

International Roundtable on SUSTAINABLE UTILISATION OF ENERGY AND BIODIVERSITY RESOURCES FOR WEALTH CREATION AND DEVELOPMENT



**Kampala, Uganda
10-13 March, 2009**

Organized by:



**Centre for Science & Technology of the Non-Aligned and
Other Developing Countries (NAM S&T Centre)**



Uganda National Academy of Sciences (UNAS)

Introduction

The increasing population pressure and demand for a better life style have necessitated a need for greater use of energy. This has resulted in mounting pressure on the use of available resources which is now mostly met by fossil fuels. The rate of energy consumption is much higher than it was ever before and the demand is on increase. There is a negative balance between source depletion and replenishment by natural processes. This has also resulted in uncontrollable rise in pollution due to air, water, soil and noise besides electro-pollution, causing the very survival of life difficult on Planet Earth. An increase in the level of carbon dioxide, possibly causing a temperature rise leading to global warming and subsequent melting of glaciers culminating into climate change is a phenomenon of utmost concern. This has serious economic and social implications. Climate change linked to emissions is then about limiting growth, and also sharing growth among nations which has its economic overtones.

The emerging scenario has led to a tremendous pressure on survival of species type (both plants and animals). The number of such species is registering a significant decline, thereby posing a serious threat to the sustainability of ecosystem itself. A demand for green energy is understood but the quantum and nature of its exploitation remains to be settled. Solar, the ultimate source of energy is now widely discussed, though increase in its efficiency usage is still a matter of continued investigation.

This phenomenon has caused stress on every component of living system and a solution to this is nowhere on the horizon. It is therefore imperative to look at the issue from a holistic point of view, which is of paramount importance for the developing countries due to their inaccessibility to the emerging technologies.

In order to deliberate on the above issues, the Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) jointly with the Uganda National Academy of Sciences (UNAS) is organizing an International Roundtable on 'Sustainable Utilisation of Energy and Biodiversity Resources for Wealth Creation and Development' from 10–13 March 2009 at Kampala, Uganda. The current meet is a point in the direction whereby an efficient use of existing resources along with their sustainability is interwoven along with critical aspects relating to biodiversity. It is hoped that this roundtable will pave way for such an integrated approach.

Objectives of the Roundtable

This international roundtable aims at bringing together different stakeholders in the developing countries in the fields of energy efficiency, renewable energy, bio-energy and maintenance of ecology and biodiversity to deliberate on various aspects for better utilization of energy and biodiversity resources. The case study presentations and research papers will generally lead to an understanding of the concept of efficient energy production and utilization and how the bio-energy resources can replace the existing conventional sources of energy in a sustainable and cleaner way for the protection of ecology and biodiversity. The knowledge sharing during the event will facilitate developing countries in their economic development and in acquiring wealth by means of saving their energy and its resources.

Programme of the Roundtable

The International Roundtable will be held during 10 to 13 March 2009 as per following schedule.

Monday, 09 March	Arrival of delegates
Tuesday 10 March	Inauguration and Technical Sessions I, II & III
Wednesday 11 March	Technical Sessions IV, V, VI & VII
Thursday 12 March	Technical Sessions VIII & IX and Concluding Session.
Friday 13 March	Visits to institutions and sightseeing
Saturday 14 March	Departure of delegates

The session wise programme will be sent to the participants in due course.

About NAM S&T Centre

The Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre; www.namstct.org) is an inter-governmental organization with a membership of 44 countries spread over Asia, Africa, Middle East and Latin America. The Centre was set up in 1989 in New Delhi, India in pursuance of the recommendations of various NAM Summit meetings for the promotion of South-South and North-South cooperation in science and technology. The Centre undertakes a variety of programmes, including organization of workshops, symposiums, meetings and training courses and implementation of collaborative projects and offers short-term research fellowships to the scientists from the developing countries in association with various Centres of Excellence. The Centre also brings out technical books and other scientific publications in different subjects. These activities provide opportunity for scientist-to-scientist contact and interaction; familiarizing participants on the latest developments and techniques in the subject areas; identification of the requirements of training and expert assistance; locating technologies for transfer between the members and other developing countries, dissemination of S&T information, etc. The Centre also encourages academic-research-industry interaction in the developing countries through its NAM S&T-Industry Network.

About UNAS

The Uganda National Academy of Sciences (UNAS; www.unas.or.ug) was founded in 2000. It is an autonomous, honorific and service organisation that comprises a diverse group of scientists from the physical, biological, social and behavioural sciences. These scientists work together in an interdisciplinary and trans-disciplinary manner to achieve their main goal of promoting excellence in sciences by offering independent, evidence-based advice for the prosperity of Uganda. The success of the Academy lies in the strength and expertise of its membership and its ability to mobilize scientific experts to continually advise government policymakers. Given that UNAS is now 118 members strong and growing, the Academy is well positioned for success in her undertakings.

The mission of the Uganda National Academy of Sciences (UNAS) is to contribute towards improving the prosperity and welfare of the people of Uganda by promoting, generating, sharing and utilizing scientific knowledge and information, and to give independent, merit-based advice to Government and society by, among others;

- (1) Engaging in a series of scientific activities designed to elucidate potential evidence-based solutions to pressing national and regional concerns;
- (2) Enhancing the general capacity of UNAS to provide relevant and useful scientific policy advice; and
- (3) Building Uganda's appreciation of and demand for advice from the Academy.

Participants

This roundtable has been primarily designed for the officials of the concerned government departments and policy makers, academic and R&D personnel and representatives of private bodies working in the relevant areas in the developing countries. The selection of the participants will be strictly based on merit and the quality of the extended abstract of presentation material to be submitted along with the completed nomination form. A **pre-condition** for participation in the roundtable is that the participants must submit full manuscripts of their presentation material at least a fortnight before the commencement of the roundtable.

Venue

The international roundtable will be held at Hotel Africana, Kampala, Uganda.

Resource Persons

Resource persons for the roundtable will comprise eminent experts from Uganda and other countries.

Submission of Nominations

Applications for participation (excepting those from Uganda) are required to be submitted in the prescribed form to the NAM S&T Centre as early as possible but **latest by 2nd February 2009**. However, the Ugandan scientists should send their applications directly to the UNAS at Kampala.

The submitted application should contain an extended abstract of the paper to be presented in the roundtable.

Presentation of Paper

Each selected participant will be required to present a country status report and/or a research/scientific paper on any of the themes appropriate to the roundtable. For effective communication to the audience, each presenter will be required to prepare and submit a power-point presentation prior to the meeting.

Publication of Proceedings

The country status reports, scientific/research papers and other study material presented during the training roundtable will be compiled along with the articles invited from other authors and will be brought out in the form of an edited book. All applicants are required to submit the extended abstracts of their proposed presentations to be made during the roundtable along with the completed nomination form. Those finally selected to attend the roundtable will be required to submit the full manuscript of their papers/country reports as per the Centre's prescribed guidelines at least 15 days before the commencement of the roundtable, i.e. by **20th February 2009**.

Local Hospitality and Travel within Uganda

All foreign participants will be received at Entebbe International Airport, Entebbe, Uganda and will be transported to the venue of the roundtable. Local hospitality, including accommodation, meals and local transportation of delegates commencing from one day before the start of the roundtable and for an additional day after its conclusion (i.e. from 9th to 14th March 2009) will be arranged by the UNAS. The participants will have to make their own arrangement of stay beyond these days and therefore they should arrange their flight schedules accordingly.

Financial Arrangements for International Travel

This is being conveyed separately to each member country of the NAM S&T Centre and other developing countries.

Entry Formalities, Immigration and Health

Participants of the roundtable must be in possession of a current passport and valid visa for entry into Uganda. The embassies / diplomatic mission of Uganda located in the country of the participants should be approached for obtaining an entry visa. UNAS will facilitate the issuance of a visa by providing the participants with an official letter of invitation.

Participants of the roundtable must ensure that they obtain a Yellow Fever Vaccination Certificate before arrival in Uganda, if this is required by their governments.

About Kampala and Its Surroundings

Kampala is the capital and the largest city of Uganda. It is coterminous with the district of Kampala. The city is divided into five Divisions that oversee local planning: Central, Kawempe, Makindye, Nakawa and Rubaga.

Kampala is said to be built on seven hills namely, Kasubi Hill, Mengo Hill, Kibuli Hill, Namirembe Hill, Rubaga Hill, Nsambya Hill and the Little Hill of Kampala, all have their historic identities. Kampala is also known for its nightlife, which includes several casino outlets, discotheques, theatres and cinema halls. Entebbe International Airport is located at Entebbe, 35 km away, while Port Bell on the shore of Lake Victoria is 10 km away. The city hosts one of only seven Bahá'í Houses of Worship in the world. It is known as the Mother Temple of Africa and is situated on Kikaya Hill on the outskirts of the city. Uganda is gifted by nature. Several tourist features are readily accessible from Kampala. These include vast Tropical Rain Forest (endowed with wild animals), waterfalls (Ssezibwa Falls, Owen Falls), Lakes (eg., Victoria) and Rivers (e.g., The Nile) and National Parks.

Currency

The Ugandan currency is Uganda Shilling (UGX). One US dollar \approx 1,738.7 Ugandan shillings

People and Culture:

Due to the large number of ethnic communities, culture within Uganda is diverse. Many Asians (mostly from Kottar-Nagercoil in India) who were expelled during the regime of Idi Amin have returned to Uganda. Around seventy different languages are regularly and currently in use in the country. English became the official language of Uganda after independence. The most widely spoken local language in Uganda is Luganda spoken predominantly in the urban concentrations of Kampala, the capital city, and in towns and localities in the Buganda region of Uganda which encompasses Kampala. The Lusoga and Runyankore languages follow, spoken predominantly in the south-eastern and south-western parts of Uganda, respectively. Swahili, a widely used language throughout eastern and central east Africa, was approved as the country's second official national language in 2005. The people of Uganda eat a variety of foods and are not predominantly vegetarian. Cricket has experienced massive rapid growth and is the most popular sport in Uganda.

Other Useful Information

Standard Time: Uganda Standard Time is 3 hours ahead of Greenwich Mean Time (GMT+3)

Voltage: 240 volts 50 Hz, International Dial code: +256, Internet Domain: .ug

Note

- Individual participants or their governments / institutions will be required to bear the following costs:
 - ❖ All expenses in the home country incidental to travel abroad, including expenditure for passport and visa, required medical examinations and vaccinations and miscellaneous expenses such as internal travel to/from the airport of departure in the home country.
 - ❖ Salary and other related allowances for the participants during the event.
 - ❖ Cost of medical insurance to cover the period of their participation in the Roundtable.
- The organizers will not assume responsibility for the following expenditure in connection with the participant's attendance in the Roundtable:
 - ❖ Insurance, medical bills or hospitalisation fees.
 - ❖ Compensation in the event of death, disability or illness of participants.
 - ❖ Loss of personal belongings or compensation for damage caused by climatic or other conditions.
 - ❖ Travel or other costs incurred by the dependents that might accompany the participants, or because of overstay.

Contact Details

NAM S&T CENTRE

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In order to avoid confusion, interested scientists from countries other than Uganda may in the first instance please correspond only with the NAM S&T Centre, and not with the UNAS, Kampala. All such applications will be initially processed by the NAM S&T Centre.

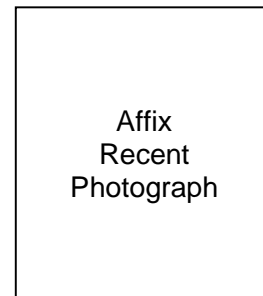
Scientists from Uganda must however submit their requests to the UNAS only.

**CENTRE FOR SCIENCE AND TECHNOLOGY OF THE
NON-ALIGNED AND OTHER DEVELOPING COUNTRIES**

**International Roundtable on
'Sustainable Utilisation of Energy and Biodiversity Resources
for Wealth Creation and Development',
10-13 March 2009,
Kampala, Uganda**

NOMINATION FORM

*(PLEASE TYPE OR USE BLOCK CAPITALS; NO COLUMN SHOULD
BE LEFT BLANK)*



SECTION – A

(To be filled in by the nominee)

1. Name (Dr/Mr/Mrs/Ms):
(As mentioned in the Passport)
2. Gender (Male/Female)
3. Designation (Position held):
4. Nationality:
5. Date of Birth: Place of Birth (City) (Country).....
6. Passport No:Place of issue:
Date of Issue: Valid up to:
7. Name of the Parent Institution/Employer:
Full Address (Office):
.....
Phone: Mobile:
Fax: E-mail:
8. Full Address (Home):

.....

Phone: Mobile:

Fax: E-mail:

9. Educational Qualifications: Highest Degree:.....

Year of Award: University:.....

Field of Study:

10. Brief Bio data:
(To be attached on separate sheet)

11. What in your opinion qualifies you for the participation in this Roundtable?
(To be attached on separate sheet)

12. Brief (1-2 page) Resume of your presentation in the Roundtable.
(To be attached on separate sheet)

Date: Signature:

SECTION - B

ENDORSEMENT BY NOMINATING AUTHORITY

(The applicant in a member country of the NAM S&T Centre may get the following endorsement signed by the Focal Point of the Centre in his/her country, *if he/she wishes to take advantages accrued to the official nominee of the country*. For the list of member countries and names/addresses of the Focal Points please visit Centre’s website www.namstct.org)

Signature:.....

Name (in full):

Designation:.....

Date:.....

SEAL