



INTERNATIONAL SEMINAR: Climate Resilient Pavements

28-30 April 2025
in Tunis - Tunisia

First Announcement

Organized in Cooperation by:

- PIARC
- Tunisian Road Association - ATR
- Ministry of Equipment and Housing of Tunisia



e-mail contact for the event: atr.pavement.seminar@gmail.com





PIARC Program and international seminars

PIARC (the World Road Association) is a non-profit, non-political organization whose mission includes organizing forums, disseminating good practices, and promoting efficient road and road transport decision support tools.

Since 1999, the Association has been organizing a program of international seminars as part of its work, strengthening its presence in the world, considering the needs of developing countries and countries in transition, and making the results of the Association's work more widely known in these countries.

Technical Committee TC 4.1 - Pavements

Resilience plays a significant role in pavement engineering. Here, the focus is on questions of adaptation to the impacts of climate change.

During the 2024-2027 cycle, Technical Committee 4.1 "Pavements" focuses on pavements and road surface characteristics. A cross-cutting theme for PIARC is the reduction of infrastructure's carbon footprint. TC 4.1 contributes to this task with a report on carbon calculators for pavements and case studies on how to reduce the carbon footprint during the construction of the pavement and/or during its use. Pavements in urban areas get more attention, albeit for fighting heat island effects or providing a surface for "new" types of vehicles and other road users.

Tunisian Road Association ATR

Tunisian Road Association ATR, created in 2018, is an association that brings together Tunisian road professionals. Its vision/mission/value are:

Vision	Safe, resilient, and sustainable roads for all
Mission	Building an exchange platform for road professionals Identify and share best practices. Bringing academics and professionals closer to the road Disseminate knowledge and innovations in the road sector. Working for a better road policy
Value	Commitment to the general interest Exchange and sharing Sharing knowledge

The ATR is a PIARC World Road Association member and is well-represented on its various technical committees.

Objectives of the seminar

The main aim of this event is to share knowledge between different countries and regions on methods to improve pavements' resilience to the effects of climate change.

The seminar will be held to optimize the time available to discuss themes and generate dynamic and highly involved discussions among the participants. Inventive speakers will make presentations, followed by discussion and collective development of conclusions and recommendations.



Who will attend the seminar?

The PIARC Pavement seminar is intended for engineers and managers from the Ministry of Equipment and Housing and the agencies under its supervision, technical designers and design offices, road network managers, suppliers of pavement materials construction and maintenance, technical assistance offices, universities, and engineering students who are interested in the subject of engineering pavement.

Seminar venue and dates

The seminar will take place from **28 to 30 April 2025 in Tunis, Tunisia.**

Tunisia is in the Maghreb region of North Africa, bordered by Algeria to the west and southwest, Libya to the southeast, and the Mediterranean Sea to the north and east. The country also shares maritime borders with Italy. It has an area of around 164,000 km² and a population of 12 million. Its coastline is some 1,150 km long. Tunisia's capital is Tunis. Tunisia is a tourist destination full of attractions.

Course and languages of the seminar:

The seminar will be divided into sessions, and several themes will be integrated into the program (see preliminary program below). The sessions will be organized over two days. Each session will consist of several presentations by the PIARC Technical Committee members and Tunisian and international experts. At the end of each session, a debate will be organized to discuss the various topics covered in the presentations.

The languages used in the seminar will be **French and English with simultaneous translation.**

Themes

The Seminar will focus on the following major themes:

- Carbon footprint
- Low-cost pavement systems
- Big Data for pavements
- Resilient pavements

Program

First day: Monday, April 28th 2025		
08:00-09:00	Registration	
09:00-10:15	Opening session	
9:00 - 9.35	Welcoming words	Slah Zouari: First delegate of Tunisia
		Aïda Bergaoui: ATR President
		Minister of Equipment (TBC)
9:35 - 9:45	PIARC Institutional Presentation	PIARC General Secretariat representative
9:45 - 9:55	PIARC Technical Committee on Pavements	Margo Briessinck, TC 4.1 Pavements Chair
9:55 - 10:10	Opening words	
10:10 - 10:30	Keynote lecture	
10:30 - 11:00	Refreshments	
11:00 - 13:00	Session 1: Low Carbon footprint materials	
13:00 - 14:00	Lunch	
14:00 - 16:00	Session 2: Low carbon footprint initiatives	
16:00-16:30	Refreshments	
16:30-17:30	Session 3: Construction for low carbon footprint pavements	
17:30	Closing Day 1	
19:30 - 23:00	GALA DINER	

Second day: Tuesday, April 29th, 2025	
9:00 - 11:00	Session 4: Low-cost pavement systems
11:00-11:30	Refreshments
11:30- 13:00	Session 5: Big Data for Pavements
13:00- 14:00	Lunch
14:00- 16:00	Session 6: Resilient Pavements
16:00-16:30	Refreshments
16:30-17:45	Panel discussion: How to improve pavement resilience
17:40-18:00	Closing Session
17:40-17:50	Technical conclusions
17:50-18:00	Closing remarks

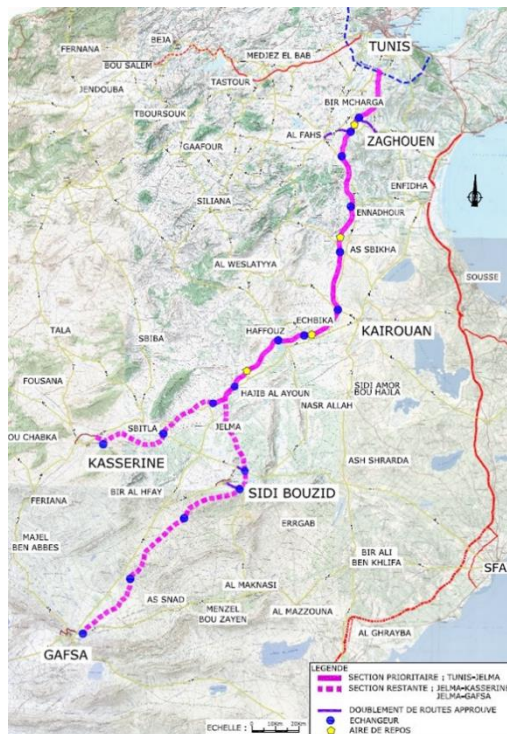
Third day: Wednesday, April 30th 2025

8:00 - 9:30	Bus from the hotel to the site
9:30 - 10:00	Presentation of the project
10:00 - 12:00	Technical visit 1: the Bizerte bridge , a 2 km bridge crossing a lake with its access roads Technical visit 2: Tunis - Jelma Highway
13:00 - 14:00	Lunch
14 :00 - 15 :30	Bus from the site to the hotel

Bizerte bridge



Tunis - Jelma Highway



Organisation Committee

Margo Briessinck	President of Technical Committee TC 4.1 Pavement
Gina M. Ahlstrom	English Secretary TC 4.1
Horacio Delgado	Spanish Secretary TC 4.1
Aida Bergaoui	French Secretary TC4.1 & President of the Tunisian Road Association (ATR)
Slah Zouari	First Delegate
Aïda Bergaoui Ahmed Ksontini Eya Souab Imen Ben Hassine	Responsables of the Seminar

Location of the Seminar

Hotel El Mouradi Gammarth : Les côtes de Carthage, La Marsa, Tunis, BP 597-2070, Gammarth, Tunisia - Telephone: +216 71 27 43 00 - <https://goo.gl/maps/UbhBmpJRH6PE3SaQ9> - Website : www.elmouradi.com Email : res.gammarth@elmouradi.com

Accommodation

El Mouradi Gammarth offers Superior rooms for singles with breakfast at a rate of 221 TND (incl. taxes) per day. Special accommodation can be considered (double room, etc.). Contacts details: Les côtes de Carthage, La Marsa, Tunis, BP 597-2070, Gammarth - +216 71 27 43 00 - [W7CQ+G8 Marsa](https://www.google.com/maps/place/W7CQ+G8+Marsa).

To take advantage of the preferential tariff, email sales1.gammarth@elmouradi.com.

Alternate hotels for consideration are:

Hotel name	Contact details	Booking link
El Mouradi Gammarth**** Seminar venue	Les côtes de Carthage, la Marsa, +216 71 27 43 00 W7CQ+G8 Marsa	Email de réservation en relation avec l'évènement : sales1.gammarth@elmouradi.com
Mövenpick Gammarth*****	B P 36, Av. Taieb Mhiri, la Marsa +216 71 741444 V8VC+X9 Marsa	https://urlz.fr/kdTI
Le Palace Gammarth *****	Les cotes de Carthage, Gammarth +216 71 91 20 00 W888+68 Gammarth	https://urlz.fr/kdSc
Regency Gammarth *****	B.P 705 - 2078 Gammarth +216 71 91 09 00	https://urlz.fr/kdSN



Ramada Plaza Gammarth*****	W7Q3+R2 Marsa Les cotes de Carthage, Gammarth +216 71 911 100 W7FH+WW Gammarth	https://urlz.fr/kdSP
---------------------------------------	--	---

Registration and fees

Registration for the Seminar will be charged. Registration amounts will be specified in the second announcement by January 15, 2025

Travel and transport

The capital, Tunis, is well linked to the rest of the world through Tunis—Carthage's international airport. Cab service in the capital is affordable, and online cab ordering is common.

Climate

Tunisia's climate is relatively calm in April. Daytime temperatures vary between 14°C and 22°C, but depending on the year, they can drop to 6°C and rise to 33°C.

Visa procedures

Many countries are visa exempt. However, the documents required to apply for a visa to Tunisia are standard, and procedures, applications, and deadlines may vary from country to country. For full information, please contact your embassy or consulate:

https://www.aerportdetunis.com/fr/visa_tunisie.php.

Seminar Contact Person

For any further information or clarification that you may require, please contact atr.pavement.seminar@gmail.com