

6th IEEE Multi-conference on Natural and Engineering Sciences for Sahel's Sustainable Development (MNE3SD)

26th – 28th November 2026, Koudougou, Burkina Faso

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Sub-Saharan countries are facing scarcity of water and vegetation resources. Temperatures are very high and drought is gaining ground every year destroying the efforts of these countries to achieve food self-sufficiency. In addition to these natural constraints, few years ago, the insecurity due to terrorism limited the production and investment actions. In this context, reflection efforts are conducted to find innovative technologies or to adapt emerging technologies to this challenging context.

MNE3SD aims to be a framework where researchers and experts will meet to discuss development issues in this region. We want big data, IoT and AI technologies combined with green energy and applied physics to be investigated to find original solutions able to mitigate the scarcity of the resources in this region of the world.

The MNE3SD conference is an international meeting for the exchange of experiences and knowledges among researchers and developers concerned with technologies for Sahel's sustainable development. For this fifth edition, the International MNE3SD conference will provide opportunities for researchers to interact, share new results and discuss emerging directions in Big data and IoT for sustainable development and also energy and applied physic for sustainable development.

MNE3SD 2026 will take place in Koudougou, Burkina Faso, November 26th - 28th, 2026.

MNE3SD 2026 is soliciting high quality technical papers addressing research challenges in the areas of big data, and IoT on societal and environmental application, Energy and Applied physic.

Papers should present original work validated via analysis, simulation or experimentation. Practical experiences and Testbed trials also are welcome.

MNE3SD 2026 will host two parallel tracks, including but not limited to the following topics:

Track 1: Big data and IoT for Sustainable and Societal Development

- Big data managements techniques
- Privacy issues related to IoT and big data
- Network protocols for IoT
- Innovations in the edge/fog/cloud architectures
- Green communications in IoT
- Smart cities technologies, infrastructures and services
- Green networking
- Data mining
- Machine learning, deep learning, reinforcement learning
- IA

Track 2: Applied Physics & Chemistry for Sustainable Development

- Alternative Sustainable Energy
- Energies and Technologies for Smart cities
- Energy Harvesting and Storage technologies
- Biomass and Biofuel
- Applied Physics
- Applied Chemistry
- Environmental Engineering
- Climate Change

IMPORTANT DATES

Submission Deadline: **July 31, 2026**

Notification of Acceptance: **October 15, 2026**

Camera ready Date: **November 15, 2026**

Registration date: **October 15, 2026**

Conference start: **November 26, 2026**

Conference end: **November 28, 2026**

INSTRUCTIONS FOR PAPER SUBMISSION

Authors are required to submit fully formatted, original papers (PDF), with graphs, images, and other special areas arranged as intended for the final publication.

Papers should be written in English using the IEEE standard conference format (*two-column, 10 pt font, etc., including figures, tables, and references*) template provided in the website of the conference.

The submitted papers are limited to eight pages maximum.

The review submission must be author blank (double-blind).

Conference content will be submitted for inclusion into IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Each accepted paper must be presented at the conference by one of the co-authors or a third party, otherwise it will not be included in the proceedings of the conference.

Only timely submissions through **EDAS** will be accepted.

For more details, please visit the MNE3SD'2026 official website: www.ieee-bf.org

ACCEPTED PAPERS

All accepted papers will be published in the conference proceedings and presented for inclusion in IEEE Xplore Digital Library.

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