



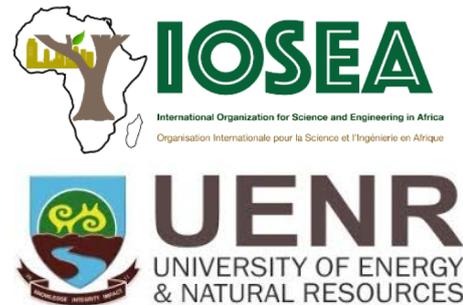
ICEASSM'2019

Call for Papers

International Conference on Engineering, Applied Sciences and System Modeling



Ghana's national mausoleum in Accra



Sunyani, Ghana, December 11-13, 2019

iceassm2019.iosea.org

SCOPE

Today's world faces many scientific, economic, societal, climatic and environmental challenges that require sustainable technological and engineering solutions. In developed countries, advancements in sciences and technology provide fundamental means of tackling these challenges. However, in less developed countries, e.g. in Africa, these challenges are often unsurmountable due to the lack of basic premises of sciences, research and development. Deployment of scientific methods and engineering approaches to understand the phenomena and their dynamics in the above areas would help to define the most relevant and adequate solutions for African countries, where these challenges are often critical due to the lack of basic premises of scientific research, engineering development, and education. With the African continent having the youngest population, the world organizations on human welfare report that these challenges are exacerbated by a rapid growth of the population and a surge of the youth expectations in urban communities. This leads to tremendous demands on services at all levels with subsequent impacts on the requirements of infrastructure including energy production, civil engineering, communication, transportation, manufacturing, etc. Therefore, new and emerging strategies from all aspects of human activities, including scientists, engineers and other key decision-makers are required to address these complex challenges cutting across several domains to meet present and future demands of the population in Africa.

The 2nd International Conference on Engineering, Applied Sciences and System Modelling (ICEASSM'2019) will be held in December 11-13 2019, in Sunyani, at centre of Ghana. This conference is organized in partnership with the IOSEA association and the University of Energy and Natural Resources. It aims to gather researchers, engineers, and practitioners interested in advanced applied and engineering sciences in modelling, to share their recent findings, experiences and expertise in solving these global challenges.

ICEASSM'2019 offers opportunities for senior and young experts to come and share with scholars and students, innovative vision and approaches in tackling global changes from various angles, and to explore potential synergies in proving solutions through cooperative research, and business partnerships.



Drone aerial view of the UENR campus in Sunyani



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International Conference on Engineering, Applied Sciences and System Modeling

CONFERENCE THEMES

The conference covers broad interdisciplinary themes for regular papers, posters, and tutorials. Topics include, but not limited to the following

- Fundamental sciences and modeling**
 - Mathematics, physics, chemistry
 - Data science, computer science, signal processing
 - Materials, energy, information, control theory
- Applied sciences and technologies**
 - Electronics, electrics, magnetics, mechatronics
 - Mechanics, manufacturing, production systems
- Sustainable engineering**
 - Reliability, security, risk management
 - Health monitoring, diagnosis, prognosis
 - Logistics, transport systems
 - Biomedical systems
 - Information systems, communication
 - Development infrastructure, safety
- Education and training**
 - Applied sciences and engineering

IMPORTANT DATES

- Paper submission deadline: ~~Aug. 15~~ **October 25, 2019**
<https://easychair.org/conferences/?conf=iceassm2019>
- Acceptance notification: ~~Oct. 15~~ **November 2, 2019**
- Deadline for camera-ready: **November 15, 2019**
- Deadline for early registration: **November 15, 2019**
- Conference dates: **December 11-13, 2019**

Authors are requested to obtain permission to use any material they do not own (data, image, schematic, etc.) for copyright reasons. Any paper that lacks the copyright rules will not be published in the proceedings of the conference. A permission request form could be downloaded on the conference website.

SUBMISSION

The conference warmly welcomes all original contributions to science and innovation. Experts are invited to deliver tutorials or lectures on new inventive research methodologies, analytical methods, sustainable engineering, modeling and simulation.

Instruction to authors

- Authors are invited to submit a **one-page abstract** of their original works that **must not** have been submitted to or published in any other workshop, conference, journal and book or in any other form.
- The Program Committee will review all **abstracts** for significance, originality, accuracy, clarity and compliance with scientific ethics.
- The **full papers** must be of **5 to 6 pages**, single column format on A4 paper size, with Times New Roman font, 10 points following the provided template.
- Full papers** of accepted abstracts will be included in the conference proceedings. Extended version of selected accepted papers with more detailed results (12 pages, simple column format, A4 size) will be considered for publication in selected major journals.
- It is necessary that all authors provide a valid e-mail address and configure the related inbox to accept e-mails from iceassm.org.

Papers review process

Authors are required to submit their abstract or full papers for review before Oct. 25, 2019, by the ICEASSM Editorial Board and Program Committee. Papers will also be submitted to a CrossCheck plagiarism detection tool. **Authors will be notified by Nov. 2, 2019**, of the status of their paper

For all accepted papers, authors must complete an ICEASSM Copyright Form, and at least one author of the paper must register and attend conference.

By submitting an abstract for a paper, the author is accepting the condition that a candidate paper may be rejected at any time if the Program Committee determines that the author is failing to comply with ICEASSM deadlines or policies, or if the Program Committee determines that the content of the paper is not of sufficient quality to be published in the proceedings.

Tutorials review process

The review procedure for tutorials is identical to the review procedure for papers except that they are reviewed only by Tutorial Committee and are not subjected to blind review.

By submitting an abstract for a tutorial, the authors accept the condition that if their tutorial is accepted for the conference, at least one of them will attend the conference and deliver their tutorial.

Best contributions awards

The conference will grant a special award to the best student paper, the best poster, and the best tutorial.

