, construction and operation
6. Case studies
7. Innovative (Smart) technologies and systems

Lots of local and international Representatives from industry, government, research institutions, universities, and international organizations will attend this Seminar.

Methodology

Keynote speeches
Technical presentations
Panel discussions
Technical tour

Languages

Chinese and English, simultaneous translation will be provided.

Programme

Time	Oct. 16, 2018, Tuesday	
08:30-22:00	Registration	
Time	Oct. 17, 2018, Wednesday	
08:30-9:00	Opening ceremony	
9:00-10:30	2 Keynote speeches	
10:30-10:50	Group picture & Coffee break	
10:50-12:20	2 Keynote speeches	
12:20-14:00	Lunch break	
14:00-15:30	Session A1	Session B1
15:30-15:50	Coffee break	
15:50-17:20	Session A2	Session B2
18:00-20:00	Welcome reception	
Time	Oct. 18, 2018, Thursday	
8:30-10:00	2 Keynote speeches	
10:00-10:20	Coffee break	
10:20-11:50	2 Sections for panel discussion	
11:50-14:00	Lunch break	
14:00-15:30	Session A3	Session B3
15:30-15:50	Coffee break	
15:50-17:20	Session A4	Session B4
18:00-20:00	Dinner buffet	
Time	Oct. 19, 2018, Friday	
08:30-12:00	Technical tour	

A1 Impact of Climate (change) on road infrastructure

B1 Impact of Climate (change) on traffic operation and countermeasures

A2 Resilient roads: data requirements, assessment and improvement

B2 Impact of infrastructure and traffic operation on environment (climate)

A3 Resilient bridges and tunnels: data requirements, assessment and improvement

B3 Climate change adaptation framework

A4 Innovative (smart) technologies and systems

B4 Climate change adaptation policies and practice

Field Visit

Participants will be welcome to visit the newly opened National Center for

Materials Service Safety (NCMS). NCMS is founded on the basis of the Materials Service Safety Assessment Facilities which includes many novel full size test facilities.

PIARC Special Fund

The PIARC Special Fund can cover up to 100% of travel expenses or up to 100% of accommodation expenses of participants from developing countries (lower middle income and low income countries). It can cover the expenses of one participant per PIARC member country, subject to the agreement of the First Delegate. Requests for Special Fund should be sent to PIARC General Secretariat, e-mail: info@piarc.org

Accommodation

Venue: Holiday Inn Beijing Haidian, Beijing, China
Address: Bldg A, 89 Shuangqing Rd, Haidian Dist., Beijing 100085 China
<https://www.ihg.com/holidayinn/hotels/us/en/beijing/pegsh/hoteldetail>

Taxi is very convenient from Beijing Capital International Airport (PEK) to the Venue, which costs about 100 CNY for one trip. Subway is also recommended from PEK to the Venue. Take the Airport Express and transfer to Line 10 at Sanyuanqiao station. Transfer to Line 8 at Beitucheng station to Olympic Green station. Transfer to Line 15 to Qinghuadongluxikou station. Exit from Exit C and walk along Shuangqing road about 300 m. Then arrive at the Venue.

Participants can make a reservation via official booking method of the Holiday Inn Beijing Haidian to receive the price for the Seminar, which is 750 CNY per room (2 single beds or 1 King bed) per night with 1 breakfast included. 850 CNY will include 2 breakfasts. Please specify you will attend this Seminar when you make your reservation. Participants can also make a reservation via Ctrip or Booking. Though there are many hotels near the venue, they are very tight. Please make a reservation as early as possible (1 month advance recommended).

Obtaining a visa

To visit China a VISA may be required. You can get the updated information about visa application at the homepage of Chinese Visa Application Service Center <http://www.visaforchina.org/>. If you need an invitation letter, please send following information to admin@resilientroads.org, which are required to be included in the letter by the Chinese Visa Application Service Center. One of the sponsor of the Seminar, USTB, will develop the letter for you.

(1) Full name

- (2) Gender
- (3) Date of birth
- (4) Affiliation
- (5) Position
- (6) Address

Registration

Participants will be charged the registration fee, which do not include the accommodation and other travel fees. Participants are advised to register in advance (by September 15th, 2018) to receive the Early Bird Registration discount.

Registration Fee

Registration Type		General	Student
Early Bird Rate	PIARC Member	1800 CNY or 240 EUR	1000 CNY or 135 EUR
	Non-member	2000 CNY or 270 EUR	
Standard Rate	PIARC Member	2100 CNY or 280 EUR	1200 CNY or 160 EUR
	Non-member	2400 CNY or 320 EUR	

Note:

1) All dates are based on Beijing Time (GMT +8)

2) PIARC Member:

For PIARC Members who have paid their membership fees over the last 3 years.

For further information on PIARC Member fee, contact the PIARC General Secretariat in Paris (info@piarc.org).

3) Student:

Undergraduate and graduate students are required to submit a valid student ID to verify their status.

Please Transfer the registration fee to the following account and send the transfer voucher with your contact information to admin@resilientroads.org for check. If possible, please specify "Climate Seminar" in the remittance message.

BENEFICIARY'S NAME: UNIVERSITY OF SCIENCE & TECHNOLOGY OF BEIJING

BENEFICIARY'S ACCOUNT NO.: 0200006209014432650

BENEFICIARY'S BANK NAME: INDUSTRIAL AND COMMERCIAL BANK OF CHINA BEIJING MUNICIPAL BRANCH, BEIJING, PRC

SWIFT CODE: ICBKCNBJBJM

Cancellation and Refund Policy

Cancellation must be notified in writing via e-mail admin@resilientroads.org to the organizing committee. By September 20, 2018: 50% of the paid amount will be refunded. After September 20, 2018: None of the paid amount will be refunded. All

refunds will be made after the Seminar for administrative reasons.

Please return the filled-in registration form to: resilient.roads@gmail.com

Registration form

Title	
Surname	
First Name	
Organization	
Nationality	
Address	
Phone	
Fax	
Email	
Presentation	<input type="checkbox"/> Yes <input type="checkbox"/> No