

9th Africa Transportation Technology Transfer Conference 2019

**Theme: “Building Resilient Transport Infrastructure for Social and
Economic Development”**

**24th - 26th July, 2019
Maputo, Mozambique**

BACKGROUND

The Association of Southern African National Road Agencies (ASANRA) was established in March, 2001 in line with The Southern African Development Community (SADC) Protocol on Transport, Communication and Meteorology. It was established with the aim of enhancing regional policy coordination and transport integration in order to improve intraregional road transport efficiency and lower transport costs. Membership of ASANRA is composed of representatives of National Road Agencies, Educational institutions, the private sector and other interested parties.

ASANRA organises regular African Transportation Technology Transfer (T2) Conferences which provide excellent platforms for sharing, exchanging and debating experiences, new technologies and best practices in the provision, maintenance and management of all modes of transport.

Since inception, ASANRA has organised eight (8) in Tanzania (twice), South Africa, Malawi, Namibia, Botswana, Zimbabwe and most recently Zambia.

The 9th conference will be hosted by Mozambique, in Maputo from 24th to 26th July, 2019 under the theme: “*Building Resilient Transport Infrastructure for Social and Economic Development.*”

CALL FOR PAPERS

For the 9th Conference the National Roads Administration (ANE) of Mozambique on behalf of the Ministry of Public Works, Housing and Water Resources of the Government of Mozambique is calling for papers from individuals and/or firms on the below selected topics.

Papers will be reviewed by a Technical Committee, with respect to overall quality of content, expected impact of the paper on the transportation sector in the region, presentation and relevance to the Conference and the delegates.

Papers that are accepted will be published in the Conference proceedings and will provide input into the Conference sessions. All authors of accepted papers will be required to present their work.

INFORMATION FOR AUTHORS

CONTENT - All papers must be original work available to be released for publication, and should not have been published previously or be under consideration for publication while being evaluated for this Conference.

Material that has been previously published will not be accepted. Any reference of political, commercial or advertising nature must be excluded from the papers. The indication of a brand name should be excluded in the title and in the abstract.

LANGUAGE – Abstracts must be submitted in English.

SUBMISSION – Abstracts should be submitted using the online facility from the dedicated email of the Conference Organising Committee (t2mozambique2019@gmail.com or t2mozambique2019@ane.gov.mz)

ABSTRACT FORMAT – As below:

TITLE OF WORK (TIMES NEW ROMAN - 14 BOLD CAPITAL LETTERS - STYLE: HEADER 1 OR HEADING 1)

Author¹ (Times New Roman - 11 Regular - Style: Header 2 or Heading 2); Author²; Author³

SUBJECT: Xxxxx Xxxxx (Times New Roman - 12 Bold - Style 3: Header or Heading 3)

Key words: Xxxxx / Xxxx / Xxxx / Xxxxxx (Times New Roman - 12 Regular - Style: Header 4 or Heading 4)

ABSTRACT:

Text summary (Times New Roman - 12 Regular - Style: Normal).

The papers submitted should not exceed 500 words in length inclusive of illustrations. The papers must be in MSWord, produced on A4 paper size in 12 Point Times New Roman font, single line spacing, and in a single column format. The margins should be 35mm on the left and 25mm on the other three sides of the page. The text must be fully justified and paragraphed must be separated by single line spaces, with all the information included (such as: Job title, Author, Theme, Keywords and Affiliation).

¹Author's affiliation (Times New Roman - 10 Italic - Style: Header 5 or Heading 5) (example: mail@mail.mz, entity, locality); ²Affiliation; ³Affiliation

TIMELINE:

Authors are advised to take note of these dates:

Deadline for submission of abstracts	14 th January, 2019
Notification of acceptance of abstracts	31 st January, 2019
Deadline for submission of final papers	29 th March, 2019
Notification of acceptance of final papers	30 th April, 2019
Conference, Maputo, Mozambique 2019	24th -26th July, 2019

ADDRESS FOR COMMUNICATION

The 9th Transportation Technology Transfer Conference

C/O Director of Planning

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CALL FOR PAPERS - TOPICS

Papers are called for the following topics exclusively.
Papers that fall outside this scope will not be considered.

1: Resilient Transport Infrastructures

Transport infrastructure represents the most important asset worldwide and mainly in the developing countries. Asset management is, therefore, a well established discipline which must be successfully implemented for highways as well as other physical assets.

Traditional methods of managing assets must progress to meet the requirements and constraints of the 21st century.

Papers shall deal with the following topics:

- Innovative Solutions for Design and Upgrade of Low Volume Roads
- Geotechnical Engineering projects (Problems/Solutions/Risks/Best Practices)
- Quality assurance in Infrastructures Projects
- Risk factors in design, implementation, evaluation and mitigation in infrastructures Projects
- Road asset management systems
- Integrated road asset management systems – Case studies
- Innovative Bridges Inspection Methods
- Natural disasters prevention systems
- Addressing climate change into infrastructure projects
- Nano technologies
- Innovative techniques in recycling of natural Gravel in roads construction
- Case studies on construction and maintenance of resilient infrastructures
- Innovative approaches to utilization of materials
- Innovative and Sustainable Geo-materials and Geo-systems
- Condition assessment and monitoring of transport infrastructure

2: Financing Systems of transport infrastructure: Public Private Partnership

- Roads fund raising systems
- Best Practice for Financial Models of PPP Projects
- Innovative arrangements of financing for transport infrastructure

- Mechanism for sustainable financing of road infrastructures
- Contractor Financed Initiatives
- Road Tolling
- Innovative financing models for transport infrastructure projects

3 Integrated transport systems

- Urban transport
- Utilization of IT in roads management
- Rural Mobility and Transport Services
- Smart, green and Integrated Transport
- Intermediate modes of transport (oxcarts, motor cycles, bicycles and donkeys)
- Road Safety
- Railroad transport
- Road transport
- Water transport
- Air transport
- Transport Infrastructure Project Management and Information Communication Technology (ICT)
- Mining and transport infrastructure
- Energy and transport infrastructure
- Tourism and Agriculture
- Land and Infrastructure Development, Socio-Political and Environmental Considerations

4 Appropriate procurement, contracting and contract management

- Innovative procurement, and contracting
- Output and Performance Based Contracts (Case studies and best practices)
- Incorporating Environmental, Social and Management Framework into Contract Documents

5 Transport Infrastructure – A Catalyst for Social -Economic Development

- The impact of Infrastructure project on other industries
- Enhancing small contractors/consultants utilization and development
- Training and development of communities through infrastructure projects
- Integrated access and mobility to enhance social-economic development
- Overloading on Road Infrastructures Projects – Problems/Solutions/Best Practices
- Procedures to address the Environmental, Social and Management Framework (ESMF) Issues
- Impact, Assessment and Mitigation Measures on ESMF-Case Studies.
- Best Practices on ESMF Issues

