



The Caribbean Academy of Sciences, Jamaica (CASJ)  
in collaboration with The Pesticide Research Laboratory (PRL)  
and The Jamaica Organic Agriculture Movement (JOAM)

*"Organic Agriculture - The Food System for the Future ?"*

**Fourth in a Series of Agricultural Forums**

Chemistry Lecture Theatre - C5, The University of the West Indies, Mona  
11<sup>th</sup> December 2014

2:00 P.M. — 2:05 P.M. **Welcome** Professor Tara P. Dasgupta, CD  
President, CASJ & Head, PRL

2:05 P.M. — 2:15 P.M. **Introduction to CASJ** Prof. Robert Lancashire  
Secretary, CASJ

2:15 P.M. — 2:25 P.M. **Introduction to Forum** Dr. Dwight Robinson  
Public Relations Officer, CASJ



## **Presentations**

2:25 P.M. — 2:40 P.M.

### **Introduction to Organic Production Systems**

Dr. Joseph Lindsay, Agronomist and Secretary of JOAM

2:40 P.M. — 2:55 P.M.

### **Advantages of Organic Agriculture**

Stacy-Marie Bennett, Member of the Certification Committee, JOAM

2:55 P.M. — 3:10 P.M.

### **Economic Potential of Organic Agriculture in Jamaica**

Dorienne Rowan-Campbell, Chairperson of JOAM

3:10 P.M. — 3:25 P.M.

### **Research Requirements and Constraints to the Growth of the Organic Sector in Jamaica**

Kerri-Ann Bennett, Deputy Chairperson of JOAM

3:25 P.M. — 4:15 P.M.

### **Discussion**

4:15 P.M. — 4:25 P.M.

### **Remarks and Way Forward**

Dr. Dwight Robinson, CASJ

4:25 P.M. — 4:30 P.M.

### **Closing Remarks and Vote of Thanks**

Stacy Rose, Programme Consultant

Food and Agriculture Organization – Jamaica

## **Refreshments**

# The Caribbean Academy of Science-

<http://www.caswi.org>



The Caribbean Academy of Sciences (CAS) was inaugurated in Trinidad and Tobago in May 1988 as a regional non-profit organization. It acts as an important authoritative voice on science and technology in the region.

The Academy has divisions that cover the natural, agricultural, medical, engineering and social sciences with a current membership of over 200 including scientists from the English-speaking Caribbean, Guadeloupe, Cuba, Guyana and Suriname.

CAS is supported by Chapters and holds Biannual General Meetings. The last meeting was held in **Tobago on 21-23 Nov 2014.**

# New CAS executive - 21st November 2014

At the 19th Biennial General Meeting the following members were elected to the Executive for the period 2014 - 2016:-

President - Dr. Trevor Alleyne - [trevor.alleyne@gmail.com](mailto:trevor.alleyne@gmail.com)  
Secretary - Professor Winston Mellowes - [wamello@yahoo.com](mailto:wamello@yahoo.com)  
Treasurer - Dr. Mark Wuddivira - [Mark.Wuddivira@sta.uwi.edu](mailto:Mark.Wuddivira@sta.uwi.edu)  
Foreign Secretary - Eng. Hollis Charles - [wfieldtt@gmail.com](mailto:wfieldtt@gmail.com)  
Public Relations Officer - Dr. Patricia Sealy - [patricia.sealy2@sta.uwi.edu](mailto:patricia.sealy2@sta.uwi.edu)

Council comprises the above, together with:-

Dr. Jorge Moreno            President, Antigua Chapter - [jmoreno@aicasa.net](mailto:jmoreno@aicasa.net)  
Prof. Jean Louis Mansot - President, Guadeloupe Chapter - [jlmansot@univ-ag.fr](mailto:jlmansot@univ-ag.fr)  
Dr. Andrea Sealy            President, Barbados Chapter - [asealy@cimh.edu.bb](mailto:asealy@cimh.edu.bb)  
Mr. Gary Mendonca        President, Guyana Chapter - [garym\\_ug@yahoo.com](mailto:garym_ug@yahoo.com)  
Professor Tara Dasgupta - President, Jamaica Chapter - [tara.dasgupta@uwimona.edu](mailto:tara.dasgupta@uwimona.edu)  
Professor Winston Mellowes - President, T&T Chapter- [wamello@yahoo.com](mailto:wamello@yahoo.com)

At this meeting it was announced that the 20th Biennial General Meeting and Conference will be held in Guadeloupe.

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# The objectives of CAS are:

- To provide a forum for interchange of ideas among scientists on important issues related to the application of Science and Technology
- To serve as a source of advice to regional governments and regional governmental and non-governmental organizations in scientific and technological matters.
- To facilitate cooperation among scientists and promote the execution and coordination of scientific research in all its aspects
- To liaise with relevant research organisations and assist in facilitating their mutual interaction

# The objectives of CAS continued:

- To recognise and reward outstanding performance and achievement within the region in the fields of Science and Technology
- To undertake, and collaborate in, the collation and publication of results of scientific research
- To raise the level of scientific consciousness in the region, and increase the public understanding and appreciation of the importance and potential of Science and Technology in human progress
- To establish and maintain high standards of ethics in all scientific endeavours

# CAS and CASJ -ACTIVITIES

The Jamaica Chapter formed in 2002 and CASJ became legally Registered in 2010 as a charitable organisation (# 81184).

CASJ has contributed towards a number of Flagship research projects, including:

- (1) Promotion of Open Access Policies.
- (2) Sustainable Energy in Latin America and the Caribbean;
- (3) Mathematics Education;
- (4) Understanding and Managing Risk associated with Natural Hazards;
- (5) Biodiversity Knowledge and Research Needs for Latin America and the Caribbean.



# Open Access

In November 2012 the Caribbean Academy of Science, Jamaica established an Open Access Repository (OAR) and promoted an Open Access Policy (OAP). The policy goals are as follows:

- To provide open access to scholarly output resulting from academic activities undertaken at all tertiary level institutions.
- To provide long-term preservation of all research output
- To increase the visibility and impact of research output
- To enhance collaboration with the global research community

# CAS e-journal, hosted at UWI, MONA



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*Kiron Cornelius Neale*

Domestic Solar Energy: A viable Alternative in Trinidad and Tobago? Case Study: HDC Housing. Part 2- The Economic Analysis

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*Kiron Cornelius Neale*

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*Robert John Lancashire*

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*Robert John Lancashire*

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The Open Knowledge Environment of the Caribbean (OKCARIB) is an Open Access repository established to archive scientific research information; either generated within, or useful to, the Caribbean. The Network was formed in partnership with a number of Caribbean institutions conducting scientific research and generating information.

This project comes as a direct outcome of the [Caribbean Academy of Sciences, Jamaica](#) hosting several workshops in collaboration with [Inter Academy Panel, IAP](#), the [US National Science Foundation](#) and the [Academy of Sciences for the Developing World, TWAS](#) as part of their project on "**Open Access to Scientific Literature and other Digital Scientific Information Resources in Central America and the Caribbean**".

The project was carried out with the support of the [UNESCO Kingston Office for the Caribbean](#) and is a contribution to the [UNESCO](#) commitment to improve and promote Open Access to research information and add value to its [Global Open Access Portal, GOAP](#)

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# CASJ 2013 presentations

- CAS, Jamaica hosted a Presentation by Dr. Raymond McEachin "Mathematics Education in the Caribbean: Somebody Ought to do Something", Thursday, March 7, 2013 @ 2:30 p.m., M3 Lecture Theatre, (UWI Campus)
- CAS, Jamaica presented a Panel Discussion, "Climate Change Education in Jamaica: Integrated or Insignificant". The panelists were: Dr Barbara Carby, Director of the Disaster Risk Reduction Centre (DRRC) and Prof Ian Boxhill, Carlton Alexander Professor of Management and Director of the Centre for Tourism and Policy Research. The Moderator was Tracy-Ann Hyman from the Climate Studies Group at UWI, Mona. Held Thursday, May 29, 2013 @ 2:30 p.m., C5 lecture theatre (UWI Campus)
- CAS, Jamaica hosted a presentation by Prof Anthony Clayton on "Future Earth - the new science and technology alliance for global sustainability", Wednesday June 26, 2013 @ 3:30 p.m. in C5 Lecture Theatre, (UWI Campus)

# CASJ 2014 presentations

Agri-Forum Presentations were held in:

- **May - The Bee Industry – Threats and Challenges**
- **July - Yam – Challenges in Production and Export**
- **September - Coffee – Challenges in Production and Export**
- **December - Organic Agriculture – The Food System for the Future ?**

# Local and Regional Challenges

Potential Barriers – small critical mass of researchers, cash strapped and heavily indebted Governments and Institutions

## Your involvement needed.

Membership of the Academy:

Any citizen or resident of the Caribbean region who has produced and published scientific work of a high standard is eligible to be an Ordinary Member. Nomination to membership shall be via a Nomination Form sent to the Secretary (or Secretary of a local Chapter). Each nomination form shall be signed by two persons who are either Ordinary members or Fellows of CAS in good financial standing and must be accompanied by a curriculum vitae for the nominee.

Nominations from Members are needed for the Executive of the CAS Jamaica Chapter:

Attendance at Meetings:

Meetings are open to the public