



**INTERNATIONAL VIRTUAL WORKSHOP  
ON  
ROLE OF SCIENCE, TECHNOLOGY AND  
INNOVATION (STI) IN  
ACHIEVING SUSTAINABLE  
DEVELOPMENT GOALS (SDGs) – 2030**

**24 - 25 May, 2022**

*Organised by*

***The Secretariat of Indian Ocean Rim Association (IORA),  
Ebène, Mauritius***

***&***

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

## INTRODUCTION:

Science, Technology and Innovation (STI) have been recognised as one of the main drivers of economic development and environmental sustainability. STI plays an even more important role in the context of the “Global Agenda of 2030” and for achieving the Sustainable Development Goals (SDGs).

STI is an important driver for increased productivity and value addition that stimulates the growth and competitiveness of a nation. Application of STI is necessary for enabling and accelerating the global transformation towards prosperous, inclusive and environmentally sustainable economies in developing and developed countries alike. In the context of the SDG framework, the implementation of the Goals is replete with a number of challenges for which a close collaboration between the policy makers, S&T communities and other development professionals and stakeholders is indispensable. For effective implementation of most of the 17 SDGs and achieving their set targets, it is necessary that STI has to be directly and indirectly applied with appropriate focus, especially in the Emerging Economies (EE), Least Developed Countries (LDCs) and Small Island Developing States (SIDS).

In order to deliberate on the role of STI in achieving SDGs and to discuss the dynamics of the STI system, as well as the challenges and opportunities in accelerating STI-driven development in the developing world, the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre), New Delhi, and the Indian Ocean Rim Association (IORA), Mauritius, jointly announce the organisation of a 2-days International Workshop on the topic ***“Role of Science, Technology and Innovation (STI) in Achieving Sustainable Development Goals – 2030”*** during **24 - 25 May, 2022**. The Workshop will be hosted by the IORA Secretariat and organised in **Virtual-Mode**.

The Workshop will take place under the auspices of the NAM S&T Centre and IORA Memorandum of Understanding (MoU) that was concluded in 2019 in Abu Dhabi, UAE.

The Workshop will facilitate exchange of information and expertise on “Application of STI for Sustainable Development in IORA and NAM S&T Centre Member Countries” and will help and empower people to build an enabling environment with better access to education and public services, as well as regarding technologies and innovation with direct benefits for people. It will also improve and promote access to education and training of women in Science and Technology.

Besides, the application of various sectors of Science & Technology, the importance of using available data into useful information for better decision making by Member Countries of NAM S&T Centre and IORA for policy formulation and efficient management of resources, transforming economies and saving lives etc. will also be discussed. Further, the scope of application of artificial intelligence in various sectors of economy in IORA Member Countries, such as, blue economy and tourism, especially underwater maritime tourism will be explored.

### **OBJECTIVES OF THE WORKSHOP:**

- To share ideas and expertise and deliberate on the Role of STI in achieving “Sustainable Development Goals-2030” in NAM S&T Centre and IORA Member Countries.
- To draw out a set of recommendations to plan various activities and projects that may be taken up in future to help, advise and facilitate Member Countries on achieving SDGs.
- To discuss the dynamics of Science, Research, Technology and Innovation.
- To focus on the challenges and opportunities in accelerating STI-driven development in the priority areas of the developing countries.
- To provide grounds for regional and global economic partnerships, particularly in post COVID – 19 era.
- To assess developing country investments level in R&D and how greater investment and optimal utilization of R&D infrastructure will lead to faster national development.
- To assess challenges hindering effective research-academic-policy (Government) and industry collaborations and partnerships.

### **TARGET PARTICIPANTS:**

Researchers, scientists, academicians, policy makers (government officials and parliamentarians), international organisations, NGOs and private investors are invited to participate in the Workshop to promote academia-industry interactions and public-private partnerships in achieving SDGs in Indian Ocean Rim Region.

The joining of participants from various NAM and IORA Member Countries will allow for exchange of knowledge, ideas and experiences as well as opportunities for global networking and collaboration.

*English will be the official language of the Workshop.*

### **PROPOSED ISSUES TO BE ADDRESSED:**

The following issues are proposed to be addressed:

- Means of implementation of the SDGs in Emerging Economies (EE), Least Developed Countries (LDCs) and Small Island Developing States (SIDS) in the Indian Ocean Region (IOR);
- Knowledge access for the developing economies on the relevant technologies available for achieving SDGs;
- Capacity building of participating countries for sustainable implementation and related social innovation to make progress in this field; and
- Barriers to technology transfer such as, high cost of transition towards environmentally sustainable societies and economies, in context to South-South and North-South Cooperation.

### **EXPECTED OUTCOME:**

The Workshop will help in initiating discussions on creating a Regional STI Architecture in IORA and NAM S&T Centre Member Countries as well as to stimulate thinking and planning to tap the full potential of STI for Member Countries moving on a sustainable growth path. Changes in mind-sets and approach/attitude for the policy makers, businesses, investors, consumers and civil society which are culture dependent, different and innovative governance approaches will be addressed and recommended through this Workshop.

### **RESOURCE PERSONS:**

The resource persons for the Workshop will comprise eminent experts and professionals in the relevant fields from various IORA and NAM S&T Centre Member Countries.

### **IMPORTANT DATES:**

<b>ACTIVITY</b>	<b>DATE</b>
<i>Registration / Submission of Applications (along with Extended Abstract) Starts</i>	<i>April 21, 2022</i>
<i>Deadline for Submission of Applications (along with Extended Abstract)</i>	<i>May 16, 2022</i>
<i>Submission of Full Manuscripts of Papers</i>	<i>May 20, 2022</i>
<i>Communication of Virtual Platform Details (Meeting Link)</i>	<i>May 20, 2022</i>
<i>Dates of the Workshop</i>	<i>May 24-25, 2022</i>

## **CERTIFICATES:**

A Certificate of Participation will be provided to the participants electronically on the successful completion of the Workshop.

## **MODE OF EXECUTION:**

The Workshop will be organized in Virtual Mode through **CISCO WebEx Platform**.

## **ABOUT THE ORGANIZERS:**

### **NAM S&T CENTRE:**

The Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre), New Delhi is an Inter-governmental Organization with a Membership of 47 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 decisions of various NAM Summits with the objective of promoting mutually beneficial cooperation among the NAM and other developing countries for collective self-reliance.



The Centre undertakes a variety of programmes, including organization of International Workshops, Conferences and Training Courses, and implementation of Collaborative S&T Projects. It also offers short-term Research Fellowships to Scientists and Technologists from developing countries in association with the Centres of Excellence in various countries. The Centre also brings out books, monographs and other scientific publications in different subjects that are of interest to developing countries. The Centre's activities provide opportunity for scientist-to-scientist contact and interactions, 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, and dissemination of STI information etc. In addition, the Centre encourages *academic-R&D-industry interactions* in the developing countries through its NAM S&T-Industry Network.

The Centre has so far organised 130 International Workshops and Training Programmes while promoting cooperation among the developing countries on STI Policy Formulation, STI Diplomacy, Sustainable Development, Technology Transfer & Commercialisation, and other related areas in partnership with various S&T institutions in the Member Countries from the developing world.

## **INDIAN OCEAN RIM ASSOCIATION (IORA):**

The Indian Ocean Rim Association (IORA) is an inter-governmental organisation which was established on 7 March 1997. In a spirit of multilateralism, the Association seeks to build and expand understanding and mutually beneficial co-operation through a consensus-based, evolutionary and non-intrusive approach. Co-operation is based on principles of sovereignty, equality, territorial integrity, political independence, and non-interference in internal affairs of Member States, peaceful coexistence, and mutual benefit.



Today, IORA is the apex regional organisation of 23 Member States and 10 Dialogue Partners, stretching from South Africa in the west, running up the eastern coast of Africa, along the Gulf to South and Southeast Asia, ending with Australia in the east.

The Secretariat of the Indian Ocean Rim Association (IORA) is hosted by the Government of the Republic of Mauritius which is based in Cyber City, Ebène, Mauritius. It manages, coordinates, services and monitors the implementation of policy decisions, work programmes and projects adopted by the Council of Ministers.

## **PRESENTATION OF PAPERS:**

Participants are expected to present research/scientific papers or country status reports during the Workshop on any of the themes relevant to the Workshop.

Only selected papers after the technical screening will be presented during the Workshop.

## **SUBMISSION OF APPLICATIONS:**

Interested experts and professionals from the NAM and other developing countries may submit their applications electronically to the NAM S&T Centre, New Delhi at the official email address: [namstcentre@gmail.com](mailto:namstcentre@gmail.com) as early as possible but latest by **16 May 2022**.

Applicants from IORA Member Countries should, however, send their applications to the IORA Secretariat, at [kritika.nuckchady@iora.int](mailto:kritika.nuckchady@iora.int) and [hq@iora.int](mailto:hq@iora.int).

The following documents must be submitted as attachments along with e-mail:

- i. Filled-in **Application Form** (blank-form enclosed)
- ii. An **Opinion** (a short paragraph; in **MS-Word** only) on what qualifies you to participate in the Workshop
- iii. A **Short CV** (maximum two pages in the format enclosed; in **MS-Word** only)
- iv. An **Extended Abstract** (in **MS-Word** only) of the Paper that would be presented at the Workshop (about 1 page)

Note: The documents at (ii), (iii) and (iv) above must be in MS-Word format only; PDF or image files will not be accepted. Hard copies of the Nomination Form and the above attachments are **NOT REQUIRED** to be submitted.

#### **PUBLICATION AND DISSEMINATION:**

A follow-up publication comprising the country status reports and scientific papers presented by participants will also be brought out along with a set of recommendations adopted during the Workshop which will be widely circulated to the scientific communities in the developing countries for dissemination of knowledge, information and implementation of the recommendations suggested during the Workshop. Therefore, all participants are requested to submit the manuscripts of their full papers (in MS-Word format only) well in advance, but latest by **20 May, 2022**.

#### **SELECTION OF APPLICANTS AND LOG-IN DETAILS:**

Selection of applicants will be made based on their academic and professional background, and relevance of their current engagements in the concerned fields.

The details about the virtual-platform that will be used for the Workshop including the log-in details will be communicated to all the selected applicants by **20 May, 2022**.

#### **SECRETARIAT AND ENQUIRIES:**

<p><b>NAM S&amp;T CENTRE, NEW DELHI</b></p> <p><b>Amitava Bandopadhyay, Ph.D.</b> Director General Centre for Science &amp; Technology of the Non-Aligned and other Developing (NAM S&amp;T Centre), Core-6A, 2nd Floor, India Habitat Centre, Lodhi Road, New Delhi – 110003, India <b>Tel:</b> +91-11-24645134, 24644974; <b>Fax:</b> +91-11-24644973 <b>Email:</b> <a href="mailto:namstcentre@gmail.com">namstcentre@gmail.com</a> <b>Website:</b> <a href="http://www.namstct.org">http://www.namstct.org</a></p>	<p><b>IORA SECRETARIAT, EBÉNE</b></p> <p><b>Kritika Nuckchady (Ms.)</b> Project Officer Indian Ocean Rim Association (IORA) 3rd Floor   Tower 1   NeXTeracom Building Cybercity   Ebéne   Republic of Mauritius <b>Office:</b> +230 454 1717 <b>E-mail:</b> <a href="mailto:kritika.nuckchady@iora.int">kritika.nuckchady@iora.int</a> <b>Website:</b> <a href="http://www.iora.int">www.iora.int</a></p>
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**INTERNATIONAL VIRTUAL WORKSHOP ON  
ROLE OF SCIENCE, TECHNOLOGY AND INNOVATION (STI) IN ACHIEVING  
SUSTAINABLE DEVELOPMENT GOALS – 2030**

**24-25 May, 2022**

11:00 -15:00 hrs.  
(Mauritius Time: GMT + 4 hrs.)

**TENTATIVE PROGRAMME**

<b>DAY 1 - TUESDAY, 24 MAY 2022</b>		
<b>AGENDA ITEM</b>	<b>TIME (GMT+ 4 HRS.)</b>	<b>DETAILS</b>
	<b>10:30-11:00</b>	<b>Technical Connectivity Check by the Host (Testing Phase) – CISCO WebEx Platform</b>
<b>1.</b>	<b>11:00-12:00</b>	<p><b>Opening Session</b></p> <ul style="list-style-type: none"> <li>● Mr. Gareth Rees, Programme Director, IORA Secretariat</li> <li>● Opening Remarks, H.E. Salman Al Farisi, IORA Secretary General (10 mins)</li> <li>● Welcome &amp; Opening Remarks by Dr. Amitava Bandopadhyay, Director General, NAM S&amp;T Centre, New Delhi (10 mins)</li> <li>● Keynote Address by Dr. Srivari Chandrasekhar, Secretary, Department of Science and Technology (DST), Government of India, (30 mins) <b>[Confirmed]</b></li> </ul> <p><b>Keynote Topic:</b> <i>“The Role of STI in Achieving the Sustainable Development Goals (SDGs) - 2030”</i></p> <p style="text-align: center;"><b>Virtual Group Photo</b></p>
<b>2.</b>	<b>12:00-13:15</b>	<p><b>Technical Session I - Strategies and Means of Implementation of the SDGs in Emerging Economies, LDCs and Small Island Developing States (SIDS) in the Indian Ocean Region (IOR)</b></p> <p><b>3 Speakers:</b> 60 mins (20 mins. each)</p> <ul style="list-style-type: none"> <li>● Presentation on the “Global Pilot Project on STI Roadmap for SDGs” by Dr. David Njubi, Director, Scheduled Sciences, National Commission for Science, Technology and Innovation, Kenya <b>[Confirmed]</b></li> <li>● IORA Member State / NAM S&amp;T Centre / IORA Dialogue Partner</li> <li>● <b>Open Discussion:</b> 10 mins</li> <li>● <b>Key Takeaways by Moderator (TBC):</b> 5 min</li> </ul>
<b>3.</b>	<b>13:15-13:30</b>	<b>Comfort Break</b>



4.	13:30-14:45	<p><b>Technical Session II – Knowledge Access for the Developing Economies on the Relevant Technologies Available for Achieving SDGs</b></p> <p><b>3 Speakers:</b> 60 mins (20 mins. each)</p> <p>IORA Member State /NAM S&amp;T Centre Member State / IORA Dialogue Partner</p> <p><b>Open Discussion:</b> 10 mins</p> <p><b>Key Takeaways by Moderator (TBC):</b> 5 min</p>
<b>END OF DAY 1</b>		
<b>DAY 2 - WEDNESDAY, 25 MAY 2022</b>		
AGEND A ITEM	TIME (GMT+ 4 HRS)	DETAILS
	10:30-11:00	<b>Technical Connectivity Check by the Host (Testing Phase) – CISCO WebEx Platform</b>
5.	11:00-12:15	<p><b>Technical Session III – Capacity Building of Participating Countries for Sustainable Implementation and Related Social Innovation to Make Progress in this Field</b></p> <p><b>3 Speakers:</b> 60 mins (20 mins each)</p> <p>IORA Member State /NAM S&amp;T Centre Member State /IORA Dialogue Partner</p> <p><b>Open Discussion:</b> 10 mins</p> <p><b>Key Takeaways by Moderator (TBC):</b> 5 min</p>
6.	12:15-13:30	<p><b>Technical Session IV– Barriers to Technology Transfer such as, High Cost of Transition Towards Environmentally Sustainable Societies and Economies, in the Context of South-South and North-South Cooperation</b></p> <p><b>3 Speakers:</b> 60 mins (20 mins each)</p> <p>IORA Member State/NAM S&amp;T Centre Member State/IORA Dialogue Partner</p> <p><b>Open Discussion:</b> 10 mins</p> <p><b>Key Takeaways by Moderator (TBC):</b> 5 min</p>
7.	13:30-13:45	<b><i>Comfort Break</i></b>
8.	13:45-14:45	<p><b>Working Session: Outcome Document &amp; Way Forward</b></p> <p>Co-Chairs: NAM S&amp;T Centre &amp; IORA Secretariat</p> <p>Discussion and Adoption of Resolution &amp; Key Takeaways</p>
9.	14:45-15:00	<b>Closing Session: Closing Remarks by the NAM S&amp;T Centre &amp; IORA Secretariat</b>
<b>END OF WORKSHOP</b>		

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(NAM S&T CENTRE)

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**24-25 MAY, 2022**

**APPLICATION FORM**

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

**SECTION –A**

(To be filled in by the Applicant)

1 First Name (Prof. /Dr. /Mr. /Mrs. /Ms.): .....

Middle Name: .....

Last Name: .....

2 Father's / Spouse Name: .....

3 Designation (Position held): .....

4 Nationality: .....

5 Date of Birth: .....

Place of Birth (City) .....(Country).....

6 Name of the Parent Institution (Employer): .....

Full Address (Office): .....

.....

Phone: ..... Fax: .....

E-mail: .....

7 Full Address (Home): .....

.....

Phone: ..... Mobile: .....

Fax: ..... E-mail: .....  
8 Educational Qualifications: Highest Degree. ....  
Year of Award: ..... University: .....  
Field of Study: .....

9 Brief Bio data (CV)  
.....

*(Maximum two pages in MS Word only; to be attached on separate sheet as per the attached format)*

10 A Write-up (in MS-Word format only) on what qualifies you to attend the Workshop

11 An Extended Abstract (in MS-Word only) of the Paper that would be presented at the Workshop (about 1-1 ½ pages)

Date: ..... Signature: .....

**SECTION –B**

**ENDORSEMENT BY THE NOMINATING AUTHORITY**

*(The Applicant in a Member Country of the NAM S&T Centre must get the Nomination Form endorsed by the Focal Point of the Centre in his/her country, if he/she wishes to take advantages extended to the official nominee of the country. For the list of member countries and names /addresses of the Focal Points please visit the Centre’s official website; [www.namstct.org](http://www.namstct.org).)*

Signature: .....

Name (in full): .....

Designation: .....

Date: .....

**SEAL**

**Enclosures:**

1. A Brief CV (maximum two pages, as per **attached** format; in MS Word only)
2. An Opinion (in MS-Word format only) on what qualifies you to attend the Workshop
3. An Extended Abstract (in MS-Word only) of the Paper that would be presented at the Workshop (about 1-1 ½ pages)

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**24-25 MAY, 2022**

**CURRICULUM VITAE**

**1. Personal Details:**

**Name:** *(Prof/Dr/Mr/Mrs/Ms)*

**Font Name:** *Times New Roman*

**Designation:** *Position Title*

**Font Size:** *12*

**Present Employer:** *Full Address (Office)*

**City/State/Province:**

**Country:**

**Nationality:**

**Date of Birth:** *dd/mm/yyyy*

**Proficiency in English Language:**

**Permanent Address:** *Full Address (Home)*

**Gender:**

**Contact: Mobile:**

**Telephone Office:**

**Fax:**

**E-mail:**

**Alternative e-mail:**

**2. Academic Qualifications:** *In chronological order*

<b>Qualification Awarded</b> <i>Degree/Diploma/Certificate</i>	<b>Major Subject</b>	<b>University/ Institution</b>	<b>Year</b> <i>(From-To)</i>

**3. Professional Experience:** *In chronological order*

<b>Organisation/ Institution</b>	<b>Position Title</b>	<b>Year</b> <i>(From-To)</i>	<b>Nature of duties</b>
i.			
ii.			

*Total number of years of relevant experience –*

**4. Research Experience:** *In chronological order*

<b>Research Title</b>	<b>Duration</b>	<b>Status</b>

**5. Experience with respect to the title of the Workshop:**

**6. Details of Awards/Recognitions (if any):**

**7. Any other information:** *Not more than 50 words*

**8. Recent Publications:** *Only five recent publications to be mentioned*

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