



**CSIR India for Connect, Collaborate, Converge and Convert (5C)
for Global Sustainable Development**
Science Summit at the 81st United Nation General Assembly (SSUNGA81)
Date: 15-21 September 2026; Time: 1430-1630 hrs (IST)



**Council of Scientific and Industrial Research (CSIR) India's Event at SS UNGA81
“CSIR India for Connect, Collaborate, Converge and Convert (5C)
for Global Sustainable Development”**

Dates: 15-21 September 2026; Time: 1430-1630 hrs (IST) / 0500-0700 hrs (EDT)

Register: <https://sciencesummitnyc.org/science-summit-2026/>

Date	Title of Session
15 September 2026	Innovative Technologies for Sustainable Infrastructure
16 September 2026	Science Policy and Communication in an Era of Global Challenges: From Boundaries to Breakthroughs
17 September 2026	Sustainable Materials and Processes from Marine Resources
18 September 2026	Energy Efficiency in Buildings
21 September 2026	Science for a Regenerative Planet: Nature-Based Solutions for Ecosystem Restoration and Climate Resilience

Day 1 - Inaugural Session of CSIR event “CSIR India for Connect, Collaborate, Converge and Convert (5C) for Global Sustainable Development”

Time: 1430 - 1440 hrs (IST) / 0500 - 0510 hrs (EDT)

Link: <https://event.sciencesummitnyc.org/list-of-sessions/detail/495>

Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
	Inaugural Session	Introduction to the meeting and welcome remarks <i>Dr Rama Swami Bansal, Head, ISTAD, CSIR</i>	1430

Day 1 – CSIR's Technical Session - 1

**“Innovative Technologies for Sustainable Infrastructure”
by CSIR-Structural Engineering Research Centre (CSIR-SERC)**

Date: 15 September 2026; Time: 1440 - 1630 hrs (IST) / 0510 - 0700 hrs (EDT)

Session Link: <https://event.sciencesummitnyc.org/list-of-sessions/detail/495>

Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
Scientific Session: 1440 hrs - 1630 hrs (IST) Focused on SDG 9 – Industry, innovation & infrastructure and SDG 11 – Sustainable cities & communities			
Overview of the Session		Chair: <i>Dr N Anandavalli, Director, CSIR-SERC</i>	1440
1.	Innovative Technologies for Sustainable Infrastructure	1. Materials and technologies for sustainable development <i>Dr Prabhat Ranjan Prem, Scientist F, CSIR-SERC</i>	1455
		2. Structural health assessment of infrastructure <i>Dr (Ing) Saptarshi Sasmal, Scientist G, CSIR-SERC</i>	1505
		3. Rejuvenation of structures <i>Dr A Kanchanadevi, Scientist F, CSIR-SERC</i>	1515
		4. Technologies for engineering of structures towards disaster mitigation <i>Dr C Bharathi Priya, Scientist F, CSIR-SERC</i>	1525
		5. Energy Infrastructure (conventional and renewable) <i>Dr M Keerthana, Scientist E, CSIR-SERC</i>	1535



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	6. Industry perspective	1545
	Discussion and Q&A	1600
	Vote of Thanks	1625

Day 2 – CSIR's Technical Session - 2

**“Science Policy and Communication in an Era of Global Challenges:
From Boundaries to Breakthroughs”**

by CSIR-National Institute of Science Communication and Policy Research (CSIR-NIScPR)

Date: 16 September 2026; Time: 1430 - 1630 hrs (IST) / 0500 - 0700 hrs (EDT)

Session Link: <https://event.sciencesummitnyc.org/list-of-sessions/detail/497>

Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
Inaugural Session		Welcome address and opening remarks <i>Dr Naresh Kumar, Scientist G, CSIR-NIScPR</i>	1430
		Overview of the session <i>Dr Kasturi Mandal, Scientist F, CSIR-NIScPR</i>	1445
Scientific Session: 1455 hrs - 1700 hrs Focused on SDG 8 – Decent work & economic growth; SDG 10 – Reduced inequality; SDG 16 – Peace, justice & strong institutions; and SDG 17 – Partnerships for the goals			
Overview of the Scientific Session		Chair: <i>Dr Geetha Vani Rayasam, Director, CSIR-NIScPR</i>	1455
1.	Breaking Boundaries, Building Bridges: Science Communication and Policy for Sustainable and Inclusive Futures	1. Measuring what matters: How a structured TRL framework can de-risk deep tech investment in the Global South <i>Dr Rohit Gupta, Office of the Principal Scientific Adviser to the Government of India</i>	1510
		2. Democratising the path from evidence to action through institutional and diamond open access publishing <i>Dr Joanna Ball, Director, Directory of Open Access Journals (DOAJ)</i>	1525
		3. Foresight for a Viksit Bharat: Anticipating emerging technologies, societal needs and policy priorities <i>Dr Avinash Kshitij, Scientist F, CSIR-NIScPR</i>	1540
		4. Beyond citations: Mapping global capabilities for scientific breakthroughs <i>Dr Vinayak, Scientist E, CSIR-NIScPR</i>	1555
		5. Beyond boundaries: Towards inclusive science communication <i>Dr Parmananda Barman, Scientist D, CSIR-NIScPR</i>	1610
		6. Technology-led development transformation in India and learnings for the Global South <i>Dr Amit Kumar, Assistant Professor, Research and Information System for Developing Countries, India</i>	1625
Discussion and Q&A			1640
Vote of Thanks: Dr Kasturi Mandal, Scientist F, CSIR-NIScPR			1645



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Day 3 – CSIR’s Technical Session - 3

**“Sustainable Materials and Processes from Marine Resources”
by CSIR-Central Salt & Marine Chemicals Research Institute (CSIR-CSMCRI)**

Date: 17 September 2026; Time: 1430 - 1630 hrs (IST) / 0500 - 0700 hrs (EDT)

Session Link: <https://event.sciencesummitnyc.org/list-of-sessions/detail/501>

Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
	Inaugural Session	Welcome and introductory remarks <i>Dr Mangal S Rathore, Scientist F, CSIR-CSMCRI</i>	1430
		Overview of the session <i>Dr Arup Ghosh, Director, CSIR-CSMCRI</i>	1435
Technical Session: 1445 hrs - 1715 hrs Focused on SDG 6 – Clean water & sanitation; SDG 12 – Responsible consumption & production; and SDG 14 – Life below water			
1.	Sustainable Materials and Processes from Marine Resources	Chair: <i>Dr Arup Ghosh, Director, CSIR-CSMCRI</i>	
		1. Research and technical competency of CSIR-Central Salt & Marine Chemicals Research Institute <i>Dr Kamalesh Prasad, Scientist G & Head BDIM, CSIR-CSMCRI</i>	1445
		2. Seawater electrolysis for sustainable development: Coupling Green Hydrogen production with wastewater remediation <i>Dr Divesh N Srivastava, Scientist, CSIR-CSMCRI</i>	1500
		3. Innovative membrane solution as sustainable option for Water needs of India and beyond <i>Dr Puyam Singh, Scientist G, CSIR-CSMCRI</i>	1515
		4. Uniqflux – Indigenous membrane technology for India's Water security <i>Mr Vikram Karunakaram, Designated Partner, Uniqflux Membranes LLP, India</i>	1530
		5. Biomass processing - Possible impact and need for India and the World <i>Mr Anoop Singh, President – Special Projects, DCM Shriram, India</i>	1543
Discussion and Q&A			1555
Concluding remarks – <i>Dr Arup Ghosh, Director, CSIR-CSMCRI</i>			1605
Vote of Thanks – <i>Dr S Adimurthy, Scientist G, CSIR-CSMCRI</i>			1610

Day 4 – CSIR’s Technical Session - 4

“Energy Efficiency in Buildings”

by CSIR-Central Building Research Institute (CSIR-CBRI)

Date: 18 September 2026; Time: 1430 - 1630 hrs (IST) / 0500 - 0700 hrs (EDT)

Session Link: <https://event.sciencesummitnyc.org/list-of-sessions/detail/496>

Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
Focused on SDG 9 – Industry, innovation & infrastructure; and SDG 11 – Sustainable cities & communities			
	Overview of the Session	Chair: <i>Prof R Pradeep Kumar, Director, CSIR-CBRI</i>	1430
1.	Energy Efficiency in Buildings	1. Net positive buildings: The role of passive design and energy optimization <i>Dr Kishor Sitaram Kulkarni, Scientist E, CSIR-CBRI</i>	1445



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		2. Transforming buildings with renewable energy for net zero energy buildings <i>Dr Chandan Swaroop Meena, Scientist E, CSIR-CBRI</i>	1505
		3. Towards energy-efficient, net-zero, and climate-resilient buildings through hybrid passive cooling <i>Dr Veena Chaudhary, Scientist D, CSIR-CBRI</i>	1515
		4. Energy efficient traditional architecture in India <i>Ar. Anup Kumar Prasad, Scientist C, CSIR-CRRI</i>	1525
		5. Phase change materials for energy efficiency in buildings its application in cementitious materials <i>Dr Srinivasa Rao Naik B, Scientist E, CSIR-CBRI</i>	1535
		6. Energy efficiency design principles for Green buildings <i>Dr Nagesh Babu Balam, Scientist F, CSIR-CBRI</i>	1545
Discussion and Q&A			1620

Day 5 – CSIR's Technical Session - 5

“Science for a Regenerative Planet: Nature-Based Solutions for Ecosystem Restoration and Climate Resilience”

by CSIR-National Environmental Engineering Research Institute (CSIR-NEERI)
(with CSIR-IHBT, CSIR-AMPRI, CSIR-CFTRI, CSIR-NBRI and CSIR-NIDSA)

Date: 21 September 2026; Time: 1430 - 1620 hrs (IST) / 0500 - 0650 hrs (EDT)

Session Link: <https://event.sciencesummitnyc.org/list-of-sessions/detail/500>

S. No.	Theme/Title	Topic & Speaker	Time, hrs
Opening Remarks		Chair: <i>Dr S Venkata Mohan, Director, CSIR-NEERI</i>	1430
Scientific Session: 1440 hrs - 1620 hrs (IST) Focused on SDG 2 – Zero hunger; SDG 7 – Affordable & clean energy; SDG 11 – Sustainable cities & communities; SDG 13 – Climate action; and SDG 15 – Life on land			
Overview of the Session		<i>Dr Amit Bansiwala, Scientist G, CSIR-NEERI</i>	1435
1.	Science to Solutions	1. Restoring ecosystems through Nature-based solutions <i>Dr Shalini Dhyani, Scientist E, CSIR-NEERI</i>	1440
		2. Mountain ecosystems, restoration, bioeconomy and community resilience <i>Dr Sudesh Kumar Yadav, Director, CSIR-IHBT</i>	1450
		3. Advanced Green materials for circular and Low-carbon development <i>Dr P Asokan, Scientist G, CSIR-AMPRI</i>	1500
		4. Building resilient food security under a changing climate <i>Dr Pradeep Singh Negi, Scientist G, CSIR-CFTRI</i>	1510
		5. Restoring urban riparian corridors: Linking spatial Data, field ecology and biodiversity-based solutions <i>Dr Dibyendu Adhikari, Scientist F, CSIR-NBRI</i>	1520
		6. Digital science for planetary sustainability <i>Dr Krushna Chandra Gouda, Scientist F, CSIR-NIDSA</i>	1530



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2.	Panel Discussion on Nature Positive Futures	Moderator: <i>Dr S Venkata Mohan, Director, CSIR-NEERI</i> Panel experts: <i>Dr Thallada Bhaskar, Director, CSIR-AMPRI</i> <i>Dr Giridhar Parvatam, Director, CSIR-CFTRI</i> <i>Dr Zabeer Ahmed, Director, CSIR-NBRI</i> <i>Dr Sudesh Kumar Yadav, Director, CSIR-IHBT</i> <i>Dr Gopal Krishna Patra, Director, CSIR-NIDSA</i>	1540
Discussion and Q&A			1605

Concluding of CSIR Sessions at the SSUNGA81 Time: 1610 hrs to 1630 hrs (IST)			
Sl. No.	Theme/Title	Topic & Speaker	Time, hrs
Concluding Session		Wrap-up and way forward <i>Dr Rama Swami Bansal, Head, ISTAD, CSIR</i>	1610
		Concluding remarks <i>Dr N Kalaiselvi, Director General, CSIR and Secretary, DSIR</i>	1618
		Vote of thanks <i>Dr Yatendra K Satija, Scientist D, ISTAD, CSIR</i>	1628