



INTERNATIONAL WORKSHOP ON IMPACTS OF CLIMATE CHANGE ON SMALL ISLAND DEVELOPING STATES

Organized by

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

In Partnership with

Indian Ocean Rim Association (IORA) Secretariat, Mauritius
and

Scientific Committee on Problems of the Environment (SCOPE),
Amstelveen, the Netherlands

VIRTUAL-MODE
28- 29 February, 2024

INTRODUCTION

Small Island Developing States (SIDS) are a distinct group of 39 States and 18 Associate Members of United Nations Regional Commissions that face unique social, economic and environmental vulnerabilities.

SIDS have long been recognized by the international community as a special case whose needs and concerns have to be addressed. Although, these countries are among the least responsible of all the nations for the impacts of climate change, they are likely to suffer the most from its adverse effects. The IPCC Report on “Climate Change 2022 - Impacts, Adaptation and Vulnerability” confirmed that SIDS are particularly vulnerable to the impacts of climate change and they are increasingly being affected by extreme weather events such as – tropical storms, cyclones and hurricanes, dramatic changes in rainfall pattern, rising sea levels and other weather-related phenomena including droughts and flooding. With all it entails - loss of biodiversity (mainly fisheries that contribute to over half of the GDP of SIDS), coral bleaching, reduced agricultural productivity and food security, human health impacts (such as vector-borne disease and respiratory problems), damage to property and infrastructure, threat to marine resources and tourism that can easily cripple small economies of SIDS.

If the global mean temperature continues to rise due to increased greenhouse gas emissions (mainly carbon pollution), these extreme weather events will become more frequent and intense and the impacts of climate change may worsen in the future.

SIDS are among the parties least responsible for climate change and are dependent on others to ensure that significant action is taken in their support. Consequently, they strive not only to support the process directly but also to ensure that proper action is taken to build the adaptive capacity to tackle the climate related risks. These include reducing greenhouse gas emissions, reducing the carbon footprint, building seawalls for defense to protect coastal areas from flooding, producing drought-resistant crops and improving early warning systems for extreme weather events.

SIDS need international assistance to help them cope with the impacts of climate change - through capacity building, technology transfer, financial support and availability of other resources to build a more sustainable future.

In view of the above, the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre), New Delhi jointly with Indian Ocean Rim Association (IORA) Secretariat, Mauritius and the Scientific Committee on Problems of the Environment (SCOPE), Amstelveen, the Netherlands announces the organization of a two-days International Workshop on “Impacts of Climate Change on Small Island Developing States” during 28-29 February 2024 in **Virtual-mode**.

AIM AND OBJECTIVES

- **Share Knowledge and Research:** Facilitate the exchange of knowledge and scientific findings, case studies and best practices regarding the impacts of climate change on SIDS.
- **Create Awareness:** Enhance understanding of the unique challenges faced by SIDS and the urgent need for climate action.
- **Foster Collaboration:** Encourage networking and foster collaboration among the participants to develop effective strategies and solutions for building climate resilience systems and infrastructure in SIDS.

TOPICS TO BE COVERED

Climate change leads to wide-ranging effects on the environment and the economic prospects of Small Island Developing States as well as on the health and well-being of the people living in these areas. The following topics will be covered during the Workshop:

- Climate Change and Coastal Resilience;
- Climate Smart Technologies;
- Agriculture and Food Security;
- Biodiversity Conservation , Tourism and Fisheries;
- Water Management and Related Challenges due to Climate Variability;
- Coastal Environment Protection and Disaster-Risk Reduction;
- Policy and Governance;
- Climate Finance and Investment; and
- Community Engagement and Women Empowerment

EXPECTED OUTCOMES

The potential outcomes of the Workshop include the following:

- Knowledge exchange and awareness;
- Policy recommendations;
- Capacity building;
- Networking and collaboration;
- Community engagement and empowerment;
- Enhanced international support;
- Research and funding opportunities; and
- Publication of a book for dissemination of information and knowledge

Overall, the Workshop will help Small Island Developing States in building climate resilience, promoting sustainable development and advocating their needs in the face of overall adverse climate change. These outcomes can help create policies, empower communities, foster collaboration and drive international support for the long-term sustainability of SIDS.

TARGET PARTICIPANTS

Scientists and researchers, government officials and policymakers, representatives from international organizations, NGOs and similar development agencies; stakeholders from SIDS community and IORA Member States including community leaders and indigenous groups; academicians, students and experts engaged in the field of climate finance and investment; sustainable businesses; environmental engineers; environmental science and management professionals; environmental policy analysis and planning experts; wildlife, fisheries and conservation biology specialists; marine and coastal scientists; ecological management and restoration experts; and agricultural and environmental education specialists are eligible to apply for the Workshop.

IMPORTANT DATES

ACTIVITY	DATES
Date of Workshop	28 - 29 February, 2024
Beginning of Registration (along with Submission of the Extended Abstract of the Paper)	3 January, 2024
Last Date for Submission of Applications	5 February, 2024
Confirmation to the Selected Applicants	12 February, 2024
Last Date for Submission of Full Papers	15 February, 2024

MODE OF EXECUTION

The Conference will be organized in Virtual-mode.

English will be the official language for the Conference

SUBMISSION OF APPLICATIONS

Scientists and experts desirous of participating in the Workshop from the Member Countries of the NAM S&T Centre should send their applications to Dr. Amitava Bandopadhyay, Director General, NAM S&T Centre, New Delhi at namstcentre@gmail.com as early as possible but latest by **February 5, 2024**.

However, interested applicants from SIDS and other Member States of IORA which are not members of the NAM S&T Centre may submit their requests directly to IORA Secretariat only at kritika.nuckchady@iora.int

The following documents must be submitted as e-mail attachments for submission of application to the NAM S&T Centre:

- a) Filled in Application Form (attached along with the announcement brochure);
- b) A Write-up (a short paragraph) on what qualifies the applicant to attend the Workshop;
- c) A Short Biography (to be written in third person) highlighting job title, education and professional experience as succinctly as possible.
- d) An Extended Abstract (about 250-300 words, in MS-Word document) of the Paper that would be presented at the Workshop.

PRESENTATION OF PAPERS

Participants are expected to present research/scientific papers and/or country status reports on any of the themes appropriate to the Workshop. Therefore, applicants are requested to submit the extended abstracts (about 250-300 words; in MS-Word only) of the papers that would be presented by them during the Workshop.

PUBLICATION OF PAPERS

A publication edited by a team of international experts and based on the papers presented by the participants during the Workshop and also containing papers contributed by other eminent experts in the field will be brought out in the form of a book as a follow-up of this Workshop. Therefore, all participants will be requested to submit the manuscripts of their full papers (in MS-Word format only) well in advance. The book will be published by a reputed International Publishing House.

SELECTION OF APPLICANTS

Selection of applicants will be made based on their academic and professional backgrounds. Successful applicants will be electronically informed about their selection and other important details.

ABOUT THE ORGANISERS

NAM S&T CENTRE, NEW DELHI

The Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) is an Inter-Governmental Organisation with a Membership of 47 countries spread over Asia, Africa, the Middle East and Latin America. The Centre was set-up in 1989 in New Delhi, India, based on decisions taken during various NAM Summits and is mandated to undertake a variety of programmes, including organization of international workshops, training programmes and training courses and implementation of multilateral collaborative projects. It also offers short-term fellowships programmes to scientists and researchers from developing countries in association with the Centres of Excellence in various countries. The Centre also brings out technical books, monographs and other scientific publications in different S&T subjects of interest to developing countries. The Centre's activities provide an 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 S&T 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 is giving special focus on helping the NAM S&T Centre Member Countries in their capacity building to achieve the UN Sustainable Development Goals – 2030. More details about the Centre are available at www.namstct.org.



IORA SECRETARIAT, MAURITIUS

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 11 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.

SCOPE, AMSTELVEEN, THE NETHERLANDS

SCOPE is an international multidisciplinary non-profit, non-governmental organization based in the Netherlands. The objective of the SCOPE is to serve as a source of advice with respect to emerging ecological and environmental issues, seeking to advance knowledge of the influence of humans on the environment, as well as the effects of these environmental changes upon mankind, its health and its well-being. In order to reach that goal, the activities of SCOPE are: to advance and facilitate studies of fundamental environmental processes, develop collaborative programmes among Scientific Unions, National Members and Scientific Committees and other appropriate organizations including those concerned with the social sciences and the biological aspects of the medical sciences, and promote education in, and understanding of, environmental issues. SCOPE is an affiliated Member of the International Science Council (ISC).



SECRETARIAT AND ENQUIRES

NAM S&T CENTRE; NEW DELHI

Dr. Amitava Bandopadhyay,

Director General,

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Website: <https://www.namstct.org>

IORA SECRETARIAT, MAURITIUS

Ms. Zelda Vrolick

Director

Indian Ocean Rim Association

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Email: zelda.vrolick@iora.int ; kritika.nuckchady@iora.int

Website: <https://www.iora.int>

SCOPE, AMSTELVEEN, THE NETHERLANDS

Prof. Dr. Jill H. Slinger,

Faculty of Technology Policy and Management, Delft University of Technology,

Delft, Netherlands

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TENTATIVE PROGRAMME

DAY 1 – 28 February, 2024		
Agenda Item	Mauritius Time (GMT+ 4 Hrs.)	Programme Details
	10:30 am - 11:00 am	Technical Connectivity Check by the Mauritian Host (Testing Phase) – Zoom/MS Teams/Any Other Suitable Platform
1.	11:00 am - 12:00 noon	<p>Inaugural Session</p> <ul style="list-style-type: none"> • • Welcome & Opening Remarks by H.E. Dr. Salman Al Farisi, Secretary General, IORA Secretariat, Mauritius (10 mins) • Opening Remarks by Dr. Amitava Bandopadhyay, Director General, NAM S&T Centre, New Delhi (10 mins) • Remarks by Dr. Jon Samseth, President, SCOPE, Amstelveen, the Netherlands (10 mins) • Keynote Address – TBC (25 mins) <p>Keynote Topic: “..... ”</p>
		Vote of Thanks and Virtual Group Photograph
2.	12:00 noon - 13:15 pm	<p>Technical Session I – Impacts of Climate Change: An Overview</p> <p>4 Speakers: 60 mins (15 mins each)</p> <ul style="list-style-type: none"> • IORA Member States / NAM S&T Centre Member Countries/ IORA Dialogue Partners • Open Discussion: 10mins • Key Takeaways by Moderator: 05 mins

	13:15 pm - 13:45 pm	Break
3.	13:45 pm - 15:00 pm	Technical Session II – Impacts of Climate Change on Small Island Developing States (SIDS) 4 Speakers: 60 mins (15 mins each) <ul style="list-style-type: none"> • IORA Member States / NAM S&T Centre Member Countries/ IORA Dialogue Partners • Open Discussion: 10 mins • Key Takeaways by Moderator: 05 mins
End of Day 1		
DAY 2 – 29 February, 2024		
Agenda Item	Time (GMT+ 4 Hrs.)	Programme Details
	10:30 am - 11:00 am	Technical Connectivity Check by the Mauritian Host (Testing Phase) – Zoom/MS Teams/Any Other Suitable Platform
4.	11:00 am - 12:15 pm	Technical Session III – Impacts of Climate Change on Agriculture, Weather Patterns, Marine Environment and Sea Level Changes: SIDS Perspectives 4 Speakers: 60 mins (15 mins each) <ul style="list-style-type: none"> • IORA Member States / NAM S&T Centre Member Countries/ IORA Dialogue Partners • Open Discussion: 10 mins • Key Takeaways by Moderator: 05 mins
5.	12:15 pm - 13:30 pm	Technical Session IV – Impacts of Climate Change on Tourism, Fisheries, Flora & Fauna and Economy & Commerce: SIDS Perspective 4 Speakers: 60 mins (15 mins each) <ul style="list-style-type: none"> • IORA Member States / NAM S&T Centre Member Countries/ IORA Dialogue Partners • Open Discussion: 10 mins • Key Takeaways by Moderator: 05mins
	13:30 pm - 14:00 pm	Break

6.	14:00 pm - 14:45 pm	Working Session: Outcome Document & Way Forward <ul style="list-style-type: none"> • Co-Chairs: NAM S&T Centre & IORA Secretariat • Discussion and Adoption of Resolution • Key Takeaways and Feedback from Participants
	14:45 pm - 15:00 pm	Closing Session: Closing Remarks by the NAM S&T Centre, New Delhi and IORA Secretariat, Mauritius
End of Day 2		

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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 Designation (Position held):
- 3 Nationality:
- 4 Date of Birth:
Place of Birth (City)(Country).....
- 5 Name of the Parent Institution (Employer):
Full Address (Office):
.....
Phone: Fax:
E-mail:
- 6 Full Address (Home):
.....
Phone: Mobile:

Fax: E-mail:

7 Educational Qualifications: Highest Degree.
Year of Award: University:
Field of Study:

8 Short Biography:
(Maximum 250-300 words in MS Word only; to be attached)

9 Extended Abstract of Paper proposed to be presented at the Workshop
(Maximum 250-300 Words, in MS Word; to be attached)

10 A Write-up on what qualifies you to attend the Workshop

Date: Signature:

SECTION-B

ENDORSEMENT BY THE NOMINATING AUTHORITY

(The Applicant in a Member Country of the NAM S&T Centre must get the Application 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.)

Signature:

Name (in full):

Designation:

Date:

SEAL

Enclosures:

1. Short Biography *(Maximum 250-300 words in MS Word only)*
2. Extended Abstract of Paper *(about 250-300 Words, in MS Word only)*
3. A Write-up on what qualifies you to attend the Workshop
