



The Ministry of Works,
Tanzania



Tanzania Transportation
Technology Transfer (TanT²)
Centre



Tanzania Roads Association
(TARA)

AFRICA REGIONAL SEMINAR ON “BUILDING CLIMATE- RESILIENT TRANSPORT INFRASTRUCTURES, ADAPTING DESIGN OF EXISTING TRANSPORT INFRASTRUCTURES TO A CHANGING CLIMATE”

FIRST ANNOUNCEMENT



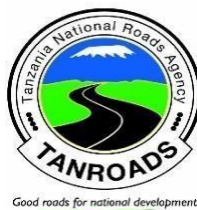
23RD – 27TH JUNE 2025

MOUNT. MERU HOTEL, ARUSHA, TANZANIA

Organised by:

The Ministry of Works in Tanzania through Tanzania Roads Association (TARA) and Tanzania Transportation Technology Transfer (TanT²) Centre in Collaboration with Other Local and International Institutions.

Supported by:



INTRODUCTION:

The Tanzania Roads Association (**TARA**), which is also a National Committee of the World Road Association (**PIARC**) under the Ministry of Works in Tanzania, in collaboration with the Tanzania Transportation Technology Transfer (**TanT²**) Centre, Tanzania National Roads Agency (**TANROADS**), Tanzania Rural and Urban Roads Agency (**TARURA**), the Roads Fund Board in Tanzania with other local and international institutions, is organizing the **Africa Regional Seminar on “Building Climate Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate”** to be held from **23rd – 27th June 2025** at Mount. Meru Hotel, Arusha Tanzania.

Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” is designed to provide a comprehensive knowledge of the basic concepts and recent advances related to climate change and its impact on resiliency of the transport infrastructures. Participants will learn about recent developments in resilience of transport infrastructure pavements, bridges, culverts, drainage structures, and slope protection works due to the impacts of climate change stressors. Participants will be guided through various interactive modules to develop skills and knowledge to understand the basic knowledge and skills to evaluate different climate change factors and how they impact the performance of the transport infrastructure system.

Throughout this Africa Regional Seminar, the extreme weather events such as sea level rise, floods, hurricanes, and extreme heat, and their impacts on the transport infrastructures will be discussed. Advances in pavement resilience evaluation with regards to design and construction of climate resilient pavements, will also be addressed through dedicated modules for each topic. A special focus will be on accessing the vulnerability of pavements, resilient pavement design strategies, monitoring performance parameters, and pavement adaptation strategies.

SEMINAR OBJECTIVES:

- Understand the basic concepts of transport infrastructure resilience.
- Become familiar with different climate stressors and extreme weather events (precipitation, flooding, extreme temperatures) that can impact the performance of transport infrastructures such as pavements of transport infrastructures (roads, airport runways), bridges, culverts, drainage structures, railway embankment, railway track, flooding of seashores and lakes and floods at airports etc.
- Understand the basic concepts of transport infrastructure performance parameters and evaluation methods.
- Understand the process for planning, design, maintenance and operation of resilient transport infrastructure systems (road pavements, bridges, culverts, drainage structures, slope protection works, updating of transport construction and maintenance standards, etc.).
- Learn about adaptation strategies and vulnerability assessment frameworks.
- Gain practical experience in employing transport infrastructures resiliency evaluation tools.
- Learn about the advances and innovations in climate resilient transport infrastructures.

TARGETED AUDIENCE:

- **Civil Engineers and Infrastructure Planners:** Professionals focused on the design and construction of transport Infrastructures who need to integrate climate resilience into their projects.
- **Environmental Engineers:** Engineers specializing in minimizing the environmental impact of infrastructure projects and ensuring that infrastructures constructions are sustainable and resilient to climate change.
- **Transportation Policy Makers:** Government officials and policy advisors responsible for developing and implementing transportation policies that address climate change resilience.
- **Urban and Regional Planners:** Planners involved in the development of urban and rural areas who need to ensure that infrastructures are resilient to climate impacts.
- **Disaster Risk Management Specialists:** Experts focused on assessing and mitigating the risks associated with natural disasters, including those exacerbated by climate change.

SUPPORTERS/COLLABORATORS:

Tanzania Rural and Urban Roads Agency (TARURA).

Tanzania Rural and Urban Roads Agency (TARURA) is an Executive Agency of the President's Office, Regional Administration and Local Government, (PO-RALG), established under Section 3 (1) Of the Executive Agencies Act. (Cap. 245) by Order published in Government Notice No.211 dated May 12, 2017; and was inaugurated on July 02, 2017. Tanzania Rural and Urban Roads Agency (TARURA) is vested with the responsibility of managing the development, rehabilitation, maintenance, axle load control; environmental and road reserve management of rural and urban roads network for the socio-economic development of Tanzania. (<http://www.tarura.go.tz/>)

Tanzania National Roads Agency (TANROADS).

Tanzania National Roads Agency (TANROADS) is an Executive Agency of the Ministry of Works established under the Executive Agencies Act No. 30 of 1997 responsible for management, development and maintenance of the trunk and regional road network in Tanzania. The aim of TANROADS is to provide cost effective and sustainable maintenance and development of the primary road network comprised of all trunk and regional road network to support the socio-economic development of Tanzania (www.tanroads.go.tz).

Roads Fund Board, Tanzania.

The **Roads Fund** and **Roads Fund Board** were established by statutory instrument Road and Fuel Tolls Act CAP 220 (Revised edition 2006). The Board comprises of nine members, five from the private sector and four from the public sector. Pursuant to the law, the Board is mandated to ensure full collection of funds, disbursement and monitoring utilization of the same. Furthermore, the Act states that at least 90% of its funds should be used for maintenance and emergency repair of classified roads and related administrative costs and not more than 10% of its funds for roads development and related administrative costs in Mainland Tanzania. The Act also stipulates that “all administrative costs with regard to the Roads Fund Board shall be defrayed from the Roads Fund”. Funds are disbursed to implementing agencies such as Ministry of Works Tanzania National Roads Agency (TANROADS) for Trunk and Regional roads, the President’s Office Regional Administration and Local Government (PO-RALG), Tanzania Rural and Urban Roads Agency (TARURA) for roads under the Local Government Authorities (www.roadsfund.go.tz).

Tanzania Roads Association (TARA)

Tanzania Roads Association (TARA) is a nongovernmental organization (NGO), non-political, non-profit and non-religious organization established and **registered on 5th July 1991** with the Ministry of Home Affairs, Tanzania under the Societies Ordinance Cap.337 whose mission is ***“to promote best practices in the planning, designing, construction, management and use of roads as well as appropriate measures to enhance safety, effectiveness and efficiency of road infrastructure through sharing of knowledge, experience, organizing trainings and demonstrative projects and programs that are environmentally friendly”***. TARA among others encourages and provides training to both road users as well as road professionals, through conducting short courses, seminars, workshops and organizing Annual Roads Conventions for the purpose of discussing and sharing experience and technology in the roads sub sector. TARA membership is open to any individual with interest in roads and road transport who is ready to join hands in supporting and promoting vision, mission and objectives of TARA. <https://www.tara.or.tz/> or **E-mail:** info@tara.or.tz

Tanzania Transportation Technology Transfer (TanT²) Centre

The Government of Tanzania through the Ministry of Works established the Tanzania Transportation Technology Transfer (TanT²) Centre in August 1997 whose mission is *“To foster safe, efficient and environmentally sustainable transportation systems in Tanzania by improving skills and knowledge of transportation providers and users through training, technical assistance and technology transfer”*. TanT² Centre is a unit under the Ministry of Works. The establishment of the Centre is an initiative that aims at improving transportation in the country at all levels through technology transfer. TanT² Centre facilitates ways to enable users and providers of all modes of transport in the country to keep pace with the fast- changing transportation technology (www.tant2centre.or.tz).

VENUE AND DATES FOR THE SEMINAR:



Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” will be held from 23rd – 27th June 2025 at Mount. Meru Hotel, Arusha, Tanzania.

LOCATION AND ACCESS:

- Located in East Africa, Tanzania is the land of the highest mountain in Africa, the Kilimanjaro towering at 19,340 feet (5,895m); it is home to the world's famous archaeological and historical sites - Olduvai Gorge (cradle of mankind); with more than 20 national parks and game reserves, abundant wildlife, bird species, the flora and fauna makes Tanzania one of the top safari destinations in Africa. Tanzania is the origin of the world's famous migration of millions of wildebeests from Serengeti plains crossing the border to Kenya. Ngorongoro crater, the eighth wonder of the world, is another spectacular scenery Tanzania is endowed with. It is at Africa's internationally acclaimed park - Gombe National Park, along Lake



Tanganyika where you will witness the home of "The People of the Forest", the chimpanzees. In addition, Tanzania boasts of the Selous Game Reserve, which is Africa's and the world's largest protected wildlife area. The coastline stretching 1,424km provides white sandy un-spoilt beaches such as those found in the islands of Zanzibar, Mafia and Pemba. With coral reefs that make superb dive sites, visitors enjoy many aquatic sporting activities.

- **Getting to Arusha:** Arusha is served by two airports, the Kilimanjaro International Airport (JRO) with Daily Direct Flights from Europe and other places worldwide., and the Arusha Airport (ARK: domestic flights only). Kilimanjaro International Airport is approximately 40 km from Arusha town.
- **Flying via Dar es Salaam International Airport (DIA):** If your first port of entry into Tanzania is through Dar es Salaam, please book a local connection to JRO. Many different airlines fly directly to DIA. Local connections are possible from Dar es Salaam to JRO and ARK. This enables passengers to have smooth connections with international flights through DIA. If you require assistance in booking local air tickets, inform the Secretary, Organising Committee.
- Arusha is the main tourist hub of Tanzania, located north of the country. It is the gateway to the Northern parks of Serengeti, Ngorongoro Crater, Tarangire, Lake Manyara and Mt. Kilimanjaro. Flights are therefore normally fully booked. So early bookings are recommended.
- **Transport in Arusha** will be arranged for delegates from/to the Kilimanjaro International Airport and Arusha Airport (domestic flights only) upon arrival and departure at a cost of **Tshs. 10,000/= (about USD 5)** per delegate.

INFORMATION ON VISA REQUIREMENTS:

For Visa requirements contact your local Tanzanian Embassy or visit the website of the Ministry of Home Affairs in Tanzania at www.moha.go.tz

Airport Departure Tax

All International Departures from Tanzania airports attract International Departure Tax. We would recommend that you contact your ticketing agent in order to check that this is included within the price of your ticket.

REGISTRATION FEES:

Registration: Pre-registration is required before **15th June, 2025**, and the delegates to attend **Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Existing Design of Transport Infrastructures to a Changing Climate”** are required to fill the delegate registration form online at <https://www.tara.or.tz/participant-registration-form-online-africa-regional-seminar-%E2%80%9Cbuilding-climate-resilient-transport>

Registration Fees:

The Registration Fees for attending **Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate”** have been established as follows: -

Attendance	Categories	Until 15 th June, 2025	After 15 th June, 2025
Delegates (TARA Non-Member)	Foreign delegates	US\$ 1,000	US\$ 1,250
	Tanzanian delegates	Tshs. 2,300,000	Tshs. 2,500,000
	Student	Tshs. 500,000	Tshs. 600,000
Delegates (TARA Member)	Tanzania delegate	Tshs. 2,000,000	Tshs. 2,000,000
Exhibitors	Foreign Exhibitors	US\$ 1,000	US\$ 1,500
	Local Exhibitors	Tshs. 4,000,000	Tshs. 4,500,000

The Registration Fees for Attendants of the Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” cover: -

- Seminar attendance.
- Seminar materials.
- Access to exhibitions.
- Lunches and refreshments during the Seminar.
- Certificate of Attendance.

EXHIBITIONS:

At Mt. Meru Hotel an exhibition of technologies, products and services a showcase for all related industries will be held in conjunction with the Africa Regional Seminar on “Building Climate-Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” whereby construction companies, local and foreign equipment and material suppliers and consultants will be able to exhibit their products, services and technologies. Exhibition space is available on a first come, first served bases.

The Registration Fees for Exhibitors cover: -

- Provision of Exhibition Facilities
 - 3m x 3m Exhibition Booth (in case you need more space, contact the Secretariat)
 - Electricity Socket connection
 - 1 Table
 - 2 Chairs
 - 1 waste basket
 - Your Company Name on the site of the event
- Exhibitor Company Data in the Official Guide
- 2 Exhibitor badges per exhibition booth
- Seminar documents
- Lunches and refreshments during the Seminar.

Public and private institutions and firms wishing to exhibit are required to fill the exhibition registration form online at <https://www.tara.or.tz/exhibition-registration-form-africa-regional-seminar-%E2%80%9Cbuilding-climate-resilient-transport>

SPONSORSHIP OPPORTUNITIES:

A great opportunity exists to sponsor the Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” There are a range of sponsorship opportunities available including: -

ITEM	SPONSORED AMOUNT	BENEFITS.
SPONSOR A SESSION	Gold Sponsor: TZS 10,000,000	a) Company to provide slides for showing before and between sessions in hall. b) Company will be given a timeslot for a 15-minute presentation during the preliminary session/ free ticket for the first day for the person doing the presentation c) Acknowledgment as a Gold Sponsor on all promotional materials and e-promotions in the lead up to the event. d) Strategic logo placement on event webpage, the cover of online preliminary programme, on cover of the printed programme, logo on the proceedings webpage and

		<p>projected during sessions, Electronic logos with hyperlink.</p> <p>e) Certificate of Appreciation as a gold sponsor.</p>
	<p>Silver Sponsor: TZS 7,000,000</p>	<p>a) Company to provide slides for showing between sessions in hall.</p> <p>b) Company will be given a timeslot for a 10-minute presentation during the mid-session/ free ticket for the first day for the person doing the presentation</p> <p>c) Acknowledgment as a Silver Sponsor on all promotional materials and e-promotions in the lead up to the event.</p> <p>d) Strategic logo placement on event webpage, the cover of online preliminary programme, on cover of the printed programme, logo on the proceedings webpage.</p> <p>e) Certificate of Appreciation as a silver sponsor.</p>
	<p>Bronze Sponsorship: TZS 5,000,000</p>	<p>a) Company to provide slides for showing between sessions in hall.</p> <p>b) Company will be given a timeslot for a 5 -minute presentation during the mid-session/ free ticket for the first day for the person doing the presentation</p> <p>c) Acknowledgment as a Silver Sponsor on all promotional materials and e-promotions in the lead up to the event.</p> <p>d) Certificate of Appreciation as a bronze sponsor.</p>
<p>DELEGATES' BAGS</p>	<p>TZS 4,000,000 Branded 100 Bags</p>	<p>a) Bags may carry sponsor's logo/slogan</p> <p>b) Acknowledgement in Programme Handbook,</p> <p>c) One free ticket to the opening day</p>
<p>COMPANY BANNER</p>	<p>TZS 1,000,000</p>	<p>a) Company Banners (2) will be placed one inside the conference and another will be placed at the registration desk.</p>

USB(with Seminar papers)	TZS 2,500,000 Branded (100 USB's)	<ul style="list-style-type: none"> a) Sponsor's name/ logo will be printed on USB & b) Company profile in USB c) One free ticket to the opening day
DELEGATES NAME BADGES	TZS 1,000,000 Branded (100 name badges)	<ul style="list-style-type: none"> a) Name badges to carry sponsor's logo in full corporate colours (Logo will be printed on Lanyard and name badge insert)
BROCHURE IN DELEGATES' BRIEF BAGS	TZS 500,000	<ul style="list-style-type: none"> a. Company information brochures/literature (approx. 100) inserted into delegates' bags b. Acknowledged in Programme Handbook

FURTHER DETAILS ON SPONSORSHIP OPPORTUNITIES, PLEASE CONTACT:

Contact through Tanzania Roads Association (TARA) at info@tara.or.tz; with a copy to the Secretariat of the Organising Committee, Eng. Laurent Athanas at fabianlaurent.tara@gmail.com Mobile Phone; or +255 753 246 763.

TERMS OF PAYMENT:

All Payment should be made by Bank Transfer to the TARA Project Accounts as follows:

1. Local Delegates: Participants from Tanzania should make Payments to the following Tanzania Roads Association's Tanzania Shilling Account;

Detail	Information
Account Name	TARA Project Account
Account Number	0150360676301
Bank Name	CRDB Bank PLC
Branch Name	Msasani
Swift Code	CORUTZTZ
Bank Contact	Msasani Tower, Off Kimweri Drive, Dar es Salaam, Tanzania
Tel	+255 22 2923344
Fax	+255 22 2923345

2. Foreign Delegates: International Participants should make Payments to the following Tanzania Roads Association's US Dollar Account;

Detail	Information
Account Name	TARA Project Account
Account Number	02503606676300
Bank Name	CRDB Bank PLC
Branch Name	Msasani
Swift Code	CORUTZTZ
Bank Contact	Msasani Tower, Off Kimweri Drive, Dar es Salaam, Tanzania
Tel	+255 22 2923344
Fax	+255 22 2923345

Important Notes

- ✓ Participants are responsible for covering all bank transfer charges.
- ✓ The exchange rate of the US Dollar to the Tanzanian Shilling may fluctuate based on financial and economic conditions.
- ✓ It is crucial to include the participant's name and the Seminar title in the remittance information to ensure proper tracking of payments.

CONFIRMATION OF REGISTRATION:

Registrations will be acknowledged in writing to the e-mail or other address nominated in the registration form along with an invoice acknowledging receipt of payment. If you have not received confirmation within 7 days of submitting payment contact Tanzania Roads Association (TARA) at info@tara.or.tz; with a copy to the Secretariat of the Organising Committee, Eng. Laurent Athanas at fabianlaurent.tara@gmail.com Mobile Phone; +255 753 246 763.

CANCELLATION POLICY:

Delegates who after registering are unable to attend the Africa Regional Seminar on “Building Climate-Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” are welcome to nominate a substitute delegate. If there is no one that can be nominated as a substitute a refund of registration fees will be made if written advice is received by **15th February, 2025**. No refunds will be given after that date; however, nominations for substitute delegates will continue to be accepted.

SEMINAR LANGUAGES:

The official language of the **Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate”** will be English. No translation services will be provided at the Seminar.

SEMINAR TOPICS:

1. Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” will provide a platform for professionals, researchers, experts, engineers, and scholars to exchange and share ideas on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” Topics which will be discussed to include: -Introduction to Climate Resilience in Transportation.

Defining what it means for transport systems to be resilient, including considerations for infrastructure, services, and operations.

2. **Climate Change Vulnerability Assessment.**

Identifying potential risks and vulnerabilities of transport systems to climate change impacts, such as extreme weather events and sea-level rise.

3. **Climate-Related Emergency Preparedness and Management.**

Developing strategies for responding to climate-related emergencies, including transportation disruption and recovery.

4. Resilient Transport Infrastructures Planning, Design and Construction Techniques.

Building Resilience into Infrastructure: Incorporating climate change considerations into all stages of transport planning, from strategic planning to project design and implementation.

5. Adaptation and Mitigation Strategies.

Building Resilience into Infrastructure: Designing and constructing infrastructure that can withstand climate change impacts, including using climate-resilient materials and designs.

Adapting Existing Infrastructure: Implementing adaptation measures for existing infrastructure, such as retrofitting, upgrading, and improving maintenance practices.

6. Decision Analysis Techniques, to Identify how to Maximize the Cost-Effectiveness of Investing

in Infrastructure Resilience Plans.

7. Technology and Innovations in Climate Resilient Transport Infrastructures.
8. Policy, Regulations, Planning, and Community Engagement.

RESOURCE PERSON:

The Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” will bring together internationally renowned resource persons and instructors who will share invaluable knowledge, technologies, experiences and best practices. Africa Regional Seminar on “Building Climate- Resilient Transport Infrastructures, Adapting Design of Existing Transport Infrastructures to a Changing Climate” promises to be an unmissable opportunity for learning, networking, and professional growth in the transport sector.

ORGANIZING COMMITTEE:

Chairman	Joseph O. Haule, Chairman Tanzania Roads Association (TARA).
Member	Eng. Silvester Haonga, TanT ² Centre, Ministry of Works, Tanzania.
Member	Eng. Dr. Christina Kayoza, Tanzania National Roads Agency(TANROADS).
Member	Eng. Venant Komba, Tanzania Rural and Urban Roads Agency (TARURA).
Member	Mr. Eliamlisi Mlay, Honorary Secretary, Tanzania Roads Association (TARA).
Member	Mr. Daudi Kitomo, Tanzania Roads Association (TARA).
Member	Eng. Laurent Athanas, Tanzania Roads Association H(TARA).
Member	Ms. Anna Nkoma, Tanzania Roads Association (TARA).
Secretary	Eng. Hagai K. Bishanga, Honorary Secretary, Tanzania Roads Association(TARA)

Suggested Accommodation

Please book your accommodation directly with your hotel preference. Special discounted room rates (including taxes) have been made with the following hotels: -

S/ N	NAME OF HOTEL	RATES (RESIDENT)	RATES (NON- RESIDENT)	EMAIL	PHONE NUMBER
1	KIBO PALACE	Single room Tshs 351,000/= per night.	Single room USD 137 per night,	info@kibopalacehotel.com	Mary Molan +255 753 036 444
2	EQUATOR HOTEL	Single room Tshs 80,000/= Tshs Double Tshs 120,000/=	Single room Tshs. 80,000/= Double Tshs. 120,000/=	manager@equator-hotel.com finance@equator.hotel.com	+255 685 130013 +255 754375581
3	ARUSHA PARIS HOTEL	180,000/= Tshs	USD 86	Delphine.bahati@gmail.com	Bahati Delphine. +255 755706206
4	GRAND MELIA HOTEL	USD 275.00 Delux room Mount Meru View per night	USD 275.00 Delux room Mount Meru View per night	reservations.gran.melia.arusha@melia.com	+255 746 981 901
5	FOUR POINT HOTEL, THE ARUSHA HOTEL	\$146.45	\$146.45	reservations@fourpointsthearushahotel.com	Mr. Hilary Shayo +255 683 500076
6	GOLD CREST HOTEL	\$130	\$130	reservations@goldcresthotel.com	+255 756 908088
7	Mc ELLYS HOTEL	\$60	\$60	reservations1@antelopesafaris.co.tz	Beatrice Shawa +255 677 094 512
8	MOUNT MERU HOTEL	\$ 140	\$ 140	reservations1@antelopesafaris.co.tz	Beatrice Shawa +255 677 094 512

NB: Transport will not be provided to/from the venue to/from these hotels.