



The Caribbean Academy of Sciences

22ND ANNIVERSARY CELEBRATIONS

Climate Change

“Implications for Caribbean Health,
Agriculture, Ecology, Industries and
Building Codes”

Third Announcement

November 12th to 15th, 2010
Antigua & Barbuda

www.caswi.org

The Caribbean Academy of Sciences

17TH GENERAL MEETING AND CONFERENCE

St. John's, Antigua
November 12 – 14, 2010

“Climate Change – Implications for
Caribbean Health, Agriculture, Ecology,
Industries and Building Codes”

Third and Final Announcement

**FINAL DEADLINE FOR ABSTRACTS
OCTOBER 25TH, 2010**

Prize for best Oral Presentation

SUBMIT YOUR ABSTRACTS NOW

IMPORTANT DATES:

- *The Academy's General Meeting*
November 12th, 2010
from 1.30 – 4.00 p.m.
- *The Grand Opening Ceremony*
November 12th, 2010
from 6.30 p.m.
- *Science Teachers' Workshop*
November 11th & 12th 2010
from 8.30 – 4.30 p.m.
- *Public Forum on Cancer and Cosmetic Surgery*
November 11th, 2010
from 6.00 p.m. – 8.30 p.m.

Introduction

The 17th General Meeting of The Caribbean Academy Sciences (CAS) is the first CAS Conference to be held in the beautiful island of Antigua and Barbuda. The now Biennial Conference will commence on the evening of November 12, 2010, with an impressive Opening Ceremony at which The Antigua and Barbuda Chapter of CAS will be inaugurated.



Antigua

The theme of this year's conference is "**Climate Change – Implications for Caribbean Health, Agriculture, Ecology, Industries and Building Codes**".

One of the main objectives of the Conference is to bring together regional and international natural scientists, social scientists and engineers to deliberate and focus their thoughts on these subject areas. Using the best available models, these experts are required to predict the many ways that Climate Change and its associated effects could impact on life in the Caribbean and to agree on some specific steps that might be taken to minimize possible adverse effects.



Royal Antiguan Beach and Tennis Resort

A second major objective of the conference is to provide an opportunity, **via parallel scientific sessions**, for experts from the region's Universities, Research Centres and Industry to come together to present their research, industrial and developmental findings for critical analysis. The scientific programme will consist of plenary lectures by invited experts and short papers of 20 minutes total duration by participants. Short papers may be in any area of natural or social science, including: Agriculture, Medicine, Veterinary Medicine, Anatomy, Physiology, Chemistry, Biochemistry, Biology, Biotechnology, Energy, Food Science, Physics, Engineering, Education, Economics and Health Economics.

Apart from the conference, CAS will co-sponsor two other activities. First, in collaboration with the Antiguan government, it will host a two-day workshop for science teachers on November 11th and 12th. Secondly, in the evening of November 11th CAS, in collaboration with the St. John's Hospital, will host a public forum on cosmetic strategies that can be applied following surgery for cancer.

The official venue and accomodation for the conference is the *Royal Antiguan Beach and Tennis Resort*.

Preparation of Abstracts

For each oral and poster presentation to be made during the conference, abstracts must be submitted by September 30, 2010.

Abstracts should be submitted on diskette or sent by electronic mail.

Abstracts must be typed to fit on a single sheet of letter size paper (8.5" x 11") using Times New Roman in Microsoft Word 2000 as a minimum. The title should be typed in 12-point font and everything else in 11-point font.

Typing should be fully justified, with one-inch margins at the top and at each side; a minimum of one inch must be left at the bottom of the page. The entire abstract, including title, name of the author(s), affiliation(s), text and acknowledgements should be typed within these limits.

The Abstract title should be centred and typed in **bold**, 'title style' in times New Roman (12-point font). On the next line the Author(s) name(s), (lower case, 11-point font, IN **BOLD**) should be written as initial(s) followed by family name(s). Author(s) name(s) must be centred and separated by semicolons, underlining the name of the person who will present the paper. On the next line (i.e. no extra line spaces) the institution(s) of the author(s) must be typed in *italics* (NOT IN BOLD) and centred. When authors originate from different institutions the authors and the institutions should be numbered using superscripts to the top right of the names and the top left of the institutions.

The body of the Abstract (without any sub-headings) should start two line spaces below the institutional identification. The text should be typed using one and a half line spacing with an extra space separating paragraphs. Paragraphs should NOT be indented.

It is suggested that Abstracts include: A definition of the problem, a working hypothesis, main methods or techniques employed, results, discussions and conclusions.

A sample abstract follows.

Sample Abstract

Biological Nutrient Removal Systems for Greywater

W. Mellowes¹; T. Dasgupta²; and H. Charles³

¹University of the West Indies, St. Augustine; ²Oxfordland University, UK; ³University of North Carolina, USA
wamello@yahoo.com

A sequencing batch reactor (SBR) and a combined activated sludge/rotating biological contactor (AS/RBC) system are being evaluated for nutrient removal. The study focuses specifically on the treatment of greywater as it is the major component of domestic wastewater. In the Caribbean region, separation and disposal of this waste stream without any prior treatment is not unusual. This is particularly true of the Trinidadian situation. The characteristic fast breakdown of greywater implies that the carbon contained is in a form that can be readily utilized by microbes – short chain carbon compounds. The availability of this type of immediate energy source underpins the nutrient removal process.

In the Caribbean region, separation and disposal of this waste stream without any prior treatment is not unusual. This is particularly true of the Trinidadian situation. The availability of this type of immediate energy source underpins the nutrient removal process.

Publication Policy

All Abstracts accepted for the Conference will be published in the CAS e-Journal. For authors who are interested, their full papers may also be published in the CAS e-Journal. Note however that CAS reserves the right to reject any paper it deems unsuitable for publication in its journal. The deadline for the submission of full papers is November 30, 2010.

Instructions

Persons wishing to have their full papers published should upload manuscripts directly to CAS e-journal; to do so please follow the instructions for preparation and uploading at:

<http://www.caswi.org.jm/ejournal>

Those with UWI Mona accounts can use their ID and password to log in via

<http://ojs.mona.uwi.edu/index.php/cas/login>

For further information contact: Prof Robert Lancashire: rjlanc@caswi.org; Dr. Neela Badrie: neela.badrie@yahoo.com; Dr. Mark Wuddivira: wuravnakka@yahoo.com

Preparation of Posters

Posters should be a maximum of 44" x 44". A maximum of two posters per person will be allowed.

The following information should appear on each poster:

- | | |
|--|--|
| <ul style="list-style-type: none"> a. Title c. Name(s) of Author(s) e. Abstract g. Methods i. Discussion k. References | <ul style="list-style-type: none"> b. Poster number (As assigned) d. Name of each Author's Institution f. Introduction h. Results (including Tables and Figures) j. Conclusions |
|--|--|

Conference Time Table (November 2010)

Day 1	November 12	11.00 am – 2.00 pm	Registration
Day 1	November 12	1.30 pm – 4.00 pm	CAS General Meeting
Day 1	November 12	6.30 pm – 9.30 pm	Opening Ceremony Inauguration of Antigua CAS Cocktail Reception <small>(Free to all Conference and Pre-conference Participants)</small>
Day 2	November 13	8.30 am – 5.05 pm	Main Conference: Oral and Poster Presentations
Day 2	November 13	7.30 pm	A Taste of Antigua and Barbuda: A cultural exposé featuring the islands' music and cuisine. <small>(Free to all Conference and Pre-conference Participants)</small>
Day 3	November 14	8.30 am – 5.15 pm	Main Conference: Oral and Poster Presentations
Day 4	November 15**		Shopping, Sight Seeing Tours <small>(subject to demand)</small>

**** Subject to demand, shopping, sight seeing tours and day trips can be arranged for those attending the conference.**

Day 1 - November 13, 2010

TIME			
7:45 – 8:30 am	REGISTRATION - <i>The Secretariat</i>		
8:35 – 10:00 am	CHAIRMAN-Prof . T. Dasgupta- Address by Antigua Climate Change Representative (20 min) Feature Speaker (40 min) (QUESTIONS 15 Min)		
10:00 - 10:20 am	B R E A K		
10:25 – 12:05 pm	Plenary Session (25 min x 4)		
12:05– 1: 10 pm	L U N C H		
1:10– 1: 25 pm	PHOTO SESSION		
1: 30 – 3:30 pm	Session 1A (20min X 6)	Session 1B (20min X 6)	Begins at 2.30pm ----- Group Meetings of Climate CHG Experts
3:30 – 3:45 pm	B R E A K		
3:45 – 5:05 pm	Session 2A (20min X 5)	Session 2B (20min X 5)	Group Meetings of Climate CHG Experts

Day 2 - November 14, 2010

TIME			
8:30 – 10:10 am	Plenary Speakers (25 min x 4)		
10:10 - 10:25 am	B R E A K		
10:25 – 12:00 pm	Session 3A (20min X 4)	Session 3B (20min X4)	Group Meetings of Climate CHG/ Womens' Forum
12:00– 1: 00 pm	L U N C H		
1:00 – 1:30 pm	POSTERS	POSTERS	POSTERS
1: 30 – 3:30 pm	Session 4A (20min X 6)	Session 4B (20min X 6)	
3:30 – 3:45 pm	B R E A K		
3:45 – 5:15 pm	Report of Climate Change Experts (60 min) Report of Women's Group (20 min) Award of prize for best Presentation (10 min)		

Registration

Registration for the Conference can be done by MAIL or FAX. Note that registration will only be considered to have been completed on receipt of the appropriate fee.

Registration Fees

(Payable in US Dollars)	Before July 31, 2010 US\$	After July 31, 2010 US\$
Members	\$180.00	\$210.00
Non-Members	\$240.00	\$275.00
Students	\$75.00	\$100.00

NEW SPECIAL OFFER

Travelling companion of fully registered participant – US\$ 175.00

For Antigua residents only : One-day drop in – US\$ 100.00

Accommodation

The designated hotel for the conference is The Royal Antiguan Beach and Tennis Resort. Special rates apply to registered participants. **Please indicate that you will be attending the conference when booking.**

Contacts for The Royal Antiguan Beach and Tennis Resort:-

Tel: 1-268-462-3733

Fax: 1-268-462-3732

Website: www.grandroyalantiguan.com

Room Category	Single Rates (US\$)	Double Rates (US\$)
Mountain View	\$98.50	\$116.00
Lagoon View	\$114.00	\$132.00

Entitlements of Fee-Paying Participants

In addition to conference literature, payment of conference fees entitles participants to lunch and snacks served during the refreshment breaks. The Opening Ceremony and 'Antigua and Barbuda Cultural Nite' are free to all Registered Participants.

Method of Payment

Payment can be made by US Dollar Money Order or Bank Drafts payable to The Caribbean Academy of Sciences, Account Number 000-213-064-829 at Republic Bank Limited, UWI Campus Branch, St. Augustine, Trinidad & Tobago. Persons holding Trinidadian Accounts may pay the US-Dollar equivalent by cheque.

All participants should travel to the Conference with their proof of payment.

RETURN COMPLETED REGISTRATION FORM AND FEES TO:

The Conference Secretariat

c/o Dr. Trevor Alleyne

Unit of Biochemistry

Faculty of Medical Sciences

The University of the West Indies

Mt. Hope

Trinidad and Tobago

West Indies

Tel: 1-868-662-1873/662-9294

or 1-868-645-2640-9 Ext: 4643/4636

Fax: 1-868-662-1873

E-mail: trevor.alleyne@gmail.com

For Conference updates, visit the CAS website: <http://www.caswi.org>

Persons interested in attending the Conference are requested to complete the registration form and return it to the CAS Secretariat.