

*Workshop on*

# *Carbon footprint and sustainability evaluation for transportation infrastructure using Geosynthetics*



*Venue: CRRI Delhi*

*Date: 1<sup>st</sup> & 2<sup>nd</sup> December 2025*

*Organized By*



*In Association with*



## OVERVIEW

The Workshop on Carbon Footprint and Sustainability Evaluation for Transportation Infrastructure using geosynthetics serves as an important forum for professionals, researchers, and practitioners in the field of civil engineering to explore innovative methods and tools for assessing environmental performance in infrastructure projects. The workshop will focus on the use of geosynthetic materials to enhance sustainability, with special emphasis on carbon footprint evaluation, life-cycle assessment, and the application of carbon footprint calculators for quantifying and mitigating greenhouse gas emissions in transportation infrastructure.

The Workshop is being organized by the Indian Chapter of the International Geosynthetics Society in association with the Central Road Research Institute and Central Board of Irrigation and Power.

## ABOUT THE INTERNATIONAL GEOSYNTHETICS SOCIETY (INDIA)

In the year 1985, Central Board of Irrigation and Power, (CBIP) as part of its technology forecasting activities identified geosynthetics as an important area relevant to India's need for infrastructure development, including roads. After approval of IGS Council for the formation of Indian Chapter in October 1988, the Indian Chapter of IGS was got registered under Societies Registration Act 1860 of India in June 1992 as the Committee for International Geotextile Society (India), with its Secretariat at Central Board of Irrigation and Power. The Chapter has since been renamed as International Geosynthetics Society (India), in view of the parent body having changed its name from International Geotextiles Society to International Geosynthetics Society.

The main objectives and purposes of the Society are:

- To collect and disseminate knowledge on all matters relevant to geotextiles, geomembranes and related products, e.g. by promoting seminars, conferences etc.;
- To promote advancement of the state-of-the-art of geotextiles, geomembranes and related products and of their applications, e.g. by encouraging, through its members, the harmonization of test methods, equipment and criteria; and
- To improve communication and understanding regarding such products, e.g. between designers, manufacturers and users and especially between the textile and civil engineering communities.

## KEY THEMES

The workshop covers the following themes:

- (i) Evaluation of carbon footprint in roadway construction
- (ii) Application of geosynthetics for reducing greenhouse gas emissions
- (iii) Use of carbon footprint calculators and life-cycle assessment tools
- (iv) Optimization of material use and resource efficiency through geosynthetics.

## WORKSHOP FORMAT:

The workshop will feature keynote presentations, technical sessions, panel discussions, and interactive sessions, providing ample opportunities for knowledge sharing, networking, and collaboration among participants.

## WHO SHOULD ATTEND?

- Researchers and Academics
- Engineers and Practitioners
- Industry Professionals
- Government Officials and Policymakers
- Students and Young Professionals

## CALL FOR PAPERS

The experts, researchers, engineers, and industry professionals are invited to contribute papers/ presentations on the topics and share their knowledge, experiences, and groundbreaking research to enrich the discourse and drive advancements in this field.

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](mailto:contact@geosyntheticsindia.org)

## DATES AND VENUE

The Workshop will be held during 1st & 2nd Dec 2025, Auditorium of CRRI Delhi.

## OFFICIAL LANGUAGE

The official language for the event is English.

## REGISTRATION FEE\*

Members of CBIP / IGS / ISRM	INR 5,000/-
Others	INR 6,000/-
Academic / Research Institutes	INR 4,000/-
Students	INR 2,000/-

\*GST 18% extra

The registration fee includes a registration kit, working lunch, tea/coffee during the event only. The participants will have to 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: CNRBINBBDFS



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:

Category	Amount	Benefits
<b>Sponsor</b>	INR 2,00,000.00	<ul style="list-style-type: none"> <li>• Complimentary registration of up to five representatives</li> <li>• Distribution of promotion literature among the participants through the registration kit</li> <li>• Table top display of products/services</li> <li>• Company name and logo on Information Bulletin, banners, etc.</li> </ul>
<b>Co-Sponsor</b>	INR 1,00,000.00	<ul style="list-style-type: none"> <li>• Complimentary registration of up to three representatives</li> <li>• Distribution of promotion literature among the participants through the registration kit</li> <li>• Company name and logo on Information Bulletin, banners, etc.</li> </ul>
<b>Supporter</b>	INR 50,000.00	<ul style="list-style-type: none"> <li>• Complimentary registration of up to two representatives</li> <li>• Company name and logo on Information Bulletin, banners, etc.</li> </ul>

\*GST 18% extra

## 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.in](mailto:secretary@cbip.org.in)

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**Conference on**  
**Carbon footprint and Sustainability**  
**Evaluation for Transportation Infrastructure**  
**using Geosynthetics**

**1<sup>st</sup> - 2<sup>nd</sup> December 2025, CRRI, New Delhi (Monday & Tuesday)**

**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. \_\_\_\_\_ E-mail ID \_\_\_\_\_
7. Bank Draft No./ Online Bank Transaction ID \_\_\_\_\_ dated \_\_\_\_\_  
for Rs. \_\_\_\_\_ is enclosed.
8. 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 Phone: 91-11-26115984 / 26116567

**ORGANISING COMMITTEE**

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