

Second announcement

1 International Seminar

ON SUSTAINABILITY AND DISASTER MANAGEMENT FOR ROADS

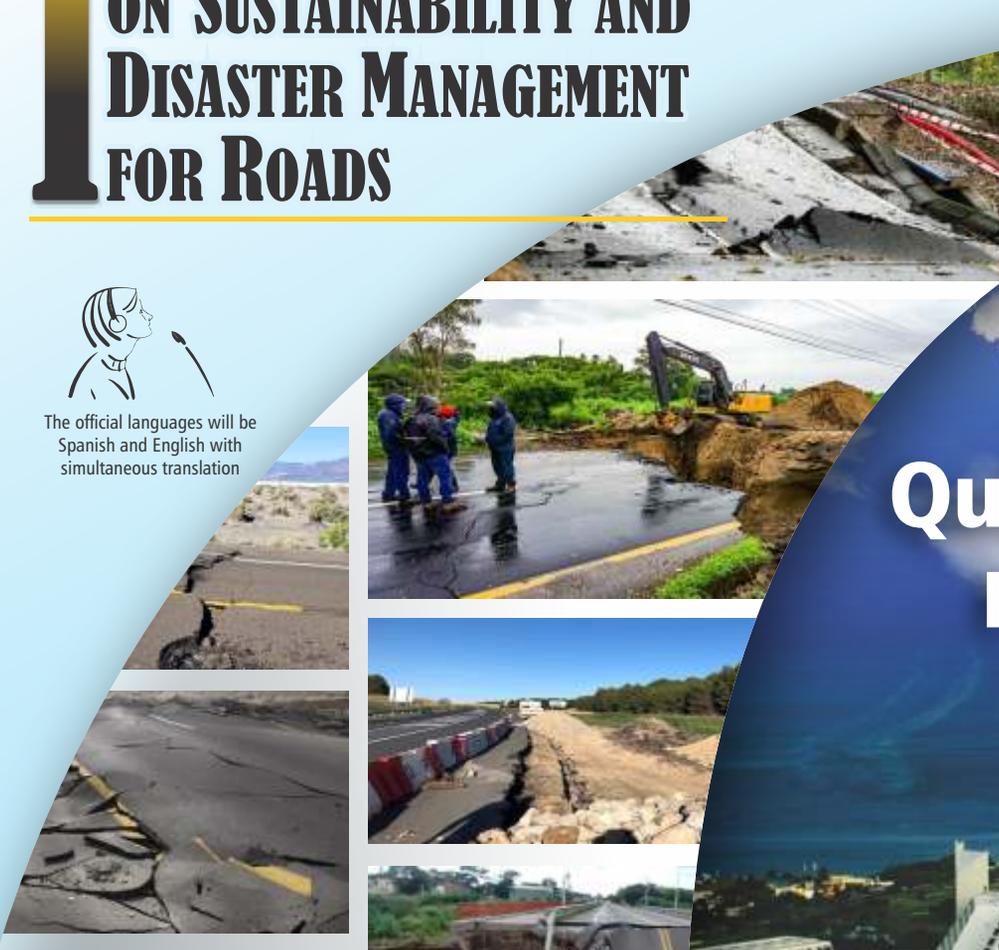


Asociación Mexicana de Ingeniería de Vías Terrestres, A. C.



The official languages will be Spanish and English with simultaneous translation

Cancun, Quintana Roo, February 8-11 2023



Inscripción Registration	Cuota con impuestos Fee (including taxes)
Asistente	\$5,800.00 MXN
En línea	\$2,900.00 MXN
Participant	\$300.00 USD
Online	\$150.00 USD



All Inclusive

Oasis Cancun Headquarters Hotel

Blvd. Kukulcan Km 16.5-Lt45-47, Zona Hotelera, 77500 Cancún, Q.R.

For the improvement of roads

Registro y pago en línea
online registration and payment
eventos.amivtac.org

Informes / **contact us for more information**
Tels.: +52 55 7678 6760 / +52 55 7678 6761
+ 52 55 5528 3706

Hybrid Event



COMUNICACIONES
SECRETARÍA DE INFRAESTRUCTURA, COMUNICACIONES Y TRANSPORTES



Social media:
AMIVTACmx



PIARC program of international seminars

PIARC, the World Road Association, is a non-profit organization founded in 1909. During its more than 100-year history, the association's main objective has been the promotion of international cooperation and the exchange of knowledge on issues related to roads and road transport.

As part of this work, since 1999 PIARC has been conducting an International Seminar Program to strengthen its presence in the world, to be more responsive to the needs of developing countries and countries with economies in transition, and to achieve greater dissemination of the results of its work in these countries.

PIARC implements the seminar program through its Technical Committees, which are groups of experts appointed by member countries to work on topics defined in the association's strategic plan, which includes very diverse areas of expertise such as road design, operation and maintenance, or financing and governance of agencies responsible for road infrastructure.

Technical Committee 1.5. Disaster Management

Developing a reliable information collection and sharing system is the first step of proactive disaster management toward engaging with internal and external stakeholders and understanding their information needs and expectations.

The aims of Technical Committee 1.5 "Disaster Management" are to study disaster management techniques using Big Data and Social Network Data as well as to analyze the financial aspect of disaster management in preparedness, mitigation response, and recovery phase, and to update the Disaster Management Manual.

Technical Committee 3.4. Environmental Sustainability in Road Infrastructure and Transportation

Technical Committee 3.4 "Environmental Sustainability in Road Infrastructure and Transport" identifies traffic operations to minimize the health impact of vehicle emissions, and improvement of pavement design, construction, and maintenance to reduce traffic noise.

Also, understanding the road and road transport impact on wildlife habitats and their interconnections is essential for road construction to be implemented in the area affluent with natural environment. Technical Committee carefully considers environmental sustainability, and diligently presents how road organizations commit to restraining air pollution and traffic noise, and the impact on wildlife habitats.

Motivation

Around the world, there is growing awareness of the importance of environmental sustainability, as well as preparedness for unforeseen road events. Particularly in Mexico, this is an issue that significantly affects the development of its infrastructure. These concepts must be taken into account from the earliest stages of its gestation and must be addressed at all stages of the project's life cycle. This is especially important in the case of highways, which, being "linear" works, affect a large number of communities and individuals in particular. It is important that these factors be considered in benefit-cost studies; however, it is often not easy to identify them and even less easy to quantify them in monetary terms. When these aspects are not properly analyzed, they are seriously affected by loss of income or costs not considered. Taking into account the interest shared by PIARC and Mexico in relation to the problems expressed here, the Mexican representation before PIARC Technical Committees 1.5 and 3.4, as well as the environmental technical committee of AMIVTAC, proposed holding a seminar in Mexico on this subject, based on a technical program made up of contributions from members of the committees and specialists from other organizations in Mexico and the rest of the world, which would be especially attractive to Mexican and international professionals. Together with PIARC, the Mexican Association of Roadway Engineering is participating in the organization of this seminar, in addition to the support of the Ministry of Infrastructure, Communications and Transport of the Government of Mexico.

Seminar objectives

The general objective of the seminar is to provide a forum for the exchange of knowledge and experiences on sustainability and disaster management.

The particular objectives of this seminar are as follows:

- To discuss ideas on how to take into account the environment and disasters in road development and management.
- To present experiences, consequences and solutions in road projects in Mexico and the world, during all stages of the life cycle.
- Present and discuss strategies to ensure the correct use of these issues.

To whom it is addressed

The PIARC International Seminar on Sustainability and Disaster Management for Road Infrastructure is aimed at managers or officials of governmental entities or private companies that design, concession and operate roads, independent professionals (economists, sociologists, engineers, etc.), consulting service providers, banking institutions or investment funds that finance road infrastructure projects, among others. This seminar may also be of interest to university professors, researchers and students interested in environmental sustainability and disaster management.

Place and date of the seminar: Cancun, Quintana Roo, February 8th to 11th

Cancun is a Mexican planned city located in the state of Quintana Roo, being head of the municipality of Benito Juarez. It is the most populated city in the state, with 888,797 inhabitants.

It is considered a world-class tourist destination, certified by the World Tourism Organization.

In just a few years, it has undergone a remarkable transformation from a fishermen's island surrounded by virgin jungle and unknown beaches, to the most recognized Mexican tourist center in the world. The World Tourism Organization (UNWTO), through the UNWTO-Themis Foundation, granted the Best of the Best award for excellence and governance to the Cancun Tourism Promotion Trust.

Cancun thus became an organization endorsed by the UNWTO's Department of Education and Knowledge Management. Cancun is currently the destination that receives the most international tourists in Mexico, along with Mexico City and the Riviera Maya. In addition, Cancun International Airport is the second busiest airport in terms of passenger traffic, which makes Cancun the main tourist destination in Mexico.

Cancun is divided into five zones, Isla Cancun is the first and most important Hotel Zone, where most of the beaches and tourist activities are concentrated, the Urban Zone where the bulk of the population lives, Puerto Juarez is the third zone, we find two main docks to embark and cross to Isla Mujeres, located just 7 km from the port, Franja Ejidal is an area of irregularly distributed settlements in the northern part of the city, in the municipal boundaries of Isla Mujeres and Alfredo V. Bonfil.



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Format and languages

The seminar will be developed in a hybrid format, i.e., it will be based on face-to-face sessions to which the interested public will have remote access. At the same time, some of the speakers are expected to participate virtually. The technical program comprises a total of 5 thematic sessions, from 9:00 am to 6:30 pm (Cancun City time GMT-5).

Members of the committees and other specialists will participate in the technical sessions to open the discussion to the public through a series of questions and answers.

The seminar languages will be English and Spanish. Simultaneous translation will be provided both for those attending the seminar in person and for those following the seminar remotely.

Wednesday 8

TIME	EVENT
12:00 - 18:00	Registration
18:00 - 20:00	Meating at Oasis Lobby Bar (only for hotel guests)

Thursday 9

(subject to last minute changes).

TIME	EVENT
08:00 - 16:00	Registration
09:00 - 10:00	<p>Inauguration Ceremony Jorge Nuño Lara, Secretary of Infrastructure, Communications and Transport Mara Lezama Espinosa Governor of Quintana Roo Jesús Sánchez Arguelles, President of AMIVTAC Patrick Malléjacq Secretary General Yukio Adachi TC 1.5: Chair Eric Dimnet TC 3.4: Chair Special guests at the presidium</p>
10:00 - 10:30	<p>Keynote Speech / Jorge Nuño Lara / Felipe Verdugo López SICT strategies to strengthen socio-environmental issues and Disaster Risk Management and Climate Change and adaptation to climate change of infrastructures.</p>
10:30 - 10:45	<p>Yukio Adachi / Sustainability and Disaster management: PIARC TC1.5 approach</p>
10:45 - 11:00	<p>Eric Dimnet / Implementing sustainability in the context of global challenges</p>
11:00 - 11:30	BREAK
11:30 - 13:00	<p>Session 1.- How we manage disasters on a continuous basis (TC 1.5) Miyatake Hiroaki / Moderator Chinnich Sara / Sustainability and territorial reconnection: the reconstruction of the Albiano viaduct over the Magra River (Tuscany, Italy) Yotsui Saki / Evaluating recovery expenses of infrastructure damaged by earthquakes in Japan Gerhard Fourie / Minimizing social impacts through effective response to natural disasters: Flood damage to the National Route 14, South Africa Gustavo Moreno / Resilience to disaster</p>

Thursday 9

(subject to last minute changes).

TIME	EVENT
13:00 - 14:00	Round Table 1.- Priorities for increasing sustainability and disaster management (TC 1.5). Alain Lefebvre / Moderator Neil Fisher / Christopher Engelbrech / Carlos Rábago / Lucía Núñez
14:00 - 15:30	MEAL (Free for guests staying at hotel restaurants) Session 2.- Environmental Sustainability of Road Mobility (TC 3.4) Eric Diment / Moderator Tamara Nicholson / PIARC Workshops, Seminars and Conferences on environmental sustainability
15:30 - 17:00	Eva Vandebossche / Air Quality Nicolae Ciont / Noise attenuation and PIARC noise database Eric Guinard / Impacts on wildlife and their habitat
17:00 - 17:30	BREAK
17:30 - 18:30	Round Table 2.- (TC 3.4) Environmental Sustainability / Biodiversity on Roads Tamara Nicholson / Moderator Eva Vandebossche / Eric Guinard / Aldo Martínez / Cecilia Aguilar

Friday 10

(subject to last minute changes).

TIME	EVENT
08:00 - 12:00	Registration
09:00 - 11:00	Session 3.- Long and short term considerations for sustainability and disaster management (TC 1.5 and 3.4) Sustainability and Disaster Management (TC 1.5 and 3.4) Patrick Malléjacq / Moderator Gerardo Merla / Supervía Poniente - environmental and social management Fujita Tomohiro / Japanese policy aimed to a sustainable society and research on road disaster management technologies David Zárate / Design and sustainable development strategies for the Nichupté vehicular bridge (Mexico) Eva Vandebossche / Study on the impact of speed regimes on mobility and quality of road traffic mobility and air quality on freeways in Flanders (Belgium).
11:00 - 11:30	BREAK

Technical Program

(subject to last minute changes).



Technical Program **Second announcement**

Friday 10

TIME	EVENT
11:30 - 13:00	<p>Session 4.- Good practices to increase resilience to disasters and sustainability (TC 1.5 and 3.4). *** / Moderator</p> <p>Jan Gruber / Bridge temporary and supporting structures and their use in crisis situations</p> <p>Norma Fernández Buces / Good environmental practices and road resilience</p> <p>Marcin Debinski & Janusz Bohatkiewicz / Influence of traffic conditions on road noise levels on single carriageway roads in cities</p>
13:00 - 14:00	<p>Round Table 3.- Sustainability in disaster management: good practices and applications (TC 1.5 and 3.4)</p> <p>Vinicio Andrés Serment / Moderator</p> <p>Marcelo Medina / Economic Sustainability regarding Disasters Management</p> <p>Norma Fernández Buces / Juan Manuel Mares Reyes</p>
14:00 - 15:30	<p>MEAL (Free for guests staying at hotel restaurants)</p>
15:30 - 17:00	<p>Session 5.- Recent technologies for disaster resilience and sustainability (TC 1.5 and 3.4). Christopher Engelbrecht / Moderator</p> <p>Soga Yasumasa / Disaster management of the Hanshin Expressway sustainable with digital twin technology</p> <p>Carlos Rábago / Mitigation measures and sustainability.</p> <p>Maciej Halucha & Janusz Bohatkiewicz / Impact of Electric Vehicles on Noise Reduction in impact of electric vehicles on noise reduction in the vicinity of roads.</p>
17:00 - 17:30	<p>Closing Ceremony</p>

Technical Program

(subject to last minute changes).



Saturday 11 Technical Visit

TIME	EVENT
08:00 - 14:00	Bridge over Nichupté lagoon (to be confirmed)

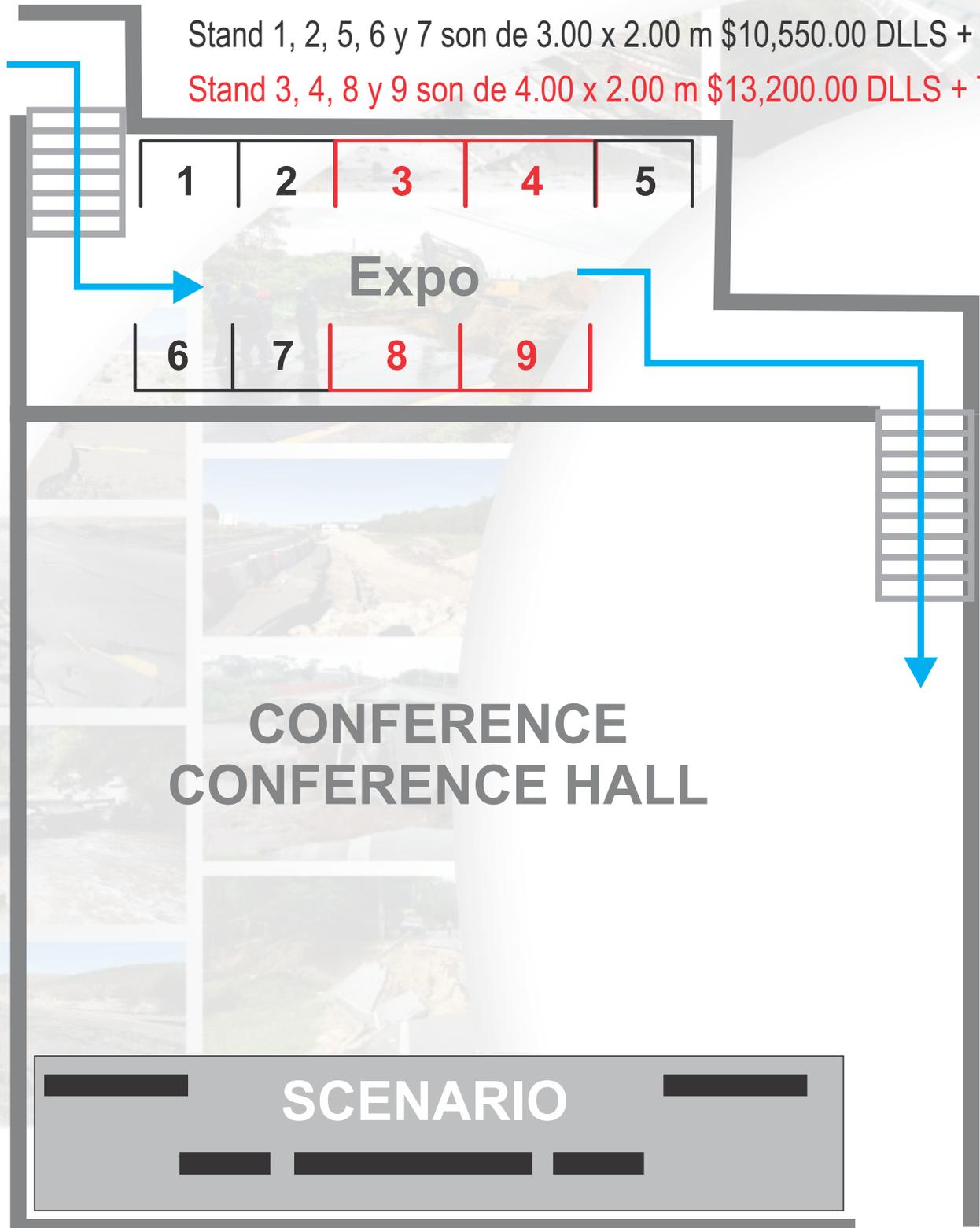


Technical Program **Second announcement**

Expo

Stand 1, 2, 5, 6 y 7 son de 3.00 x 2.00 m \$10,550.00 DLLS + TAX

Stand 3, 4, 8 y 9 son de 4.00 x 2.00 m \$13,200.00 DLLS + TAX



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RESERVATION FORM FOR FOREIGN PARTICIPANTS:

NAME: _____

E-MAIL: _____

PHONE: _____ STATE OF ORIGIN: _____

HABITACION COMPARTIDA CON: _____

Preferential lodging rates for this event:

Room	Piramide Ocean View	Piramide Estandar	Gran Oasis Cancun Ocean View	Gran Oasis Cancun Estandar
Easy occupancy	233.00 USD	208.00 USD	205.00 USD	205.00 USD
Double occupancy	357.00 USD	390.00 USD	304.00 USD	304.00 USD
Triple occupancy	N/A	443.00 USD	438.00 USD	438.00 USD
Quadruple occupancy	N/A	N/A	N/A	N/A

Rates in U.S. Dollars for Foreign participants, per room per night, according to the occupancy indicated; valid for reservations between February 08 and 11, 2023. Stays with early arrivals and/or later departures, subject to availability, prior reservation. Children 0 to 12 years old: Up to 2 children free, sharing room with parents, All Inclusive plan. One child per adult, in existing beds. Maximum occupancy: 2 adults and 2 children or 3 adults and 1 child, in existing beds, in standard room, up to 4 adults, in existing beds. Children 13 years and older pay adult rate. Translated with www.DeepL.com/Translator (free version)

The All Inclusive Plan includes: *Accommodations, rooms can have 2 double beds or 1 king size bed. *All meals. *Unlimited domestic and imported beverages. *Access to Grand consumption centers. *Mini-bar in the rooms with soft drinks, beers and water, supplied upon arrival. *Internet service (1 password per room). *Activities organized by our entertainment team. *Live entertainment. *Taxes (VAT and IH included). The all-inclusive service is served in the areas and times established by the hotel. Translated with www.DeepL.com/Translator (free version)

No. of Persons: Adults: _____ Children: _____ Age of children: _____

Day of arrival (Check in 15:00 hrs): _____ Departure Day (Check out 12:00 hrs): _____

Please inform approximate time of arrival at the Hotel: _____

Method of payment: Deposit to bank account () or Payment by credit card - Visa or Master Card () An amount per room type has been blocked for this group, so we suggest to book in advance.

RATES SUBJECT TO AVAILABILITY WE SUGGEST YOU TO DO IT AS SOON AS POSSIBLE

ENVIRONMENTAL TAX: By governmental disposition of the State of Quintana Roo, in the Municipality of Benito Juarez (Cancun), an environmental sanitation tax of \$28.86 MXN per room per night will be charged. Tax that will be charged in full for the nights stay at the time of check in.

PAYMENT:

Once we receive your reservation, we will send you a written response, with confirmation code, you will also be asked for the total payment of your reservation and the deadline for payment, we will attach bank details or link for payment with TC according to the form of payment requested.

In case you require an invoice, please provide us with your tax information (proof of tax status) when sending your payment.

CANCELLATIONS: No penalty up to 15 days prior to arrival date, cancellations after this date will have penalty per room cancelled, will be taken from the total deposit received as guarantee, which will not be refundable.

CHANGES: Allowed up to 15 days before, subject to availability.

NO SHOW: In case of no-show on the confirmed date of arrival, a penalty of the total amount of the reservation will be applied. No refund will be applied.

Please send this form with all the requested data by e-mail to:
Claudia Hernandez: claudiah@oasishoteles.com, Cel.: +52 5545 93 45 32
Yanelly Lozada: ylozada@oasishoteles.com, Cel.: +52 5545 93 65 10
Office: +52 55-5448-7783, +52 55-5448-7782

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Committee Organizer



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Jesús E. Sánchez Argüelles / President AMIVTAC

Yukio Adachi / President TC 1.5. PIARC

Eric Dimnet / President TC 3.4. PIARC

David Barbosa / General Director

Gustavo Moreno Ruíz / Mexican Member TC 1.5. PIARC

Sergio López Noriega / Mexican Member TC 3.4. PIARC

Miguel Caso Florez / Technical Director PIARC

Jorge Monforte Alarcón / Technical Advisor ST 1. PIARC

Kei Senoo / Technical Advisor ST 3. PIARC

Pericles Sánchez Leal / Financial Director

Miguel Sánchez Contreras / General Coordinator