



Ministerio de la Construcción



PIARC International Seminar on climate change adaptation, risk and disaster management for roads and road organizations

November 8-10, 2017

Havana, Cuba

First announcement

Organized in coordination with

Ministry of Construction of Cuba

PIARC:

A.3 "Risk management"

E.1 "Adaptation / Resilience Strategies"

E.3 "Catastrophe / Disaster Management"





Ministerio de la Construcción

International Seminar on climate change adaptation, risk and disaster management for roads and road organizations

Meliá Cohíba Hotel, Havana, Cuba
Paseo entre 1ra y 3ra, Vedado, 10400, Havana, Cuba

The **World Road Association (PIARC)**, a world leader in the global discussion and exchange of knowledge on the most relevant aspects of the world of roads and road transport, within the framework of the development of the work of its Four-year Strategic Plan 2016-2019, invites you to participate in the International Seminar on "**Climate change adaptation, risk and disaster management for roads and road organizations**", during which knowledge will be disseminated, discussed and analyze results and aspects related to the strategic themes: Management and Finance; Climate Change, Environment and Disasters, issues that are increasingly important within the transport community, facilitating the search for answers to questions on how to mitigate the negative effects and how to adapt the roads to climate change and its variability, as well as other extreme events. Some possible responses are in disciplines such as risk management, disaster management and strategies for adaptation to climate change, which increases the resilience of road infrastructure.

The seminar will be organized by three **Technical Committees: A.3 "Risk Management", E.1 "Strategies for Adaptation / Resilience", E.3 "Disaster Management"** and the Ministry of Construction of Cuba, The Ministry of Transport, the National Civil Defense Council, the Ministry of Science, Technology and Environment, the Technological University of the Habana, the Central University "Martha Abreu" and the University of the East of Cuba, as well as the National Union of Architects and Construction Engineers of Cuba. The Seminar also has the support of the Council of Road Directors of Iberia and Ibero America (DIRCAIBEA for its acronym in Spanish).

General Program

Wednesday, November 8 th	Thursday, November 9 th	Friday, November 10 th
Seminar	Seminar	Workshop / VT
Participant registry / 8:00 - 9:00	/	/
Inauguration Session / 9:00 - 9:40	Session 3 / 9:00 - 10:30	Technical Visit 9:00 – 15:00
Introduction Session / 9:40 - 10:30		
Coffee Break / 10:30 - 11:00		
Session 1 / 11:00 - 12:30	Session 3 / 11:00 - 12:30	
Lunch / 12:30 - 14:00	Lunch / 12:30 - 14:00	Lunch
Session 2 / 14:00 - 15:30	Session 5 / 14:00 - 15:30	
Coffee Break / 15:30 - 16:00	Coffee Break / 15:30 - 16:00	
Discussion Panel A / 16:00 - 17:00	Discussion Panel B / 16:00 - 16:45	Workshop International Framework for the Adaptation of Road Infrastructure to Climate Change CT E.1
	Technical conclusions of the seminar 16:45 - 17:00	
Welcome Cocktail	Closing ceremony	

Spanish – English simultaneous translation will be provided.



Themes of the sessions

- ❖ Session 1: Role of resiliency, risk and disaster management in policy development and decision-making for road transport organizations.
- ❖ Session 2: Risk management for climate change and extreme weather.
- ❖ Session 3: Frameworks, methodologies and tools.
- ❖ Session 4: Risk factors and criteria for performance and financial management evaluation.
- ❖ Session 5: Best practices to increase resilience and improve risk management in road infrastructure.
- ❖ Discussion panel A: Uncertainty in decision-making.
- ❖ Discussion panel B: Challenges and opportunities for implementing climate change adaptation measures.

Registration fees.

General public: 300 CUC
PIARC members: 280 CUC
Students: 180 CUC
Companion Program: To be defined

The participation fee includes: opening and closing ceremonies, all technical sessions and panels of the Seminar, and the technical visit. In addition to the materials of accreditation, CD with the presentations, and the certificate of participation.

Entries: please register online until November 4, 2017 at <http://carreterascuba.cubatechtravel.com/inscripcion>

Or on November 8th at 8 am at the Melía Cohíba Hotel, Havana.

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MEMBERS OF THE ORGANIZING COMMITTEE.

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| • Ministry of Construction of Cuba | • Ministry of Transport |
| • National Union of Architects and Construction Engineers of Cuba | • Technological University of the Habana |
| • Ministry of Science, Technology and Environment | • Central University "Martha Abreu" |
| • National Civil Defense Council | • University of the East of Cuba |
| | • World Road Association (PIARC) |

For more information please visit: <http://carreterascuba.cubatechtravel.com/>