

12th International Conference on Appropriate Technology (12th ICAT)

12TH ICAT

CONFERENCE CALL

THEME: Harnessing Appropriate Technologies for Sustainable Development: Empowering Communities, Bridging Gaps and Driving Inclusive Growth



**24-27
NOV 2026**

**ELEPHANT HILLS RESORT
VICTORIA FALLS, ZIMBABWE**

ABOUT THE CONFERENCE:

Appropriate Technology (AT) is vital for achieving sustainable development and inclusive growth by offering **people-centered, environmentally sound, and economically viable solutions**. AT empowers communities, fosters **self-reliance**, **boosts productivity**, and promotes **grassroots innovation** and **environmental stewardship**. The upcoming **12th ICAT in 2026**, hosted by NUST, will serve as a crucial platform to discuss and shape a sustainable future for Africa through AT. We look forward to receiving abstracts for papers, posters, workshops and appropriate technology demonstrations.



Presentations



Hackathon



Exhibitions

Thematic Priorities

Submission Categories	Suggested Topics (but not limited to)
Cities and Space	Land Use and Resource Development, Appropriate Architecture, Construction and Infrastructure, Smart cities and Sustainable Technologies, Geospatial Information Science.
Computational Systems	Artificial Intelligence and Machine Learning in Africa, AI-based Knowledge Management, Blockchain and FinTech Innovations, Cybersecurity and Data Privacy, Quantum Science and Technology.
Green Economy, Education, Knowledge and Technology Transfer	Climate Change Education, Technology R&D, Education Technologies for Emerging Economies, Circular Economy, Green Computing and Innovation, University-Industry Partnerships.
Energy and Materials	Solar Power Systems, Effective use of Wind, Geothermal Energy, Hydropower Systems shared across borders, Clean Energy Supply Chains, Mineral Wealth and Renewable Resources.
Environment, Agriculture and Ecovillages	Rural Industrialization, Climate Change impact on Agriculture, Precision Agriculture, Ecovillages for Sustainable Development, Waste Management.
Health	Digital Health and Bioinformatics, Rural Healthcare Systems, Addressing Pandemics, Empowering communities to address Malaria and HIV, AI and Diagnostics, Healthcare Logistics Technologies.
Manufacturing, Mining and Service Industries	Appropriate Technologies for Industrialisation, Manufacturing and Entrepreneurship, Appropriate Technology for Artisanal Mining, Appropriate Technology in Transport Service Industries.
Policy, Standards and Ethics	Peace, Security and Safety, Sustainability, Social Inequality and Human Wellbeing, Governance, Emerging Technology Ethics, Responsible AI, Technical Frameworks for Integration and Cooperation.
Water and Sanitation	Rural Sanitation Systems, Community Control of Water, Cost effective Water Purification, Combating Plastics in Water Systems, Climate Change impact on Water Availability.

IMPORTANT DATES

Initial Call for Participation : 12 SEPT 2025
Abstract Submission Deadline : 20 OCT 2025
Notification of Acceptance : 24 NOV 2025
Full Submission Deadline : 26 JAN 2026
Submissions Reviews and Feedback : 06 APR 2026
Final Submission : 11 MAY 2026
Conference : 24-27 NOV 2026

Abstracts Submissions:

<https://conference-submissions.appropriatetech.net/>

Enquiries:

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