

CEMEREM CONFERENCE ANNOUNCEMENT

THE 4th INTERNATIONAL BIENNIAL CEMEREM CONFERENCE 2023

Conference Dates: October 05 – 06, 2023

Conference Venue: Voi, Kenya

About CEMEREM

The Kenyan-German Centre of Excellence for Mining, Environmental Engineering and Resource Management (CEMEREM) was launched in 2016, becoming the eighth centre of its kind in Africa, being the first one with an engineering orientation. CEMEREM is part of the growing network of Centres of African Excellence supported by the German Academic Exchange Service (DAAD). Taita Taveta University (TTU), Kenya's university of mining and natural resource management, is the local host institution for CEMEREM. TTU sits conspicuously within the wildlife-rich Tsavo National Park and ecoregion. TTU collaborates with two German universities on the CEMEREM project: The University of Applied Sciences at Dresden (HTW-Dresden) and the Technical University Bergakademie Freiberg (TU-BAF). The main goal of CEMEREM is to enhance the advanced training and supply of practice-oriented resources engineers and managers for the greater Eastern Africa, a region rich in natural resources and a huge unexploited potential in the mineral, oil and gas sector. Postgraduate training and research together with industry and international exposure has been a key feature of CEMEREM, all aimed at achieving the desired end goals. A series of international biennial conferences, which hosts about 300 physical participants, co-organised by the partners and hosted by Taita Taveta University, delivers on the broad objectives of CEMEREM. The inaugural conference took place in Nairobi in September 2017, while the 2019 and 2021 conferences were held in Voi, Kenya.

About the Taita Taveta University – Voi, Kenya

Located just eight kilometres from Voi town and off the Voi-Mwatate Road, Taita Taveta University (TTU) offers a serene environment that is ideal for academic pursuits. Access to the university is via a spotless tarmac road leading up to its main gate. The university is conveniently located near Voi town, which has efficient multimodal transport that connects it to major cities like Nairobi and Mombasa. Voi boasts a modern train station that is just minutes away from the town centre. This means that the town is reachable by train within four hours from Nairobi and less than two hours from Mombasa. Additionally, the Nairobi-Mombasa highway (A104) - an international trunk road class - provides easy access to Voi by road, with the journey from Nairobi taking less than six hours. For those

who prefer air travel, Voi Airstrip is located just five kilometres from the town centre. The most cosmopolitan, populous, and urbanised town in Taita Taveta, Voi is situated in a mineral-rich county that borders Tanzania to the south. Whether you are a local or international student, TTU offers an ideal learning environment that is easily accessible and well-connected.

ABOUT THE CEMEREM CONFERENCE 2023

In 2023, Taita Taveta University (TTU) is thrilled to extend another invitation to researchers, academia, policymakers, and postgraduate students to attend the 4th International Biennial CEMEREM Conference. The event will take place from **5th to 6th October 2023** in Voi, Kenya. During the conference, expert speakers will present their well-researched and evidence-based papers, posters, and innovative projects and initiatives that inform policy, planning, and practice in mining and natural resource management. This hybrid conference will be open to both face-to-face and virtual participants, allowing for maximum participation. TTU looks forward to bringing together a diverse community of scholars, practitioners, and policymakers to share their knowledge, insights, and experiences at this exciting event. Join us for this important conference and be part of the conversation around innovative solutions to critical issues in the mining and natural resource management sectors.

CALL FOR PAPERS AND POSTERS FOR THE INTERNATIONAL BIENNIAL CEMEREM CONFERENCE 2023

Theme: **The Future of Mining and Natural Resource Management in Africa: Training, Research and Policy Direction for Sustainable Development**

Common discourse has explored the paradox of Africa's vast mineral wealth against the manifest and widespread poverty across the continent. Africa is rich in natural resources including the critical minerals of strategic importance to modern civilisation and the Fourth Industrial Revolution (Industry 4.0). Natural resource governance remains key and relevant to advancing the discourse on sustainable mining and natural resource management. The key governance issues include human rights in the mining sector, legislation and policy development, policy enforcement and compliance monitoring, sustainable mining practices including artisanal mining activities, post-mining environmental responsibility, de-risking mechanisms, workforce transition due to technological innovation, and various technical, political, fiscal and financial factors making up the broader socio-economic atlas of the mining sector.

By embracing a systemic view of the Sustainable Development Goals (SDGs) and their thematic implications, authors are requested to send abstracts by **April 15, 2023** addressing the conference theme under any of the following **sub-themes**:

Keynotes, by invitation, will reflect on the future of mining and natural resource governance in Africa: Key issues and prospects. The Blue Economy, Circular Economy, and Green Economy will be focal points.

Sub-themes:

1. Mining Education and Training in Africa: Opportunities, Gaps and Challenges
2. Emerging mining and natural resource management technologies and innovations for sustainable development
3. Transforming natural resource management in Africa through policies, regulatory instruments, and economic tools
4. Diversity, Equity and Inclusion in mining and natural resource management
5. Climate change and natural resource conflicts: New perspectives and solutions

Abstract Submission

The submission deadline for your Abstract is April 15, 2023, 23:59 East African Time (EAT). Specify the sub-theme of your presentation. Short-listed abstracts will be acknowledged by April 30, 2021. The authors will be given a chance to present them as papers or posters at the conference. All the accepted submissions will be published in the Conference Book of Abstracts. After the conference, promising presentations will be invited to be full papers, which after peer review will be published in THE AFRICAN JOURNAL OF MINING, ENTREPRENEURSHIP AND NATURAL RESOURCE MANAGEMENT (AJMENRM). This is the signature journal of CEMEREM.

Send abstracts to abstracts@ttu.ac.ke

Abstract Guidelines with Examples

Adopt the following guidelines for the abstract.

Title of the article (Calibri/Arial/Helvetica, 14, Bold) - centred

Author(s) of the article (Cambria/Times New Roman/Times, 11, Normal) - centred

Address/affiliation of the author(s) (Cambria/Times New Roman/Times, 10, Italic) - centred

Mining 4.0: Post-Covid-19 Prospects

Xxx Yyy¹, Mmm Nnn², Jjj Aaa³

¹Taita Taveta University (TTU), P.O. Box 635-80300, Voi, Kenya, xxx.yyy@gmail.com

²HTW-Dresden, Albertstr. 10 · 01097 Dresden, mmm@yahoo.com

³TU Bergakademie Freiberg, Akademiestr. 6. 09599 Freiberg, jjj@outlook.com

Abstract (Cambria/Times New Roman/Times, 11, Bold) – Left-aligned

Body Text: MS Word, Cambria, Font 11, single spacing, **not more than 5 keywords** (don't repeat the keywords which are in the title already), 250 – 350 words. Written in English and it should not exceed 350 words. Note that the abstract is informative and should not be a substitute for the summary, conclusions, or results sections.

We recommend that you structure your abstract as follows:

- **Paragraph 1: Why is this study or research important?**
- **Paragraph 2: What is novel in your approach; what was done?**
- **Paragraph 3: What were your main findings?**
- **Paragraph 4: What are the main applications and implications of your work?**

Keywords: Covid-19, digital transformation, strategic minerals (Alphabetical, separated by commas, Font 10, Cambria)