

The Caribbean Academy of Sciences 24th Biennial Conference 2025
School for Graduate Studies and Research
UWI Cave Hill Campus, Barbados
27th-29th November 2025

Theme: “Bridging Science, Technology and Society: Advancing the SDGs through Research, Innovation, and Action”

Call for Abstracts/Papers/Posters

Bridging science, technology, and society through research, innovation, and action is crucial for advancing the Sustainable Development Goals (SDGs) in the Caribbean region. This involves integrating scientific knowledge, technological solutions, and societal needs to address global challenges like climate change, poverty, and inequality.

The Caribbean Academy of Sciences is pleased to invite submissions for abstracts for the upcoming 24th Biennial Conference and General Meeting 2025. With the theme “Bridging Science, Technology and Society: Advancing the SDGs through Research, Innovation, and Action,” this conference is designed to foster and support knowledge creation, sharing, and collaboration focused on the fusion of scientific insights, technological innovations, and societal demands to tackle pressing issues within the region and beyond.

Scheduled for November 27th - 29th, 2025, the CAS24-2025 Conference will be conducted in person, enhancing opportunities for connections among scientists, academics, researchers, experts, and practitioners. In addition to parallel paper presentations and poster sessions, the event will include panel discussions and several opportunities for networking.

While the conference will explore the associated issues in the Caribbean, examples of related topics/areas, with the associated Sustainable Development Goal (SDGs), are provided but not limited to the list below:

- Innovative Research for Sustainable and Resilient Futures (SDGs 2, 3, 6, 7, 13)
- Science, Policy and Social Impact (SDGs 1, 2, 3, 4, 10, 16)
- Youth, Education and Scientific Empowerment (SDG 4)
- Regional Solutions to Global Challenges (SDGs 3, 11, 12, 13, 17)
- Industry-Academia-Government Partnerships for Innovation (SDGs 8, 9, 17)

Organiser:

The Caribbean Academy of Sciences (CAS)

Host Chapter:

The CAS Barbados Chapter

Supporting Organisations:

Faculty of Science and Technology, UWI Cave Hill Campus

Centre for Biosecurity Studies, UWI Cave Hill Campus

Biocultural Education and Research Programme (BERP)

The Caribbean Institute for Meteorology and Hydrology (CIMH)

Organising Committee:

Dr. Andrea Sealy, CAS-Barbados/CIMH

Dr. Leah Garner-O'Neale, CAS-Barbados/UWI Cave Hill

Dr. Sonia Peter, CAS-Barbados/BERP

Prof. David Yawson, CAS-Barbados/UWI Cave Hill

Prof. Mark Wuddivira, CAS Regional, UWI St. Augustine

Dr. Roshnie Doon, CAS Regional, UWI St. Augustine

Important Dates/Deadlines:

Deadline for Submission of Abstracts: August 31, 2025

Notification/Acceptance of Abstracts: September 1-September 30, 2025

Early Bird Registration deadline: October 1, 2025

Final registration deadline: November 15, 2025

Dates of the Conference: November 27-29, 2025

Original abstracts, papers and posters relevant to the Conference theme are invited. Abstracts, extended abstracts, full papers and posters in English should be sent via e-mail to casbarbados@gmail.com. Abstract guidelines are at the end of this document.

Each submission will be reviewed for technical merit and content. Papers accepted for presentation will appear in the Conference Proceedings provided that at least one author registers for the conference.

Maximum length for each accepted paper in the Proceedings is 8 single-spaced pages. Strong papers would be recommended for a fast-track publication subject to peer review in Tropical Agriculture (ISSN 0041-3216), The West Indian Journal of Engineering (ISSN 0511-5728), The Industrial Engineering and Management Journal (ISSN:3006-810X) and the Caribbean Journal of Mixed Methods Research (ISSN: 0799-5962).

Registration Fees:

- CAS Members, participants and presenters: USD200 per person
- Other Non-members, delegates, participants and presenters: USD250 per person
- PG and UG Students (full time with proof): USD150 per person

Early Bird Fee structure (10% Discount) with payments made by October 1, 2025:

- CAS Members, participants and presenters: USD180 per person
- Other Non-members, delegates, participants and presenters: USD225 per person
- PG & UG Students (full time with proof): USD135 per person

For updates, visit the CAS website: www.casregional.org and the conference website which is under construction (stay tuned for updates).

For Conference Enquiries and Registration:

CAS Barbados Chapter, casbarbados@gmail.com

Guidelines for Preparing an Abstract for the CAS-2025 Conference

I. Choosing a Category

Pick the category which most closely describes your intended paper. We understand that some papers can fit into more than one category.

Category	General Description
Research Paper	This category covers papers which report on any type of research undertaken by the author(s). The research may involve the construction or testing of a model or framework, action research, testing of data, market research or surveys, empirical, scientific or clinical research.
Viewpoint	Any paper, where content is dependent on the author's opinion and interpretation, should be included in this category; this also includes journalistic pieces.
Technical Paper	Describes and evaluates technical products, processes or services.
Conceptual Paper	These papers will not be based on research but will develop and test hypotheses. The papers are likely to be discursive and will cover philosophical discussions and comparative studies of others' work and thinking.
Case Study	Describes actual interventions or experiences within organizations. They may well be subjective and will not generally report on research. A description of a legal case or a hypothetical case study used as a teaching exercise would also fit into this category.
General Review	This category covers those papers which provide an overview or historical examination of some concept, technique or phenomena. The papers are likely to be more descriptive or instructional ("how to" papers) than discursive.

II. Selecting Keywords

Supply **up to six keywords** for tagging the paper. Pick keywords that reflect the specificity of the intended paper. Avoid overarching terms like "Science" unless the paper discusses the topic with such a wide focus. Use the most common term for a concept. Do not make up new terms for an old concept. Try to think broadly: if the paper discusses the STEM applications in the energy sector, it may be worthwhile supplying the sector as a keyword. If an activity/research takes place in a particular country, include the country's name as a keyword.

III. Writing the Abstract

To produce an abstract, please complete the following fields about your intended paper. There are four fields which are obligatory (Purpose, Design, Findings and Value); the other two (Research limitations/ implications and Practical implications) may be omitted if they are not applicable to your paper.

Abstracts should contain **no more than 300 words**. Write concisely and clearly. The abstract should reflect only what would appear in the final paper.

Purpose of this Paper	What are the reason(s) for writing the paper or the aims of the research?
Design/Methodology/ Approach	How are the objectives achieved? Include the main method(s) used for the research. What is the approach to the topic and what is the theoretical or subject scope of the paper?
Findings	What was found in the course of the work? This will refer to analysis, discussion, or results.
Value/Originality of Paper	What is new in the paper? State the value of the paper and to whom.
Research Limitations / Implications (<i>if applicable</i>)	If research is reported in the paper, this section must be completed and should include suggestions for future research and any identified limitations in the research process.
Practical Implications (<i>if applicable</i>)	What outcomes and implications for practice, applications and consequences are identified? Not all papers will have practical implications but most will. What changes to practice should be made as a result of this research/paper?