



SUPREME AUDIT INSTITUTION OF INDIA
लोकहितार्थं सत्यनिष्ठा
Dedicated to Truth in Public Interest



**International Centre for Environment Audit and
Sustainable Development (iCED)
SAI India**

A Centre of Excellence on the Blue Economy



About iCED

The growing need to embrace environmental issues in the process of governance



in India, led the Comptroller and Auditor General of India (C&AG) to establish a unique institution dedicated to environmental audit in the International Centre for Environment Audit and Sustainable Development (iCED), Jaipur, operationalised since 2013.

iCED has been a Global Training Facility (GTF) of the INTOSAI Working Group on Environment Auditing (WGEA), effective from March 2011. It is also the GTF of INTOSAI Working Group on Extractive Industries (WGEI) since August 2016. It has further been a



pivotal centre of SAI India to conduct extensive capacity building, both nationally and internationally.

iCED undertakes research related to audit processes, including on the governance structures related to the environment and sustainable development.

Vision

We strive to act as a global Centre of Excellence in capacity building and research in Environment Audit and Sustainable Development, including the evolving focus area of the Blue Economy.

Mission

Using an interdisciplinary approach made possible by valuable partnerships, we strive to develop high quality products in training and research to enrich environment audit.

Our Infrastructure - Sustainability on the Campus

iCED's campus sprawling over 16 acres of land is amidst the picturesque backdrop of the Aravalli hills, just outside the historic city of Jaipur. It has an



extensive green belt of nearly 10,537 plants and trees, including shrubs, hedges, and plants of a bio-diverse terrain, and is an approximately 85% "Green Campus". It has comfortable in-house residential facilities including multi-cuisine dining and sports

iCED is a uniquely placed Global Training Facility among all SAIs in being dedicated to capacity building on environmental audit and sustainable development issues.

amenities.

Cementing SAI India's commitment towards environmental conservation it was designed to be a part of the living environment. The campus exhibits the following green features-

- Use of fly ash in concrete and bricks.
- Weather proof and climate resilient building
- Energy efficient features and fixtures in design
- Use of clean energy through Solar Farm
- Water conservation Rainwater Harvesting System
- Reuse of water through Sewage Treatment Plant
- Rare Trees Park

Capacity Building

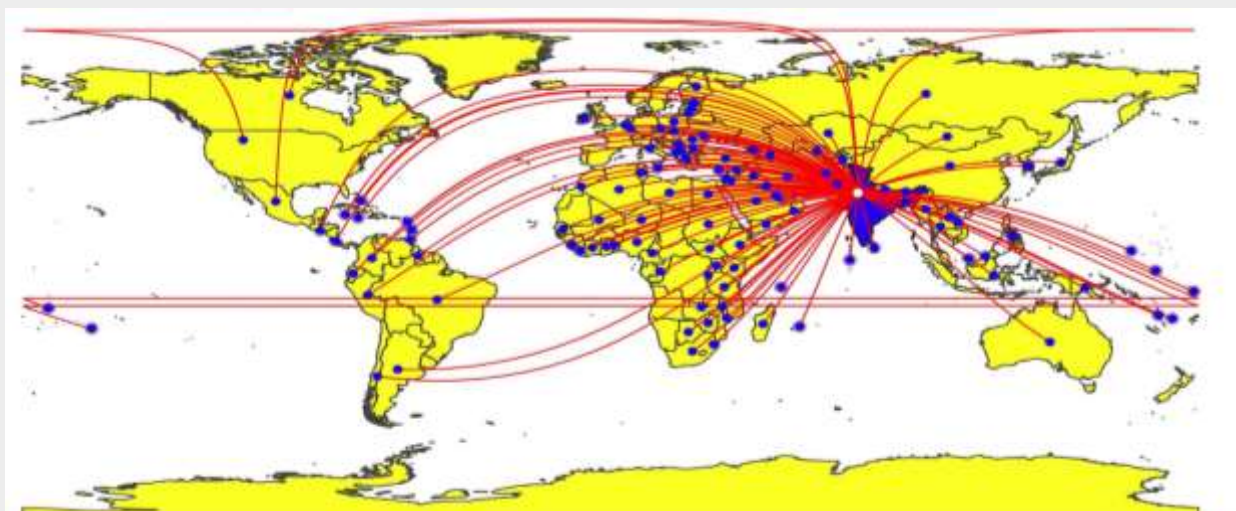
iCED, has imparted training to more than 4900 participants of SAI India; and around 1700 participants from 123 SAIs around the globe.

Some flagship training courses have been held on audit of:

- Bio-diversity including Wetlands and Delta Management
- Mining and Extractive Industries
- Air and Water Pollution
- Waste Management
- Climate Change Adaptation Strategies
- Tackling Desertification and Sustainable Agriculture
- Water Pollution
- Natural Resources Accounting
- Renewable Energy
- Sustainable Development Goals

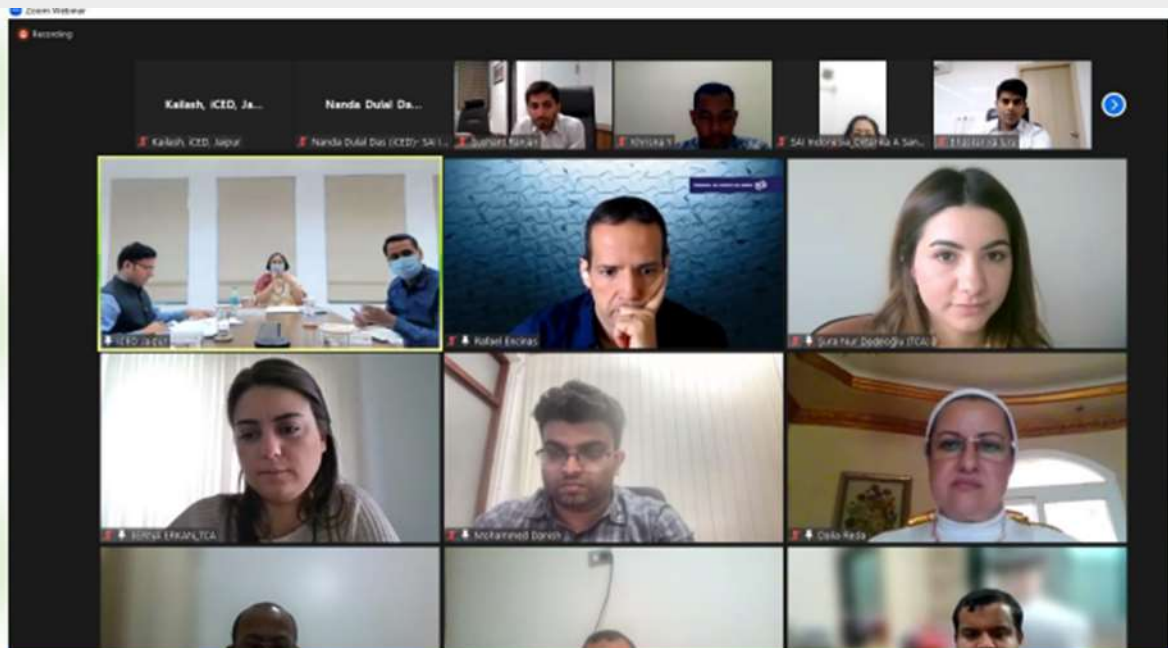


iCED's Global Outreach





Snapshot of activities during International Workshop on “Climate Change Mitigation and Adaptation Strategies including Green Finance” (13th to 17th February 2023)



Ms Sayantani Jafa, ADAI & DG, iCED, Mr Deen Dayal Verma, Director (Administration), Dr Nanda Dulal Das, Director (Training & Research), along with participants during valediction of the 1st International Webinar on “Experience Sharing on Audit of Blue Economy related issues”



**3rd Indian Technical & Economic Cooperation (ITEC) Programme on "Environment Audit"
International Centre for Environment Audit and Sustainable Development (iCED)
(06th March-10th March, 2023)**



Group photo



Participants of 3rd Indian Technical & Economic Cooperation (ITEC) Programme



**3rd International Training Programme on "Audit of Extractive Industries"
(27th February to 11th March 2023)**



Participants during International Webinar on “Multi-dimensional Aspects of Auditing Blue Economy” 13th July 2023 (Batch-I)



Participants during International Webinar on “Multi-dimensional Aspects of Auditing Blue Economy” 14th July 2023 (Batch-II)



Ms. Sayantani Jafa, ADAI & DG, iCED addressing the participants during Inauguration of the International Webinar (Batch I & II)



Participants during International Webinar on “Audit of Blue Economy, Issues and Challenges with special reference to SDG-14”, 25th September 2023 (Batch-I)



Participants during International Webinar on “Audit of Blue Economy, Issues and Challenges with special reference to SDG-14”, 26th September 2023 (Batch-II)

Research at iCED

iCED extensively contributes research inputs on key environment issues to SAI India's collaboration with INTOSAI Working Groups, ASOSAI including its Journals and other SAIs. iCED also



has a vibrant in-house research programme, in collaboration with leading academic institutions like TERI (The Energy and Resources Institute) to bring out quality research projects dovetailed to SAI India's Environment Audit processes.

Some of the Research Products developed by iCED are listed below:

Occasional Research Paper Series	International Organization of Supreme Audit Institutions – Working Group on Environmental Auditing (INTOSAI – WGEA) Publications	Asian Journal of Government Audit Articles	Journal of Audit Journal
<ul style="list-style-type: none"> • Climate Change Adaptation in India in the context of Urban Flooding 	<ul style="list-style-type: none"> • Auditing Plastic Waste: Research and Audit Benchmarks for Supreme Audit Institutions 	<ul style="list-style-type: none"> • Auditing Plastic Waste - An Overview and Experience from - SAI India (October -22) 	
<ul style="list-style-type: none"> • Urban Planning- A Compendium Report of Delhi and Jaipur from Environmental Perspective 	<ul style="list-style-type: none"> • Training Tool on Environmental Data: Resources and Options for Supreme Audit Institutions 	<ul style="list-style-type: none"> • Auditing Climate Change- An Overview and Experience from SAI India (April - 22) 	

Occasional Research Paper Series **International Organization of Supreme Audit Institutions – Working Group on Environmental Auditing (INTOSAI – WGEA) Publications** **Asian Journal of Government Audit (ASOSAI) Journal of Audit Articles**

- **Municipal Solid Waste Management in India**
- **Greening SAIs**
- **Bus Rapid Transit in India**
- **Environmental Impact Assessment**

Occasional Research Paper Series (Contd.)

- **Causes, impacts, risk and mitigation of Urban Flood Management in India**
- **Review of Urban Transport Challenges and Sustainable Urban Transport Policies for Jaipur City**
- **Research Compendium of Study reports by Interns Volume-I (2022)**
- **Research Compendium of Study reports by Interns Volume-II (2023)**
- **Ethical and Sustainable Use of Plastic Value Chain and Gradual Phasing-out of Plastic Waste**
- **Study report on Role of Supreme Audit Institutions in Auditing Climate Change (Under Finalization)**

Green Files – iCED’s Quarterly Journal

We also publish a quarterly journal on environment audit and sustainable development called ‘Green Files’ which is available on our website.



The journal highlights issues on environment and sustainable development which enables audit offices to identify areas of audit concern.

It is an information packed cornucopia of news on environment and sustainable development. So far 47 volumes of the Green Files have been published.

We have enhanced the content of Green Files in 2023 with valued contributions from global SAI’s (Brazil and Egypt) and renowned think-tanks.

Opening the Pathway- iCED as a Centre of Excellence on the Blue Economy

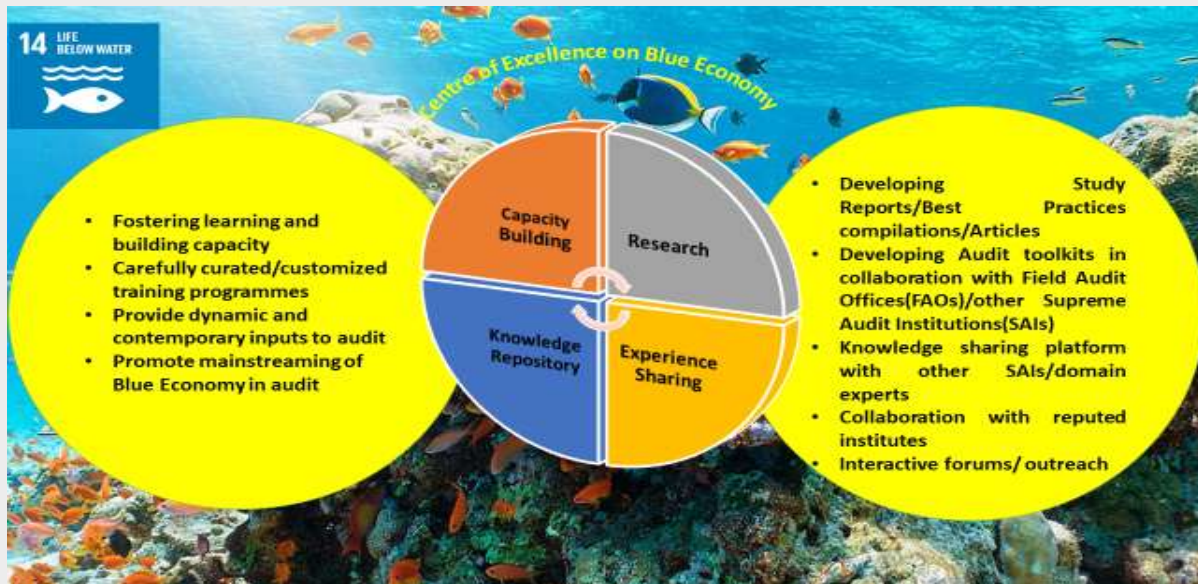
One of the priority areas selected for Supreme Audit Institutions 20 (SAI 20) deliberations is the Blue Economy. The engagement of SAIs in advising executives is crucial in balancing key developmental concerns of economic growth, national security and equitable livelihood generation mapped to environmental sustainability and mindful utilization of marine as fresh-water ecosystems.

“Blue economy takes forward the concept of Lifestyle for Environment (LiFE), introduced by India at the COP26 Glasgow summit, which emphasises the need for ‘mindful and deliberate utilisation’ to sustain and revitalise the marine and freshwater environments. As a priority area, it serves to bring the focus of SAIs to particularly (but not exclusively) SDG 14, viz. Life Below Water.”

Shri Girish Chandra Murmu
Comptroller and Auditor General of India

iCED’s role as a Centre of Excellence on Blue Economy

The concept of the Blue Economy is labyrinthian, cross-cutting, intricately complex and variegated in nature and poses several challenges to audit. iCED will focus on four major pillars- viz. Capacity Building, Research, Knowledge Repository & Information Hub and Experience Sharing to sharpen audit focus for scaling up future audits.



iCED has engaged in vibrant capacity building exercise by focussing on the following major components of Blue Economy viz. Coastal and Marine Ecosystem; Sustainable Marine Fishery Management; and Sustainable Marine Tourism. *Three International Webinars,*



Two National Training Programmes and One National Workshop were organised on Blue Economy related themes in 2023.

Occasional Research Papers on Blue Economy Sectors

- **Use of Remote Sensing; GIS; DPSIR framework and SWOT analysis for impact assessment of Marine Renewable Energy Sector with a focus on Floating Solar Photovoltaic Systems in India**
- **Sustainable Livelihood and Gender Equity in the Development of the Blue Economy with A Special Focus on Marine Fisheries**
- **Marine Energy Resources: Some Perspectives for Planning Audits**

Blue Economy Capacity Building

Sl No	Name of the International Webinar	Duration	Total Participants	Countries participated
1.	International Webinar on “Experience Sharing on Audit of Blue Economy related issues”	27.04.2023	32 from 7 SAIs	Argentina, China, India, Indonesia, Oman, Russia, Turkey
2.	International Webinar on “Multi-dimensional Aspects of Auditing Blue Economy”	13.07.2023-14.07.2023	64 from 22 SAIs	Australia, Azerbaijan, Bulgaria, Costa Rica, Cyprus, Egypt, Ethiopia, Fiji, India, Indonesia, Madagascar, Maldives, Mexico, Morocco, Nepal, Oman, Pakistan, Russia, South Africa, Sri Lanka, Ukraine, Vietnam
3.	International Webinar on “Audit of Blue Economy, Issues and Challenges with special reference to SDG-14”	25.09.2023-26.09.2023	82 from 22 SAIs	Argentina, Bahamas, Botswana, Brunei, Cayman Island, Egypt, Ethiopia, Georgia, Greece, India, Indonesia, Kuwait, Malta, Nigeria, Oman, Pakistan, Peru, Philippines, Russia, South Sudan, Thailand, Ukraine

Sl No	Name of the National Training Programme/ National Workshop	From	To	Total Participants
1.	National Workshop on “Climate Change with reference to Marine Ecosystem, Biodiversity Loss and Marine Pollution”	03.07.2023	04.07.2023	30
2.	National Training Programme on “Blue Economy: A Multi-Dimensional Overview with special focus on Marine and Coastal Ecosystem Conservation Measures”	17.07.2023	27.07.2023	20
3.	National Training program on “Blue Economy with special focus on Marine Tourism and Audit of SDG-14 and related SDGs (Terrestrial & Aquatic)”	21.08.2023	25.08.2023	20

We received very positive feedback and scores on all these programmes ranging from 8.8 to 9.51 on a scale of 10.

Striving for Excellence

"I received a lot of helpful information about Environment Audit during this course..... The campus is green and full of facilities for dining, sports and research. The hostel is clean and the room is comfortable. The whole training programme is meaningful and updated. It was a good opportunity to share experiences between SAIs."

Ms. Ngo Thi Ngoc Tu
SAI Vietnam
December-2022

"I would like to thank iCED for the good organization of the training programme and their hospitality. It is very challenging to organize a two weeks International Training and iCED has set a high standard. Course was very good and trainers were very knowledgeable."

Mr. Xavier Ignasi Farrero Gonzalez
European Court of Auditors
December-2022

"Topics were relevant and diverse. Lot of areas were covered in a short period of time. Everything at iCED is great, from the food, staff, rooms and recreation activities available. The atmosphere of the campus is also very nice and rooms are spacious and clean. It was a pleasure to be here and I hope to come again. Thank you for having us."

Ms. Aminath Shuaau Mohamed
SAI Maldives
December-2022

"I spent best time at iCED. Everything is very good, the organizer, the study trips..... I enjoyed the whole programme. Everyone here welcomed us. Thank you."

Mrs. Samia Mohamed Abdelrahman
SAI Sudan
December-2022

"It has been a pleasure to be part of such a diverse and engaged group. I enjoyed the sessions and the participatory discussions. I was also impressed by the warm welcome received from iCED. Keep up the excellent work organizing relevant workshops and providing a platform to get and share knowledge."

Ms. Ramona Bortnowschi
Principal Manager, Sustainable use
of Natural Resources Directorate,
European Court of Auditors
February-2023

"The stay at campus was excellent. The campus is very pleasant, the accommodation was comfortable and the staff is very attentive."

Mr Rafael Lopes Torres
SAI Brazil
February-2023

“The topics were very well presented with lot of insights and capacity development on the overview of Multidimensional Aspects of Blue Economy. Greatly appreciated and blessed to be part of this wealth of knowledge transmissions.”

Mr Lote Rokoli Naicavu
SAI Fiji
July-2023

“It was a very good webinar, you gave us important examples and many tools that can be implemented.”

Mr. Roberto Ezquivel
SAI Mexico
July-2023

“The Seminar was awesome and the learning experience and material to be used in adding value to SAI Bahamas in the delivery of quality level audits.”

Ms. Brenda Neeley,
SAI Bahamas
September-2023

“When I supported the coordinated audit of protected areas in 2014 and 2021, SGD 14 and 15 were enforced as explained in the TCU presentation. However, what I received in this webinar, reinforces the work in performance auditing related to Sustainable Development.”

Ms. Jéssica Rodríguez Guillén
SAI Peru
September-2023

“It was well managed seminar, very good. Keep it up.”

Mr Loknath Ghimire
SAI Nepal
September-2023

“Very good achievement of India in utilizing Renewable energy resources, Congratulations. I hope SAI India is oversighting and reporting on its efficiency and effectiveness timely”.

Mr Shasho Mekonnen
SAI Ethiopia
February-2024

“Thank you very much for the elaborate presentation”.

Mrs Banda Zulu Charity
SAI Zambia
February-2024

“The workshop is very useful and contains new ideas. Thank you very much for the opportunity to participate”.

Mr. Emad Thabet Selides,
SAI Egypt
February-2024

“The existence of Global and National Indicator Frameworks is of great help in gauging and identifying focused audit areas.”

Mr. Janno Louie Ceasar Luzon,
SAI Philippines
September-2023



Contact us:

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