

## ABOUT CONFERENCE ORGANISERS

The Institution of Engineers Tanzania (IET) in collaboration with Engineers Registration Board (ERB), The Association of Consulting Engineers Tanzania (ACET) and The Eastern Africa Federation of Engineering Organizations (EAFEO) are in this year organizing the 12<sup>th</sup> International Conference. IET was registered in Tanzania in 1975 and became operational in 1977. Its objectives are to promote the general advancement of the science and practice of Engineering and its applications and to facilitate exchange of information and ideas on those subjects amongst the members of the Institution and the entire Engineering community. IET which is currently also a member of EAFEO has a total of about 4,300 members.

The Vision of IET is to be a leading organization in the Tanzania and beyond that will spearhead the development and integration of engineering, science, technology, public policies and management of resources for the sustainable betterment of mankind and the environment.

## ABOUT THE CONFERENCE

The 12<sup>th</sup> International Conference will be held from 3<sup>rd</sup> to 5<sup>th</sup> December 2020 at Ngurdoto Mountain Lodge, in Arusha City. This year's theme of the conference is **"Integrating Adaptation to Climate Change through Sustainable Engineering-Challenges and Opportunities."** This theme has been chosen because Climate Change is currently the stand-out long-term risk the world is facing.

Climate Change is a consequence of human activities such as the burning of fossil fuels and deforestation over the past 150 years. These activities have led to the emissions of massive amounts of greenhouse gases, resulting to increased amount of heat trapped in the atmosphere leading to changes in climate faster than at any time since the transition from the last ice age 10,000 years ago. As a result, among others, more severe weather (droughts in some areas, storms in others); and major threats to agriculture, natural ecosystems and built environment have been observed. The affected most are those already vulnerable today: people in poorer countries, millions of whom could suffer hunger, water shortages, diseases, and coastal flooding as a result of climate change

Undoubtedly engineering is key in tackling climate change, and as such engineers can't bury own heads hoping climate change impacts will just blow away or that someone else will come along and avert this catastrophe. The conference is thus a call to action for engineers on climate change.

## CONFERENCE OBJECTIVE

The objective of the Conference is to provide a platform for engineers to discuss various issues related to climate adaptation engineering, including engineering scenarios to help and guide the communities on the way out of potential climate disasters. The conference is expected to attract about 700 local and foreign participants comprising of engineers, scientists, social scientists, economists and policy and decision makers from different parts of the world.

## SUB-THEMES OF THE CONFERENCE

The Conference will focus on 9 Sub-themes namely:

(i) Infrastructure, transportation and Industrialization Development, (ii) Sustainable Energy development and maintenance, (iii) Environmental sustainability and conservation (iv) Water and wastewater infrastructure development and management (v) Urbanization, Housing and Urban Planning, (vi) Engineering project management (vii) ICT and Climate change (viii) Innovation, Training and capacity building (ix) Cross cutting issues

## WHO WILL ATTEND

IET members, the engineering community, local and foreign associated institutions, engineering technicians, government institutions and the general public are invited.

## SPONSORSHIP

Employers are expected to sponsor their employees. All potential sponsors to the Conference are advised to contact the Institution of Engineers Tanzania (IET) Secretariat for more information if need be. ERB will award at least 16 PDUs for participant.

## PROGRAMME

### Presentations

There will be oral presentations in various sessions which will be planned to allow in-depth discussions. Individuals, groups and/or organizations will also be given opportunity to exhibit their products and technological innovations. However their intention should be communicated to the organizers well in advance.

### Language

The language of the Conference will be English.

### Publications

Conference proceedings and programme will be posted on IET and ERB websites after the conference and will also be available on arrival at the venue of the conference. Best papers will be selected and published in IET journal with little modification.

### Field Trips

Arusha is a tourist city located 80 km from the foot of Mount Kilimanjaro and is surrounded by attractive tourist destinations like the Serengeti National Park, Tarangire National Park, Ngorongoro Crater, Arusha National Park, Mount Meru Game Sanctuary, Arusha National History Museum, and Arusha Snake Park. The conference organizers will arrange for those interested to visit some of the tourist attractions at an estimated cost of Tshs. 150,000/- (for local participants) or USD 100 (for foreigners) all around. The organizers will also arrange for site visits to some on-going engineering projects in Arusha city.

## VENUE AND FLIGHTS TO ARUSHA

The venue for the Conference is Ngurdoto Mountain Lodge which is 30 km from The Kilimanjaro International Airport (KIA) and 30 km from Arusha along Arusha-Moshi highway. Julius Nyerere International Airport in Dar es Salaam serves also as a transit airport for airlines whose flight schedules don't take them to KIA.

Arusha is also served by tarmac roads from all corners of Tanzania. It can also be accessed by road either from Dar es Salaam (about 630 km) or from Nairobi (about 300 km).



Conference organizers will also arrange for free transport to and from Arusha city every day morning and evening during the conference.

## Accommodation

Arusha, as a tourist city, has different types of accommodations ranging from five stars to two star hotels. These include: The New Arusha Hotel, The New Safari Hotel, Impala Hotel, The East African Hotel, Naura Springs Hotel and Equator hotel. The hotel rates range from \$ 60 to \$ 200 single rooms/double rooms. Ngurdoto Mountain Lodge can also provide accommodation at a negotiated rate of USD 65.00 per night (B&B) for conference participants. Participants are also free to stay in nearby hotels in Usa River area located about 3 km from Ngurdoto Mountain Lodge.

## Registration and Conference Fees

Registration of participants will take place at the Conference venue on arrival or through the IET website, [www.iet.or.tz](http://www.iet.or.tz). Registration before the conference date however can be done through the Secretariat. Payments shall be done through Bank Accounts provided below. The registration fees shall be as follows:

Non-Tanzania Participants	USD 250
Tanzania Residents-IET members	TShs. 350,000
Tanzania Residents-Non Member	TShs. 400,000
Students	50% of Member registration fee

Conference fees will cover lunches and conference materials. Field trips, evening meals and accommodation are not included in the Conference Fees.

## Fees to be remitted through CRDB Bank as follows:

CRDB Bank Tower Branch A/C **0150042971100** (The Institution of Engineers Tanzania) Swift Code (CORUTZT), P. O. Box 2302, Dar es Salaam, Tanzania, Tel +255 22 2126762/2126764, Fax +255 22 2129604.

### Visa

Foreign delegates requiring visa entry to Tanzania can contact nearby Tanzania Embassies. For more information visit the Tanzania National Website ([www.tanzania.go.tz](http://www.tanzania.go.tz)).

### Medical services

Arusha is not a malaria free zone. Therefore it is recommended to seek advice on malaria chemoprophylaxis, especially for participants from temperate countries.

### Call for abstract and papers

Potential Conference paper writers and presenters are requested to submit their papers as stipulated in the following schedule;

Second announcement	15 <sup>th</sup> June 2020
Submission abstracts	31 <sup>st</sup> July, 2020
Acceptance of abstracts	15 <sup>th</sup> August 2020
Submission of papers	31 <sup>st</sup> August 2020
Acceptance of papers	15 <sup>th</sup> September 2020
Submission of final papers	30 <sup>th</sup> September 2020
Last announcement	30 <sup>th</sup> September 2020

Abstracts submission guidelines can be accessed through IET website: <https://www.iet.or.tz/>. The abstract should be submitted through email: [info@iet.or.tz](mailto:info@iet.or.tz), [conferences@iet.or.tz](mailto:conferences@iet.or.tz) and copied to Chief Editor, Joseph J. Msambichaka [jvmfatti@yahoo.com](mailto:jvmfatti@yahoo.com) and Mengiseny Kaseva [mengisenyk@gmail.com](mailto:mengisenyk@gmail.com)

Please note that submission of abstracts and later conference papers implies commitment to presenting the same.

### INTERNATIONAL PROGRAMME COMMITTEE

Eng. Menye Manga	IET President (Chair)
Eng. Prof. Mengiseny Kaseva	IET Tanzania (Secretary)
Eng. Ngwisa Mpembe	ACET President (Member)
Eng. Swaleh N.A. Kassera	EAFEO Secretary (Member)
Eng. Patrick Barozi	ERB Tanzania (Member)
Eng. Mkufu Shabani	IET Women Engineers (Member)
Mr. Ipyana Moses	IET Tanzania

### LOCAL CONFERENCE ORGANIZING COMMITTEE

Eng. Prof. Mengiseny Kaseva	Chairperson
Eng. Musa Kimaka	Member
Eng. Joshua Njulumu	Member
Eng. Swaleh Kassera	Member
Eng. Rehana Juma	Member
Mr. Ipyana Moses	Member
Mr. Bakari Milanzi	Member
Eng. Ester Christopher	Member
Eng. Reginald Matola	Secretary

### REGISTRATION FORM

#### INTEGRATING ADAPTATION TO CLIMATE CHANGE THROUGH SUSTAINABLE ENGINEERING-CHALLENGES AND OPPORTUNITIES

3<sup>rd</sup>– 5<sup>th</sup> December, 2020, Ngurdoto Mountain Lodge, Arusha, Tanzania

#### PERSONAL PARTICULARS

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Tel/Mob: \_\_\_\_\_

Skype: \_\_\_\_\_

Country: \_\_\_\_\_

E-mail: \_\_\_\_\_

#### CONFERENCE SECRETARIAT CONTACT ADDRESS

Executive Secretary  
The Institution of Engineers Tanzania, Office Accommodation  
Scheme (OAS) 6<sup>th</sup> Floor, CRDB HQ, Azikiwe Street  
P.O. Box 2938, Tel/Fax: 255-22-2124265,  
Mob(s): 0712-168023, 0745-552420, 0688-346868,  
DAR ES SALAAM, TANZANIA.  
Emails: [conferences@iet.or.tz](mailto:conferences@iet.or.tz), [info@iet.or.tz](mailto:info@iet.or.tz),  
Web page: <http://www.iet.or.tz>

## 12<sup>th</sup> INTERNATIONAL CONFERENCE

### THEME:

***"INTEGRATING ADAPTATION TO CLIMATE  
CHANGE THROUGH SUSTAINABLE ENGINEERING-  
CHALLENGES AND OPPORTUNITIES."***

### Organized by



**The Institution of Engineers Tanzania**

### in collaboration with



**Engineers  
Registration  
Board**



**Association of  
Consulting  
Engineers  
Tanzania**



**Eastern Africa  
Federation of  
Engineering  
Organizations**

**DATE: 3<sup>rd</sup>–5<sup>th</sup> December, 2020**  
**VENUE: Ngurdoto Mountain Lodge**  
**ARUSHA, TANZANIA**

**2<sup>ND</sup> ANNOUNCEMENT AND  
CALL FOR PAPERS**