



**THE REVOLUTIONARY GOVERNMENT OF ZANZIBAR**

**MINISTRY OF WATER, ENERGY, AND MINERALS**

# Zanzibar Water Conference

14 – 15 September 2022

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*Call for Abstracts/Call for registration of special sessions*

***Theme:***

***Seeing the Unseen: Sustainable Management of Groundwater Resources in a Changing Climate***

**CONFERENCE CONCEPT NOTE**

Also available on [https://www.gwptz.org/projects/zanzibar\\_water\\_conference/](https://www.gwptz.org/projects/zanzibar_water_conference/)

## IMPORTANT DATES AND INFORMATION

Start of submission of abstracts and proposals for special sessions	17th May 2022
End of submission of abstracts and proposals for special sessions	29 <sup>th</sup> July 2022
Notification of acceptance of paper abstracts and session proposals	19 <sup>th</sup> August 2022
Start of conference online registration	17 <sup>th</sup> May 2022
End of conference online registration	31 <sup>st</sup> August 2022
Zanzibar Water Conference	14-15 Sep 2022

## CONTACT INFORMATION

For more information about the scientific conference please contact the following:

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## REGISTRATION AND PARTICIPATION

Participants of the 2022 Zanzibar Annual Water Scientific Conference **MUST** register through the online link indicated below **before 31<sup>st</sup> August 2022**. Participation is free. However all participants are supposed to manage their own travel and accommodation arrangements.

<https://forms.gle/btuoN1p8kHqFbyCM9>

There will be **NO** on-site registration during the conference and hence all participants are advised to register early enough before the closing date to avoid any inconveniences. **ONLY** registered persons will be allowed to participate in the conference.

## WHY ATTEND THE ZANZIBAR WATER CONFERENCE

1. Excellent networking opportunity: participants will have a unique platform to network, share ideas and experience, showcase their products and or services as well as take advantage of potential collaborative opportunities. The conference is an excellent platform that brings together stakeholders in the water sector including researchers, policy makers, private sector, civil society organizations, regional and international organizations, development partners etc.
2. New scientific insights and Innovation: researchers, practitioners, and policy makers from all over the world will participate in the conference where new concepts, ideas and cutting-edge scientific discoveries will be presented and showcased.
3. An awesome tropical paradise awaits all conference participants as part of refreshing and “*charging the batteries*” again. The miles of clean and shining beaches of Zanzibar, the great history and charm of stone town, memorable experience of the splendid spicy farms and many more awaits the conference participants.

# 1 BACKGROUND

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Most islands, including Zanzibar depend to a great extent on groundwater resources for water supplies. The geophysical positioning and size of Zanzibar makes it difficult for large rivers to develop and hence the only source of fresh water has often been groundwater. Zanzibar has continued to be vulnerable to impacts of climate change especially through the rise in sea levels that has had significant effect on availability of fresh groundwater supplies.

Zanzibar Development Vision provides a long-term planning and trajectory for achieving a middle-income status by 2050. It lays out clear development blueprint under four pillars i.e (i) economic transformation (ii) human capital and social services (iii) infrastructural linkages and (iv) governance resilience. The realization of this vision is grounded on developing, expansion and or intensification of various sectors including agriculture, tourism, industry among others. The projected increase in development activities coupled with impacts of climate change makes it imperative for Zanzibar to develop new ideas, concepts and innovations that provides for opportunities for sustainably increasing water supply while at the same time managing the ever-increasing demand. This is on and above taking appropriate measures to manage the impacts of climate change.

One of the measures that the Government of Zanzibar has taken was the development of the Zanzibar Water Investment Programme (2022-2027) which was launched by the President of Zanzibar on 11<sup>th</sup> March 2022. The programme identified three focal pillars with a total of seven components highlighting areas that require intervention with the view to ensure water security for Zanzibar. The seven components provide a fertile ground for more research and scientific discovery in water resources management in Zanzibar e.g building climate resilience, gender equality and social inclusion, strengthening institutional arrangements and enabling environment, blue economy, capacity building etc.

In parallel to the Development of the Zanzibar Water Investment Programme (ZanWIP), there was another effort on undertaking a rapid assessment on potential of groundwater in Zanzibar of which highlighted some critical issues including impacts of climate change (rise in sea level), inadequate information of groundwater resource and aquifer characteristics, inadequate information on water demand and overall pumping regimes from aquifers, challenges on groundwater quality among others. A more dedicated study on the potential of submarine offshore groundwater in Zanzibar highlighted both opportunities and challenges, the latter being more associated with unavailability of sufficient data.

In this regard, as we progress towards vision 2050, and as we implement the ZanWIP, there is no doubt that continued research and scientific discovery in the water sector in Zanzibar will play a critical role in identifying new ideas, concepts and innovations that are required to ensure sustainable management of water resources. One of the ways of ensuring sustained flow of innovative and scientific ideas is having an annual scientific convening on water.

The Zanzibar Water Conference is a flagship event for the Ministry of Water, Energy and Minerals (MoWEM) and is convened in collaboration with Global Water Partnership Tanzania, SADC Groundwater Monitoring Institute, University of Dar es Salaam and IHE-Delft where the *Triple Helix* Concept (Figure 1) on knowledge sharing, learning and interaction between three main actors in the water sector is fully realised.



Figure 1: The Triple Helix learning concept – interaction of key actors in water sector

The three main actors are (i) Policy makers (ii) Researchers and (iii) Practitioners as illustrated in Figure 1. During the conference, practitioners, policy makers, researchers and academicians from across the world will gather to share ideas, network, collaborate, learn and inspire each other. Cognizant is made to the fact that the global theme for 2022 World Water Day, as declared by UN Water, is “Groundwater – making the invisible visible”. There is a convergence between the Zanzibar Conference and UN Water global themes and especially

considering the fact that Zanzibar relies on groundwater for water supplies.

## 2 VENUE AND REGISTRATION

The venue for the 2-day 2022 Zanzibar Water Conference will be at the **Golden Tulip Hotel** (<https://zanzibar-airport.goldentulip.com/en-us/>). It is expected that more than 300 participants will convene for the conference including exhibitions. Golden Tulip Hotel is close to other numerous accommodation facilities and hence participants will have a wide spectrum to choose from.



However, the organizers of the conference have secured a discounted accommodation package at the venue and hence registered conference participants will be able to pay cooperate rate instead of normal charges.

Nevertheless, the discounted accommodation package is only available for registered conference participants.

Participants for the Zanzibar Annual Water Conference **MUST** register through the online link indicated below **before 31<sup>st</sup> August 2022**.

<https://forms.gle/btuoN1p8kHgFbyCM9>

There will be **NO** on-site registration during the conference and hence all participants are advised to register early enough before the closing date to avoid any inconveniences. **ONLY** registered persons will be allowed to participate in the conference.

## 3 PARTICIPATION

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Policymakers, researchers, academics, technocrats and practitioners from water and related sectors (e.g tourism, agricultural sectors etc) and developing partners are invited to participate in the conference and make use of this opportunity to sharpen skills and discuss on findings from presentations focused on the different sub-themes. The Ministry of Water, Energy and Minerals will cover conference package for all registered participants. Unregistered participants will not be considered. In this case, all participants are advised to register through the online platform to avoid any inconvenience.

## 4 CONFERENCE SUB-THEMES

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The theme for the 2022 Zanzibar Water Conference is: *seeing the unseen – sustainable management of groundwater resources in a changing climate*. The sub-themes for the conference are as narrated herein and hence presenters are advised to align their papers/presentations in the context of the sub-themes below. We welcome presentations and contributions from researchers and practitioners from Tanzania and other countries that are aligned to the sub-themes of the conference. This maiden Zanzibar Water Conference is meant to set a platform for future convenings and hence the focus will be on sharing available information and establishing networks.

### 4.1 SUB-THEMES

- i) Groundwater assessment in a changing climate
- ii) Conjunctive use of surface and groundwater in enhancing water supply and sanitation
- iii) Water governance and institutional arrangements
- iv) Blue economy, tourism and sustainable water resource management
- v) Water-Energy-Food security (WEF) Nexus in a changing climate

## 5 SUBMISSION OF ABSTRACTS

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Presenters are advised to submit their abstracts under any of the sub-themes described above. Abstracts should have the following attributes:

- i) A maximum of 350 words
- ii) The text should be font size 12, Times New Roman and single-spaced
- iii) The title should be no more than 16 words in Title case
- iv) The authors names should indicate one corresponding author\* (with an asterisk) and the email and phone number of the corresponding
- v) The affiliations of authors should be shown through letter superscripts (such as <sup>a,b,c</sup>).
- vi) Authors should clearly indicate the sub-theme under which their abstract/paper should be considered
- vii) The abstract should include a clear statement of the issues addressed, the research methodology and a concise summary of the findings and conclusion.
- viii) Five keywords should be included in alphabetical order at the end of the abstract.

- **Selection process and criteria**

All abstracts should directly link to one conference sub-theme. Authors should make every effort to draft a well written abstract without grammatical or spelling errors and ensure that the abstract is easy to read and understand. We suggest that authors keep sentences simple, use the active voice and spell out any abbreviations or acronyms. Abstract review criteria include clarity, supporting evidence, scientific rigour, relevance, potential significance, innovation or usefulness in the water sector and allied fields.

## 6 CALL FOR HOSTING SESSION(S) OR EVENT(S)

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We invite submissions for proposals to organise session(s) or side event(s) at the 2022 Zanzibar Water Conference. The proposal for sessions or events should have details of proposed presenters and topics, including who will moderate/chair along with the desired format of the session. We welcome sessions that are purely research-based, policy-based or practitioner-oriented, as well as sessions that focus on amalgamating policy, research and practice in their agenda. We invite calls for Open and Closed sessions. **Hosting a session(s) or event(s) will attract a fee and applicants of sessions are advised to get in touch with the Conference Scientific Committee for information on payment and further instructions on managing their sessions.**

- **Types of Sessions**

In an Open Session, the session organisers define the topic and format of the session, invite one or more speakers to moderate/chair the session, but advertise for and accept contributions from the wider community through their own networks. All contributions for an open session will need to be submitted via the conference abstract submission process. The Conference Scientific Committee may also suggest additional contributors to the session.

In a Closed Session, the session organisers define the topic and format of the session, and invite all speakers/contributors in the session. In closed sessions, the organisers will manage submission of papers/abstracts but will be required to submit the details of all the speakers/contributors and topics or titles of presentations to the Conference Scientific Committee.

## 7 SELECTION PROCESS AND CRITERIA FOR SESSIONS

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The main criteria for selection of sessions will be quality, relevance, diversity and inclusivity. We particularly welcome sessions that:

- i) Facilitate dialogue between research and government, civil society, international agencies and business/private sector
- ii) Contribute to a diverse and balanced programme that focuses on solutions and innovations in the water sector
- iii) Link climate action to sustainable water resources development, investment and planning.
- iv) Contribute to a conference programme with a wide range of topics, stakeholders, scales and regions
- v) Showcase examples (case studies, best practices, tools) or research that are internationally applicable in the water sector
- vi) Involve a partner organisation from a different country or organisation community
- vii) Fit a 90-minute time slot or otherwise as will be determined by the structure of the conference programme. It is also possible to arrange for two or three linked sessions around a particular topic

## 8 SUBMISSION AND REVIEW PROCESS FOR ABSTRACTS

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All abstracts and session proposals should be submitted through [Zanzibarwaterconf@gmail.com](mailto:Zanzibarwaterconf@gmail.com) before **29<sup>th</sup> July 2022**. The abstracts as well as session proposals for hosting sessions will be reviewed by experts and the corresponding author will be notified of outcome of the review process before **19<sup>th</sup> August 2022**. All abstracts and session proposals will be reviewed by at least 3 members of the scientific committee who will make the final decision on whether an abstract will be accepted for oral or poster presentation. Authors are kindly advised to clearly indicate in their abstracts whether they want their papers to be considered for Oral or Poster Presentation. Guidelines for preparing powerpoint presentations and posters will be available in advance to all participants.

## 9 CONDITIONS OF ACCEPTANCE

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By submitting an abstract, authors agree to publication of the abstract in conference materials such as Book of Abstracts. Authors also agree to publication of photos, video recordings or live streaming of the presentations.

## 10 PUBLICATION OF PAPERS IN PEER REVIEW JOURNAL

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All unpublished papers that will be presented in the conference will have an opportunity of being published in the Tanzania Journal of Engineering and Technology (TJET) after the normal peer review process. TJET is

an indexed journal under Africa Journals Online (AJOL) <https://www.ajol.info/index.php/tjet/about> as well as the EBSCO database.

## 11 EXHIBITION

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There will be opportunities for exhibition at a fee. Partners or institutions who would like to exhibit their products or services are kindly requested to contact the organizers of the conference through [Zanzibarwaterconf@gmail.com](mailto:Zanzibarwaterconf@gmail.com) for further details.

## 12 FINANCIAL SUPPORT

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To encourage young researchers from **TANZANIA** to participate in the conference, the Ministry of Water, Energy and Minerals in Zanzibar will provide modest support, depending on availability of resources, to a few young researchers (under 35years). Young researchers from Tanzania are expected to apply for this competitive support through the Conference email address [Zanzibarwaterconf@gmail.com](mailto:Zanzibarwaterconf@gmail.com).

## 13 ZANZIBAR WATER CONFERENCE YOUNG RESEARCHER AWARD

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An honorary Zanzibar Water Conference Young Researcher Award will be given to the best youth presenter (under the 35years) who will demonstrate exceptional oral presentation skills, insight of subject matter, articulation in response to questions etc. There will be a winner in each sub-theme thus making a total of four sub-winners from which the overall Zanzibar Water Conference Young Researcher Award Winner will be nominated based on a scoring criterion that will be developed by the Scientific Committee. An adjudication team will be available in all sessions to assess all youth presenters. There will also be an award for the Best Poster Youth Award as well of which will be determined through an adjudication process.

## 14 TRAVEL AND ACCOMMODATION

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All participants will be required to manage their travel and accommodation in Zanzibar. Registered participants are advised to take advantage of the corporate accommodation rates at the Golden Tulip Hotel. However, there are numerous accommodation facilities close to the venue of the conference with affordable rates. A list of other accommodation facilities close to the venue will be availed by 29<sup>th</sup> July 2022.



## 15 TOURS AND EXCURSIONS

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The Conference provides an opportunity for participants to discover Zanzibar. There will be excursions to some of the breath-taking touristic sites in Zanzibar in the afternoon of 15<sup>th</sup> August 2022.

## 16 GALA DINNER

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A special gala dinner will be organised on the last day of the conference - outside the conference venue in a very special setting depicting the cultural sceneries of Zanzibar. The dinner will feature local cuisine and will be a memorable event not to miss.