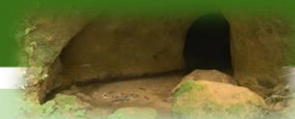




# MBIL-BEKON



Journal of Engineering Sciences, Tertiary Sciences and Techniques, and Science of Education  
Higher Technical Teacher Training College  
The University of Ebolowa - Cameroon



## CALL FOR PAPERS

Submission Deadline: August 15, 2025

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### Rationale

In an era characterized by relentless global transformation, Engineering Sciences, Tertiary Sciences and Techniques, and Education Sciences are at the nexus of numerous challenges. Africa, in particular, stands at a pivotal crossroads, where a confluence of multifaceted crises demands a fundamental and systemic re-evaluation of prevailing societal development paradigms across educational, technological, technical and economic spheres. Therefore, there is an undeniable imperative for ingenious and endogenous solutions that can effectively address the increasingly insistent socio-economic and political demands within African nations. These solutions are now more urgent than ever, especially in pedagogical, health, energy, environmental, commercial and agricultural domains, among others.

It is against this backdrop that the Higher Technical Teachers Training College of the University of Ebolowa-Cameroon proudly launches the inaugural issue of **Mbil-Bekôn**, its distinguished Journal of Engineering Sciences, Tertiary Sciences and Techniques, and Science of Education. This foundational and authoritative reference framework for the dissemination of advanced scientific output from both national and international researchers and professionals across three distinct series focuses on an inter- and transdisciplinary approach that integrates the key dimensions of each field, and welcomes scholarly articles addressing the problematic areas and specific thematic axes outlined in detail below.

### Engineering sciences series

The engineering sciences series seeks to consolidate original scientific contributions that explore a broad spectrum of twenty-two critical thematic axes. These encompass artificial intelligence, electronic systems, connected objects, modeling and control of electrical machines, energy optimization and storage,

as well as optoelectronics, biophysics, and electromechanics. A paramount emphasis is placed on concrete and tangible applications of these engineering principles within the unique and challenging African context, notably in medical and industrial diagnostics, optimization of photovoltaic generators, geomatics and geo-information, sustainable natural resource management, geotechnical engineering, urban planning, hydraulics, transportation, wood processing, textile engineering, food technologies, and animal and plant production. By welcoming research in numerical mechanics, materials science, nutrition and health, and agriculture and agropastoralism. This series intends to foster collaborative dynamics between researchers from the Global South and North while promoting scientific innovations adapted to African contexts and open to international perspectives.

### Tertiary sciences and techniques series

The tertiary sciences and techniques series aims to disseminate scientific contributions that emerge from a truly holistic approach. This series explicitly invites authors to interweave theoretical perspectives with empirical insights, such as in-depth case studies and comparative analyses, shedding light on viable development pathways deeply anchored in the realities of the African continent. The explicit ambition is to transcend conventional, standardized solutions and champion culturally ingrained and ecologically responsible innovative models, structured around three fundamental and interconnected pillars:

- **Economic levers of transition:** Contributions in this area should delve into topics such as green finance, environmental taxation, and energy regulation mechanisms. These are indispensable instruments for harmonizing economic growth with long-term ecological sustainability.
- **Managerial innovation:** Research should explore areas like territorial governance, Corporate Social Responsibility (CSR), and the critical adaptation of local value chains to meet pressing ecological imperatives.
- **Tourism as a laboratory for sustainability:** Recognizing tourism as a sector of "confluence" par excellence, research should explore synergies between the valorization of cultural and natural heritage, social inclusion, and local development.

### Science of education series

The education sciences series, as a cross-disciplinary cornerstone, is keenly interested in scholarly articles that highlight results from theoretical or empirical research within the fields of education, guidance counseling, and professional training.

## Research axes

Prospective authors are invited to align their article proposals with the detailed research axes below, delineated for each series.

### Engineering sciences series

- ❖ Artificial intelligence and applications
- ❖ Electronic systems applied to medical and industrial diagnostics
- ❖ Diagnostics and optimization of photovoltaic generators in african contexts
- ❖ Networks and collective behaviors
- ❖ Modeling, control, and diagnostics of electrical machines/appliances
- ❖ Optimization, management, storage, and diagnostics of electrical energy
- ❖ Optoelectronics
- ❖ Biophysics
- ❖ Fashion electromechanics and e-textiles
- ❖ Ecological leather
- ❖ Geographic information systems, sustainable natural resource management, and applications
- ❖ Geo-information and use of geospatial technologies for risk management and sustainable urban planning
- ❖ Structures and geotechnics
- ❖ Hydraulics, transport, and environment
- ❖ Technological innovation and wood processing
- ❖ Computational mechanics, materials sciences, and systems
- ❖ Mechanics of fibrous materials
- ❖ Food technologies, sanitary safety, and nutritional quality
- ❖ Nutritional management of chronic diseases and individuals
- ❖ Crop production
- ❖ Animal production

### Tertiary sciences and techniques series

- ❖ Economics and management of energy transition
- ❖ Circular economy and resource management
- ❖ Economic stakes of corporate social responsibility (csr)
- ❖ Public policies and environmental regulation
- ❖ Climate risk management, economic vulnerability, and systemic resilience
- ❖ Sustainable finance and green accounting
- ❖ Tourism actors and professional situations
- ❖ Arts, literature, and valorization of tourism
- ❖ Law, policies, and strategies for tourism development
- ❖ Ecology and ecocriticism
- ❖ Multiplier effects of tourism in national economies

- ❖ Imaginaries and social representations of tourism
- ❖ Media and tourism promotion
- ❖ Trips organization and event management
- ❖ Territorial tourism development techniques

## Science of education series

- ❖ School and university pedagogy
- ❖ Education governance and special education
- ❖ Guidance counseling engineering
- ❖ Education, family, drugs, and violence in school environments

## Submission guidelines

### Paper proposals (Abstract)

**The abstract** – in French or English language should not exceed **one A4 page**. The text must be in Word format (Times New Roman, size 12, single spacing) and include the following information: article title, author(s) full name(s), email address, and institutional affiliation. Abstracts must be submitted to the following e-mail address:

E-mail : [enset@unv-ebolowa.cm](mailto:enset@unv-ebolowa.cm)

### Full text

The full article text – in French or English language should range between 8 and 15 A4 pages maximum. It must be submitted in Word format (Times New Roman, size 12, single spacing) and structured into titled parts and sections, which may be numbered. It must adhere to the following presentation standards:

- **Citations:** Italicized and enclosed in quotation marks.
- **Footnotes:** Size 10, presented according to the following model: J.-M. Ela, *Social Innovations and the Renaissance of Black Africa*, Paris, L'Harmattan, Coll. "The Challenges of the Underworld," 1998. p. x.
- **Bibliography:** Entries should follow the model: Ela (J.-M.), *Social Innovations and the Renaissance of Black Africa*, Paris, L'Harmattan, Coll. "The Challenges of the Underworld," 1998.
- The soft version of the article should not include page numbers.

**Caution:** The scientific, editorial, and review committees will review and process only article proposals that adhere to the normative prescriptions outlined above. All submissions will undergo a double-blind peer review.

**Note:** Accepted articles will be listed alphabetically by author name. Only articles deemed of high quality, consistent with innovative and up-to-date research problems, and strictly compliant with editorial standards will be selected. A final digital version of the article, specifically formatted to the journal's editorial presentation standards, will be provided by each author after successfully completing all required formalities at every stage of the publication process.

## 4. Publication calendar

- **June 25, 2025:** Launch of the Call for Papers
- **August 15, 2025:** Deadline for Abstract Submission
- **August 30, 2025:** Notification of Abstract Acceptance
- **September 30, 2025:** Deadline for Full Article Submission
- **November 15, 2025:** Deadline for Authors to Return Revised/Corrected Texts Based on Expert Feedback
- **December 15, 2025:** Publication of the First Issue of the Mbil-Bekôn Journal