



CALL FOR ABSTRACTS & FULL PAPERS

10th Science, Technology and Innovation Conference & Exhibitions (10th STICE) In Commemoration of 40 Years of COSTECH (COSTECH@40)

Conference Theme: *“From Legacy to Future: COSTECH@40 and STI Roadmap to Vision 2050”*

Dates: 3rd – 4th September 2026

Venue: Dar es Salaam, United Republic of Tanzania

Organizer: Tanzania Commission for Science and Technology (COSTECH)

1. Background

The Tanzania Commission for Science and Technology (COSTECH) invites scientists, researchers, innovators, policymakers, industry practitioners, Masters and PhD students, and development partners to submit abstracts and full research papers for presentation and publication during the 10th Science, Technology and Innovation Conference and Exhibitions (10th STICE), held in conjunction with the 40th Anniversary of COSTECH.

The 10th STICE serves as a national and international platform for sharing research findings, innovative solutions, and policy-relevant evidence to support the realization of Tanzania Development Vision 2050 (DIRA 2050). Accepted abstracts, will be invited to submit full manuscripts, which upon successful peer review will be supported for publication in peer-reviewed scientific journals. Authors of accepted papers will be invited to present their work during the two-day conference.

2. Thematic Areas for Abstract and Paper Submission

Authors are invited to submit abstracts and full papers under the following thematic areas:

Theme 1: Science, Technology and Innovation for Industrialization and Economic Transformation

Focus: Translating research into productivity, competitiveness, and value addition.

Indicative sub-themes: Research commercialization, technology transfer, and innovation ecosystems; Manufacturing, agro-processing, and mineral value addition; Industry–academia–government linkages; SMEs, startups, and innovation driven enterprises; and Intellectual property, standards, and market access

DIRA 2050 linkage: Industrialized, competitive, and high-productivity economy

Theme 2: Digital Transformation, Emerging Technologies and the Knowledge Economy

Focus: Harnessing digital and frontier technologies to accelerate development.

Indicative sub-themes: Artificial Intelligence, Data Science, cloud computing, data analytics, blockchain, Internet of Things (IoT) and Digital Public Infrastructure; telecommunication technologies and infrastructure (i.e. 5G, spectrum resources, numbering, routing, etc); ICTs for education, health, agriculture, governance, and industry; Cybersecurity, digital trust, and data governance; Innovation in e-government, smart cities, and digital services;

DIRA 2050 linkage: Knowledge-based economy and digital society

Theme 3: Sustainable Agriculture, Food Systems and Bio-Economy Innovation

Focus: Science-driven transformation of agriculture and natural resources.

Indicative sub-themes: Climate-smart agriculture and food security innovations; Agricultural biotechnology, breeding, and seed systems; Fisheries, livestock, and aquaculture technologies; Bio-processing, bio-energy, and circular bio-economy; and Extension systems, youth agri-preneurship, and rural innovation

DIRA 2050 linkage: Food security, rural transformation, and inclusive growth

Theme 4: Health, Life Sciences and Well-Being through Innovation

Focus: Strengthening health systems and biomedical innovation.

Indicative sub-themes: Medical research, diagnostics, and pharmaceutical innovation; Traditional medicine research and regulation; Digital health, telemedicine, and health data systems; Public health innovations and disease surveillance; and Biotechnology, genomics, and precision medicine

DIRA 2050 linkage: Healthy, productive, and resilient population

Theme 5: Climate Change, Environment, Energy and Sustainable Development

Focus: Science-based solutions for resilience and green growth.

Indicative sub-themes: Climate adaptation, mitigation, and resilience technologies; Renewable energy, energy efficiency, and clean technologies; Environmental monitoring, conservation, and biodiversity; Water resources, sanitation, and waste management; and green innovation, climate finance, and sustainability metrics

DIRA 2050 linkage: Environmental sustainability and climate resilience

Theme 6: Inclusive STI Systems, Human Capital and Future Skills

Focus: People-centred STI for inclusive national transformation.

Indicative sub-themes: Gender, youth, and inclusion in STI (Women in Science, Youth Innovation); STEM education, skills development, and future workforce; STI policy, governance, and financing models; Ethics, responsible research and innovation; Science communication, public engagement, and societal trust

DIRA 2050 linkage: Inclusive, equitable, and resilient society

3. Important Dates

- Abstract submission opening: 16th February 2026
- Abstract submission deadline: 30th March 2026
- Notification of abstract acceptance: 30th April 2026
- Full paper submission deadline: 15th June 2026
- Notification of paper acceptance: 30th July 2026
- Submission of final camera-ready copy: Thursday, 20th August 2026

- Conference dates: 3rd – 4th September 2026

4. STICE Abstract Template

- i. Title of Paper (Bold, 12 pt)
- ii. Author(s): Name, Affiliation, Email
- iii. Thematic Area:
- iv. Abstract (Maximum 300 words)
 - a. Provide background, b. objectives, c. methodology, d. key findings, and e. relevance to Tanzania Development Vision 2050, and f. recommendation/ policy recommendations
- v. Keywords: 3–5 keywords

5. Review Criteria (Aligned with COSTECH Strategic Plan & DIRA 2050)

Abstracts and full papers will be peer-reviewed using the following criteria:

- i. Alignment with DIRA 2050 (20%) {Clear relevance to national development priorities, Contribution to economic transformation, inclusivity, sustainability, or resilience}
- ii. Scientific Quality and Rigor (20%) {Sound methodology and analytical depth; Originality and clarity of research design}
- iii. Innovation and Practical Relevance (20%) {Novelty of ideas, technologies, or approaches; Potential for real-world application or scale-up}
- iv. Policy, Industry, or Societal Impact (15%) {Evidence-based recommendations: Relevance to policymakers, industry, or communities}
- v. Commercialization and Sustainability Potential (15%) {Pathways for technology transfer, commercialization, or adoption; Long-term viability and scalability}
- vi. Clarity and Organization (10%) {Logical structure and quality of presentation: Clear conclusions and actionable insights}

5. For More Information, Please Contact Us

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Detailed information on conference participation, programs, exhibition arrangements, sponsorship and partnership opportunities, and other related matters, please visit the official STICE website at **stice.costech.or.tz**, set to launch on **1st March 2026**.