

Conference on
**Sustainable Infrastructure through
Geosynthetics : Reducing
Carbon Footprint**

11th - 12th September 2025, at CBIP, New Delhi



Organised by



Central Board of Irrigation
& Power



ANNOUNCEMENT

As the world moves toward climate-resilient and low-carbon development, infrastructure must evolve to meet sustainability goals. Geosynthetics, versatile, high-performance synthetic materials are playing a transformative role in building longer-lasting, environmentally sustainable, and cost-effective infrastructure.

This two-day conference aims to bring together engineers, researchers, policymakers, contractors, and industry stakeholders to explore how geosynthetics can significantly reduce the environmental impact of construction. With a special focus on reducing carbon footprint, the event will showcase innovative applications, life-cycle assessments, and real-world case studies that are redefining sustainable infrastructure globally.

TOPICS

Topics may include but are not limited to:

- Ground improvement using geosynthetics
- Carbon accounting and LCA of geosynthetic applications
- Geosynthetics in transportation, environmental, and hydraulic infrastructure
- Use of recyclable or biodegradable geosynthetics
- Cost-benefit and performance analysis of sustainable alternatives
- Innovative materials and digital technologies in geosynthetics
- Regulatory frameworks and global best practices

WHY ATTEND?

Join industry leaders, innovators and policy experts at the Conference on Sustainable Infrastructure through Geosynthetics: Reducing Carbon Footprint to gain cutting-edge insights into how geosynthetics are transforming modern construction with sustainability at the core. This two-day event offers a unique platform to:

- Discover innovative and eco-friendly applications of geosynthetics in infrastructure.
- Learn about carbon accounting, life-cycle assessments and sustainable material choices.
- Engage with real-world case studies demonstrating cost-effective, low-carbon solutions.
- Network with top professionals across engineering, research, government and industry.
- Stay Ahead of evolving standards, policies, and regulatory frameworks supporting green infrastructure.
- Explore the latest advancements in digital tools, recyclable materials and performance analytics.

Whether you're seeking technical knowledge, strategic partnerships, or policy alignment, this conference delivers valuable takeaways for professionals at all levels of infrastructure development.

WHO SHOULD ATTEND?

This conference is ideal for professionals and organizations involved in sustainable infrastructure development, particularly those using or evaluating geosynthetic technologies:

- Civil & Geotechnical Engineers
- Infrastructure Developers & EPC Contractors
- Environmental Consultants
- Urban Planners and Sustainability Officers
- Researchers and Academics in Geosynthetics and Materials Science
- Government Officials and Policymakers
- Geosynthetic Manufacturers & Suppliers
- Transport, Water Resources, and Municipal Authorities
- Regulatory Bodies and Standards Agencies
- Investors and Project Finance Specialists focusing on Green Infrastructure

KEY TAKEAWAYS FOR PARTICIPANTS

By attending this two-day conference, participants will:

- Understand the Role of Geosynthetics in enabling low-carbon, sustainable infrastructure across sectors like transportation, environmental engineering, and water resources.
- Gain Insights into Carbon Accounting and Life-Cycle Assessment (LCA) of geosynthetic materials and compare their environmental impact with conventional alternatives.

- Explore Innovative Materials and Digital Technologies driving the future of sustainable geosynthetic applications.
- Learn from Real-World Case Studies that showcase successful implementation of geosynthetics in reducing environmental footprint and improving project efficiency.
- Stay Informed on Global Best Practices and Emerging Standards in geosynthetics use and sustainable infrastructure design.
- Connect with Experts, Industry Leaders, and Policymakers shaping the future of green infrastructure development.
- Identify Cost-Effective, High-Performance Solutions to meet both technical and sustainability goals in infrastructure projects.
- Discover Opportunities for Collaboration, Investment and Innovation in a rapidly growing sector of sustainable construction.

CALL FOR PAPERS

We invite researchers, engineers, industry experts and practitioners to submit technical papers, case studies, for presentation at the conference

Paper on the topics proposed and allied topics are invited. Intending authors may send the full text of their abstract, as per the guidelines given below. The last date for the receipt of the abstract is **25th August 2025**.

The Paper will be reviewed by the Technical Committee to assess its suitability for presentations. The paper accepted for presentation will be notified by **5th September 2025**. A condition of acceptance of the case studies will be that the author, or one of the authors in case of multiple authors, will attend the Conference and make the presentation.

The abstract shall contain:

- A descriptive, but brief title • title, name(s) and affiliation of the author(s)
- Address for correspondence (including fax numbers and e-mail addresses)
- Detailed information about the objective, methods, results and conclusion, to enable a correct appraisal of the suitability of the proposed abstract for the Conference.
- References at the end, with due reference in the text

The full text of the papers, not exceeding 08 pages of A4 size, in single space and 10 Point Normal Times Roman Font, both in MS Word and PDF, need to be sent through e-mail only at **contact@geosyntheticsindia.org**

DATES & VENUE

The date for the event is 11-12 September 2025, at CBIP, New Delhi

OFFICIAL LANGUAGE

The official language for the event is English.

REGISTRATION FEE

- The registration fee for members of IGS-India, CBIP and ISRM is Rs. 5000/- per participant
- For non-members the registration fees is Rs. 6000/- per participant
- 50% discount in the fee will be applicable for Young Participants (up to 35 years of age)
- The Speakers will be exempted from Payment of Registration Fee.

The registration fee includes a registration kit, working lunch, tea/coffee during the event only. The participants will have make their own arrangements for boarding and lodging, transport etc. Registration fee once paid will not be refunded.

Spot registration facility will also be available provided prior Information is received.

PAYMENTS

The payment related to the event is to be remitted either through cheque in favour of IGS or through bank transfer to the following account:

All payments shall be made by Bank draft/cheque payable at par at New Delhi in favour of the "The Comm for the IGS". The payments can also be arranged by bank transfer as per details given below:

- Bank : Canara Bank
- Branch Name and Address : Delhi Diplomatic Enclave, 7/48, Malcha Marg, Chanakyapuri, New Delhi 21
- Account No. 0157101031508 • MICR Code No. 110015007
- Account Holder Name: THE COMM FOR THE IGS
- IFSC Code: CNRB0000157 • Swift Code: CNRBINBDFS



Bank charges if any, must be borne by the participants and should not be deducted from the amount remitted.

OPPORTUNITIES FOR SPONSORSHIP

Exhibition pavilions are available at the following rate:

Platinum Sponsor : Rs. 3,00,000/-	Gold Sponsor : Rs. 2,00,000/-	Silver sponsor : Rs. 1,00,000/-
<ul style="list-style-type: none">• 10 delegate passes for participation in the conference• Company logo on main banner• Circulation of Company Literature• Announcement - Thanking sponsor• Speaking Opportunity• Table Space to display• Invitation to the key person of the organisation as special invitee.• Complimentary Advertisement in the Key Journal Published immediately after the event covering report of the event.• One year complementary Institutional membership of IGS to Platinum sponsor besides other privileges	<ul style="list-style-type: none">• 05 delegate passes for participation in the conference• Company logo on main banner• Circulation of Company Literature• Announcement -Thanking sponsor• Speaking Opportunity• Table Space to display• Invitation to the key person of the organisation as special invitee.• Complimentary Advertisement in the Key Journal Published immediately after the event covering report of the event	<ul style="list-style-type: none">• 03 delegate passes for participation• Company logo on main Banner• Announcement - Thanking sponsor• Circulation of Company Literature

SECRETARIAT

All correspondence relating to the event should be addressed to:

Shri A.K. Dinkar, Secretary, CBIP, and Member Secretary, IGS - Email : secretary@cbip.org

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C/o CBIP, Plot No. 4, Institutional Area, Malcha Marg, Chanakyapuri, New Delhi-110 021

Phone: 91-11-26115984 / 26116567; Website: www.geosyntheticsindia.org

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Conference on

Sustainable Infrastructure through Geosynthetics : Reducing Carbon Footprint

**11th - 12th September 2025, at CBIP, New Delhi
(Thursday & Friday)**

REGISTRATION FORM

(To be filled in block letters preferably typed)

1. Name _____
(First Name) (Middle Name) (Surname)
2. Position _____
3. Organization _____
- Address _____
5. City _____ PIN _____
6. Mobile No. _____
7. E-mail ID _____
8. Bank Draft No./ Online Bank Transaction ID _____ dated _____
_____ for Rs. _____ is enclosed.
9. I intend to participate in the deliberations of the Conference.

Place: _____

Date : _____

(Signature)

SECRETARIAT

CBIP, Plot No. 4, Institutional Area, Malcha Marg, Chanakyapuri, New Delhi-110 021
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