

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

First Announcement

&

Call for Papers

Organized in cooperation by (in alphabetical order)

Beijing Advanced Innovation Center for Future Urban Design, BUCEA
Beijing Transport Institute
Chang'an University
Changsha University of Science and Technology
China Highway and Transportation Society
Chongqing Jiaotong University
Harbin Institute of Technology
Shandong Transportation Institute
Southeast University
Texas A&M University
Virginia Polytechnic Institute & State University

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.

Preliminary Programme

Time	Oct. 16, 2018, Tuesday	
08:30-22:01	Registration	
Time	Oct. 17, 2018, Wednesday	
08:30-9:00	Opening ceremony	
9:00-10:20	2 keynote speeches	
10:20-10:40	Group picture & Coffee break	
10:40-12:00	2 keynote speeches	
12:00-14:00	Lunch buffet	
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	Session A3	Session B3
10:00-10:20	Coffee break	
10:20-11:50	Session A4	Session B4
11:50-14:00	Lunch buffet	
14:00-15:30	Session A5	Session B5
15:30-15:50	Coffee break	
15:50-17:20	Session A6	Session B6
18:00-20:00	Dinner buffet	
Time	Oct. 19, 2018, Friday	
8:30-12:00	Technical tour	

Call for Papers

For better academic and practice exchanges, manuscripts in English are

encouraged but manuscripts in Chinese are also accepted. The call for papers is divided into two stages, abstract submission and full paper submission. The important dates are:

Abstract deadline: February 20th , 2018
Abstract acceptance: March 10th, 2018
Full paper deadline: June 30th, 2018
Full paper acceptance: July 31st, 2018
Revised paper: August 31st, 2018
Please submit abstracts and papers to: resilient.roads@gmail.com

The paper manuscripts will be reviewed by at least two reviewers. The accepted papers will be included in the proceedings of the seminar. The authors will be invited to make presentations (oral or poster). Quality papers will be recommended to the support journals for potential publication.

Support journals:

Journal of Traffic and Transportation Engineering (only in English)

Registration

Participants will be charged a registration fee to balance the budget. The rates of the registration fee will be released in the second announcement.

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>

Accommodation: 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.

Note: Though there are many hotels near the venue, they are very tight. Please make a reservation as early as possible (1 month advance recommended).

International Participants

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

Pre-registration

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

Please check the appropriate boxes:

- I am planning to attend the seminar
- I would like to make a presentation

Name:

Title:

Organisation:

Address:

Phone:

Fax:

E-mail: