



The Ministry of Works and Transport, Tanzania



Tanzania Transportation Technology Transfer Centre



Tanzania Roads Association (TARA)



International Road Federation
Fédération Routière Internationale
Federación Internacional de Carreteras

Regional Seminar and Course on Road Asset Management for Senior Executives and Decision Makers;

Arusha International Conference Centre (AICC), Arusha, Tanzania, 6th - 11th June 2022

Course and Seminar Announcement

Introduction

The Tanzania Roads Association (**TARA**) which is also a National Committee of the World Road Association for Tanzania in collaboration with the Tanzania Transportation Technology Transfer (**TanT²**) Centre and **TANROADS** under the Ministry of Works and Transport in Tanzania, Tanzania Rural and Urban Roads Agency (**TARURA**), the International Road Federation (**IRF**) Geneva, the World Road Association (**PIARC**), the African Road Maintenance Funds Association (**ARMFA**), the Association of Southern African National Roads Agencies (**ASANRA**) and other local and international institutions is organising a 5 days **Course on Road Asset Management for Senior Executives** to be held at Arusha International Conference Centre (AICC), Arusha, Tanzania from 6th - 10th June 2022 followed by a 1 day **Regional Seminar on Road Asset Management for Decision Makers** to be held at the same venue AICC, Arusha, Tanzania on 11th June 2022.

Road Asset Management is a strategic approach to managing road transportation infrastructure assets. The Regional Seminar and Course on Road Asset Management is highly desirable at this juncture, especially in developing countries such as countries in Sub-Saharan Africa where budget and other resources are more acute. Road agencies, municipal councils and other local governments continue to face an increasing challenge of preserving and renewing road networks and other civil infrastructure assets while ensuring sustainable, safe and efficient civil infrastructure assets. A key aspect of managing these civil infrastructure assets is related to the need for agencies to keep a comprehensive inventory of assets (such as pavements, bridges & structures, right of way lands, road signs, road furniture, etc.) to readily track work activities, periodic inspections, condition assessments and activity-based costs. More important is the need to better carry out comprehensive prioritization and trade-off analysis to decide between investing on preservation/expansion of one type of asset vs. another and/or operating expenditures vs. capital outlays to achieve the highest possible return on investment on every investment allocation across diverse domains of assets over very long-term view of assets' lifecycle.

Recent research has demonstrated that road agencies need to be proactive rather than reactive in managing the road assets. With a robust planning system in place, both new roads and rehabilitation work can be planned and implemented to ensure maximum value for money for the entire portfolio of assets. This will eliminate *managing the backlog* from year to year. Also, incorporation of asset preservation at the strategic level (agency-wide) planning has been proven to achieve better assets at reduced long-term life-cycle costs while giving road users efficient transportation system, reducing vehicle operating costs and travel times, etc.

Regional Seminar on Road Asset Management for Decision Makers

Seminar Objectives:

The primary objectives of the seminar are to share experience and best practices on Road Asset Management.

Course on Road Asset Management for Senior Executives

Course Overview: This course offers a total of 40 hours [over five days] professional and practical oriented training. This course focuses on the concepts of road asset management systems and is custom tailored for CEOs, executive directors, assistant directors, Managers and senior staffs in the broad practice of managing road assets. The first 2 days will focus on seminar style for decision-makers. Subsequently, the course will offer more practical technical examples (and/or case studies) will be drawn from data from actual road agencies case studies to support assimilation of the concepts. However, the materials and the underlying concepts will be generic enough to be of benefits to all participants inclusive of technical and non-technical specialists.

The course among other things, introduces the concepts of strategic management for road networks and optimisation of capital and maintenance works. The training course also deals with optimization and trade-off analyses to answer questions such where to spend available funds to ensure the maximum best condition of roads or best value for money. The course will explore scientifically justified techniques for developing agency-wide (network-wide) strategic plans and achievable performance targets to allow objective periodic monitoring of progress, etc. The course will also deal with the trade-off between preservation of existing road infrastructure versus needs to build new ones (i.e., how should the road agencies (or municipal/district councils) objectively decide between maintenance vs. capital works). Also, extensive coverage will be given to the best practices from other agencies on the value of proactive preservation strategies. Each participant will receive training materials.

Outcomes: Upon completion of the course, participants will be able to:

- i) Understand the fundamentals of road asset management systems (RAMS);
- ii) Appreciate why using road asset management is important to a road agency;
- iii) Visualize how the framework and principles of road asset management fit into the business processes of a road agency (or district/municipal council);
- iv) Carry out a self-assessment to benchmark the maturity of asset-management in their agency;
- v) Develop road-asset-management goals and objectives for their Road Agency;
- vi) Develop a basic understanding of related technical concepts such as long-term planning and performance based planning;
- vii) Acquire understanding of priority planning, budgeting; trade-off analyses between preservation vs. capital expansion; and various strategies across asset types.
- viii) Learn best practices of maintenance and preservation strategies for road assets;
- ix) Understand the role of, and key elements of Performance Measurement, and monitoring & evaluation (M&E);
- x) Appreciate the basic requirements for implementing and mainstreaming asset management for a Road Authority (or municipal council); and
- xi) Acquire an overview of supporting technologies for road asset management.

Target Audience: The Course on Road Asset Management is specifically designed for decision-makers, CEOs, executive directors, managers and senior technical staffs in engineering practices and other road sector institutions. It is intended for persons who typically have the responsibility for decision-making in one or more areas addressed by transportation asset management. The introduction modules at the beginning of the course will provide a good overview of asset management that is suitable for senior executives. It is recommended that executive directors (CEOs) and agency top management attend the first two days (as a minimum) to appreciate the basics and importance of road asset management system. Good understanding of the motivation and principles of RAMS will build awareness and the necessary “buy-in” needed prior to planning any implementation steps. Participants should represent a number of organizational units, including (but not limited to) planning, project engineering (e.g., design & construction engineers), maintenance engineers, procurement specialists, financial management staff, and information technology. The course is

also intended for individuals who manage or provide critical information to senior managers, or who have direct responsibility for M&E or sector reporting, e.g., on roads performance indicators.

Language: English
Class Size: 70 participants

Accreditation and Certification of the Course and Seminar:

The Regional Seminar and Course on Road Asset Management has a formal assessment component, which must be passed to achieve certification. Delegates attending the **Regional Seminar on Road Asset Management for Decision Makers** and those completing the **Course on Road Asset Management for Senior Executives** will receive an IRF Continuous Professional Development (CPD) Certificate of Attendance recognised by the Engineers Registration Board of Tanzania. Also, the Regional Seminar and Course is accredited with the Engineers Registration Board of Tanzania. Any registered engineer who will attend this course for **5 days** consecutively as scheduled, is eligible to earn a total of **30 Professional Development Units (PDUs)** in his/her Continuous Professional Development (CPD) Programme.

Venue and Dates for the Regional Seminar and Course on Road Asset Management



The Africa Regional Seminar and Course on Road Asset Management will be held from **6th – 11th June 2022** at the Arusha International Conference Centre, Arusha, TANZANIA. (<http://www.aicc.co.tz/>)

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 worlds 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 unspoilt 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. **Direct International daily flights to Kilimanjaro International Airport:** KLM, Ethiopian Airlines, Kenya Airways and Air Tanzania (from South Africa).



- **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, including British Airways, Swiss Air, Emirates, Qatar Air, Kenya Airways, South African Airways, etc. 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 Seminar Administrator.
- **Flying via Nairobi:** If you fly via Nairobi, there are two options of arriving in Arusha. Nairobi is about 360 kms from Arusha town. You can connect regional flights to JRO, please book with your travel agent. Precision Airways has five daily flights from Nairobi to JRO. OR you can travel by shuttle to Arusha. Shuttle buses leave from Stanley hotel in Nairobi and from the Jomo Kenyatta International Airport, Kenya at 8.00am and 2.00pm daily. You can use Riverside, Impala or Davanu shuttles. NB: Shuttle pick up from the airport can be arranged if flight arrival details are communicated to the organizer early enough. The trip takes 5 hours including border checks.
- 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.

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

Health and Immunizations

We are glad that you have chosen to travel to Tanzania. For your safety and the well-being of those around you, please be informed that it is mandatory to complete the Public Health Surveillance Form online within 24 hours before arrival. You can start by searching your passport and complete the travellers form. Children traveling with a guardian/parent, will also need to complete their own.

An online web based surveillance to gather traveller information pertaining to the purpose of improving public health. This is in accordance with Public Health Act 2009, thus false information is an offence. Each passenger is required to complete an individual form. Children traveling with a guardian/parent, will also need to complete their own form:

Before you start, the following are requirements to complete the Travellers Surveillance Form:

- Your passport information
- Your travel details, including times and dates

Upon Submission of the form

- Travellers will receive a confirmation notification
- The notification will contain their Unique Health Code (UHC) which they will present upon arriving in Tanzania at health desk.

All delegates to attend and participate in the Road Asset Management Course and Seminar will be required to observe the health protective measures/guidelines against COVID-19 pandemic, which includes social distancing of at least one (1) metre, wearing face masks, and hand washing and sanitization.

For more information, visit: <https://afyamsafiri.moh.go.tz/>

Registration: Registration fee for participation in the **Regional Seminar on Road Asset Management for Decision Makers** is Tanzania Shillings **360,000/=** for local participants and **USD 200** for foreign participants to cover costs of attendance to the seminar, seminar materials, a certificate of attendance, lunch and refreshments during the seminar. Registration fee for attending the **Regional Seminar and Course on Road Asset Management for Senior Executives and Decision Makers** is Tanzania Shillings **2,160,000/=** for local participants and **USD 1,200** for foreign participants to cover costs of tuition, training materials, a certificate of training, lunch and refreshments during the course. The registration fee does *not* include travel and or accommodation. Registration fee for participation in the **Exhibitions** at the Course and Regional Seminar on Road Asset Management for Senior Executives and Decision Makers is Tanzania Shillings **4,000,000/=** for local exhibitors and **USD 2,500** for foreign exhibitors.

Registration Fees:

The Registration Fees for attending the **Regional Seminar and Course on Road Asset Management for Senior Executives and Decision Makers** have been established as follows:

Attendance	Categories	Until 30 th May 2022	After 30 th May 2022
Regional Seminar	Foreign delegates	US\$ 200	US\$ 250
	Tanzanian delegates	Tshs. 360,000	Tshs. 450,000
Regional Seminar and Course	Foreign delegates	US\$ 1,200	US\$ 1,500
	Tanzanian delegates	Tshs.2,160,000	Tshs. 2,500,000
	Foreign Exhibitors	US\$ 2,500	US\$ 3,000
	Local Exhibitors	Tshs. 4,000,000	Tshs. 4,500,000

The Registration Fees for the Regional Seminar attendants cover:-

- Seminar attendance
- Seminar ,materials
- Access to exhibitions
- Lunches and refreshments during the seminar
- Seminar Dinner
- Certificate of training

The Registration Fees for attendants of both the Regional Seminar and Course cover:-

- Attendance to the seminar and workshop
- Seminar and workshop materials
- Access to exhibitions
- Lunches and refreshments during the seminar and workshop
- Seminar Dinner
- Certificate of training

Exhibitions

At the Arusha International Conference Centre an exhibition of technologies, products and services – a showcase for all related industries will be held in conjunction with the Africa Regional Seminar and Workshop on Roads Asset Management whereby construction companies, local and foreign equipment and raw material suppliers and consultants will be able to exhibit their products, services and technologies. Exhibition space is available on a first come, first served basis.

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 Dinner
- Seminar documents
- Lunches and refreshments during the seminar and workshop

Public and private institutions and firms wishing to exhibit are required to fill the registration form online at <https://www.tara.or.tz/exhibition-registration-form-june06-11>.

Individuals, firms and institutions interested in participating at the seminar and course are requested to **fill and submit the registration form online** at <https://www.tara.or.tz/regional-seminar-coursejune06> or complete and email the attached registration form and return to Tanzania Roads Association (TARA) at info@tara.or.tz; with a copy to the Secretariat of the Organising Committee, Eng. Hagai Bishanga at hbishanga@yahoo.com, Eng. Abdul Awadhi at aaawadh@yahoo.com and Eng. Laurent Athanas at fabianlaurent05@gmail.com Mobile Phone; +255 754362157 or +255 789242112 or +255753246763. **Confirmation will be made upon receiving payments.** The deadline for paying is **30th May 2022**.

Cancellation Policy

Delegates who after registering are unable to attend the seminar and or workshop 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 **30th May 2022**. No refunds will be given after that date however; nominations for substitute delegates will continue to be accepted.

Sponsorship Opportunities

A great opportunity exists to sponsor the Africa Regional Seminar and Workshop on Roads Asset Management. There are a range of sponsorship opportunities available for the Regional Seminar and Workshop on RAM, including: -

Event Marketing Before the Event

- Regular e-mailing to the entire IRF membership and over 10,000 contacts from the transport sector globally;
- Media coverage through articles and announcements in transport publications all over the world;
- Distribution of the event flyer and brochure at key international transport events;
- Promotion of the Africa regional seminar and workshop through the IRF website, and websites of collaborating institutions that includes the Association of Southern African National Roads Agencies (ASANRA), Ministry of Works, Transport and Communication in Tanzania, TANROADS, Roads Fund Board in Tanzania and Tanzania Transportation Technology Transfer Centre.

During and After the Event

- Conference bags with final programme, list of participants, specialised publications/magazines and information on sponsors will be distributed to participants;
- Seminar and workshop proceedings will be compiled online and sent to all participants as well as key stakeholders and partner organisations.

Main Packages:

Gold Sponsor – USD 10,000 (Tshs. 20,000,000/=)

This package offers you the following benefits:

- Acknowledgment as a Gold Sponsor on all promotional materials and e-promotions in the lead up to the event.
- Strategic logo placement on event webpage, the cover of online preliminary programme, on cover of the printed programme, logo on the proceedings webpage and projected during sessions. Electronic logos with hyperlink.
- Two free registrations to the event (seminar and workshop).
- One standard booth (3mX3m)
- One insert in the delegates' bags (to be provided at your own expense).
- Opportunity for corporate profile in final programme (maximum 350 words).

Silver Sponsor – USD 5,000 (Tshs. 10,000,000/=)

This package offers you the following benefits:

- Strategic logo placement on event webpage, the cover of online preliminary programme, on cover of the printed programme, logo on proceedings webpage and projected during sessions. Electronic logos with hyperlink.
- One free registrations to the event (seminar and workshop).
- One insert in the delegates' bags (to be provided at your own expense).

Bronze Sponsor – USD 3,000 (Tshs. 5,000,000/=)

This package offers you the following benefits:

- Strategic logo placement on event webpage, the cover of online preliminary programme, on cover of the printed programme, logo on proceedings webpage and projected during sessions. Electronic logos with hyperlink.
- One free registration to the event (seminar only).

Mode of Payment: It is advised for payment of registration fees for participation and exhibition at the seminar and courses to be made by Bank Transfer to the Tanzania Roads Association Account as follows: -

Account Name: **TARA Projects Account**

Account Number: **0150 360 676 301**

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

Resource Persons for the Seminar and Courses: The Lead Resource Person for the Seminar and Course is **Prof. Donath Mrawira, Ph.D., P.Eng**, Chief Executive Officer of Canitan Engineering Group (T) limited and a Senior Partner of 4M Global Inc. of Canada.



Prof. Mrawira is renowned international expert in **road asset management systems**, Transportation & Infrastructure assets, development & management. He is a professional registered engineer with over 30 years' experience. He has extensive experience at senior project leadership positions in organisational review, business process mapping, development of corporate strategy, systems-wide planning, strategic planning, *transportation asset management systems, investment planning and resource optimisation*. He has broad expertise in transport sector strategy development; network level transport management; *investment programming, prioritization, and life-cycle analysis*; transportation infrastructure evaluation and design. His practice has a diverse background from construction site engineer, civil/road works site engineer, to research engineer in road materials, including SUPERPAVE for bituminous mix. In the last 20 years, Prof. Mrawira has been consulting, managing advanced research, and *training in the area of infrastructure assets management*, road construction and road materials, and pavement design. Prof. Mrawira was the Project Manager, a \$4.5 million Federal Canada funded project to develop a comprehensive infrastructure management technology. He was also Lead Technical Expert for the developing and implementing Asset Management Business Framework for the New Brunswick Department of Transportation (\$1.3 million). Prof. Mrawira was lead expert in development and implementation of Asset Management System for the Costa Rica National Roads Agency and the Cities of Dar-es-Salaam, Fredericton. Prof. Mrawira was also a Co-principal Investigator for the design and implementation of a Quality Management System for the Fredericton - Moncton Highway Project. Prof. Mrawira has also directed highly successful executive capacity building programs in over 10 countries in Africa, China, Latin and North America.

For more information please visit TARA Website at: <https://tara.or.tz/> or contact:

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