



Confederation of Indian Industry

**2<sup>nd</sup> Global Geosynthetics Summit**  
**'Enhancing Application in Infrastructure Sector'**  
**19-20 May 2016, Hotel Shangri La, Ashoka Road New Delhi**

**Programme (as on 10 May 2016): Day I**

**0900 – 1000 hrs: Registration**

**1000 – 1145 hrs**  
***Inaugural Session***

*Infrastructure development in an environment-friendly and sustainable manner is the need of the hour so that it can reduce the life-cycle cost and reduce the time taken for executing projects without compromising on quality. Geosynthetics have demonstrated successful applications across the globe in the areas of roads and pavement stabilization, embankment protection, ground/ track bed stabilization, etc. The recommendations of the summit would encourage usage of innovative technologies for infrastructure application.*

1000 – 1005 hrs	<i>Welcome Address</i>	<b>Punit Lalbhai</b> Summit Chair and Executive Director Arvind Ltd
1005-1015 hrs	<i>Address</i>	<b>Brian Schou Nielsen</b> Director Fibertex Private Limited
1015 – 1025 hrs	<i>Address</i>	<b>V K Gupta*</b> Member Engineering -Railway Board Ministry of Railways Government of India
1025 – 1040 hrs	<i>Address</i>	<b>Anand Kumar, IAS</b> Managing Director NHIDCL Ministry of Road Transport and Highways Government of India
1040 - 1055 hrs	<i>Address</i>	<b>Rashmi Verma, IAS</b> Secretary Ministry of Textiles Government of India
1055 – 1115 hrs	<i>Special Address</i>	<b>Santosh Kumar Gangwar*</b> Hon'ble Minister of State (IC) Ministry of Textiles Government of India
1115 – 1135 hrs	<i>Inaugural Address</i>	<b>Nitin Jairam Gadkari*</b> Hon'ble Minister Road Transport & Highways and Shipping Government of India
1135 – 1140 hrs	<i>Vote of Thanks</i>	<b>Vikramjiet Roy</b> Managing Director Maccaferri India
1140 – 1215 hrs	<b><i>Inauguration of Exposition and Tea Break</i></b>	



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**Plenary I: 'Geosynthetics for Road and Bridges': 1215 – 1400 hrs**

*The objective of this session is to take a stock of existing guidelines, codal provisions and accreditation processes for adopting Geosynthetics for Roads and Bridges. The session is designed to have key stakeholders at a single platform to deliberate on mechanisms for encouraging Geosynthetics as an innovative solution for Road construction.*

1215-1225 hrs	<i>Welcome &amp; Introductory Remarks</i>	<b>S N Das</b> Director General and Special Secretary Ministry of Road Transport & Highways Government of India
1225-1245 hrs	<i>Geosynthetics in Highways</i>	<b>Sudhir Mathur</b> Head- Geotechnical Engineering Division Central Road Research Institute
1245-1305 hrs	<i>Global benchmarking: Adopting Geosynthetics</i>	<b>Dr K Rajagopal</b> Professor- Civil Engineering Department Indian Institute of Technology Madras
1305-1325 hrs	<i>International Practices in Road Making</i>	<b>Pietro Rimoldi</b> Geosynthetics Specialist Maccaferri Group
1325-1345 hrs	<i>Action Plan for incorporating geotextile/geosynthetics design procedures in IRC manual.</i>	<b>Sajjan Singh Nahar, IES*</b> Secretary General Indian Road Congress
1345-1355 hrs	<b>Question &amp; Answer</b>	
1355– 1400 hrs	<i>Concluding Address</i>	<b>S N Das</b>
1400- 1500 hrs	<b>Networking Lunch</b>	



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**Plenary II: 'Geosynthetics for Railway Application': 1500- 1645 hrs**

*Railway ballast and subsoil are critical for Railways as they are subjected to heavy cyclic stresses over long durations and traction loads. With good material getting scarcer and quarrying restrictions, Geosynthetics can play an important role. This session would enlighten on how Geosynthetics can be possible solution in catering to the new demands of higher loads and higher speed.*

1500-1510 hrs	<i>Welcome &amp; Introductory Remarks</i>	<b>V K Gupta*</b> Member Engineering -Railway Board Ministry of Railways Government of India
1510-1530 hrs	<i>Scope of Geosynthetics in Railway Formations</i>	<b>M Madhav</b> Prof. Emeritus Jawaharlal Nehru Technical University Hyderabad
1530-1550 hrs	<i>Geosynthetics Technologies to be adopted for stabilization of slopes</i>	<b>Pietro Rimoldi</b> Geosynthetics Specialist Maccaferri Group
1550-1610 hrs	<i>Dedicated Freight Corridor- Opportunities and challenges</i>	<b>S Adesh Sharma*</b> Managing Director Dedicated Freight Corridor Corporation of India Limited
1610-1630 hrs	<i>Geosynthetics / Geocell for rail network – Case Study</i>	<b>Miki Graski</b> Managing Director Coral Group
1630-1640 hrs	<b>Question &amp; Answer</b>	
1640– 1645 hrs	<i>Concluding Address</i>	<b>V K Gupta*</b>



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**Day II: 'Geosynthetics for Coastal/Riverbed Application': 1000-1145 hrs**

*Various coastlines of India are subjected to coastal erosion and floods are a recurring phenomenon in various parts of India. Flood management and control rely heavily on geotextile tubes, containers and bags. Geosynthetics have been found to perform better than concrete as water protection because of permeability, flexibility and ease of underwater placement. This session will highlight various application areas, international practices and mechanisms for encouraging larger usage.*

1000-1010 hrs	<i>Welcome &amp; Introductory Remarks</i>	<b>G S Jha</b> Chairman Central Water Commission
1010-1030 hrs	<i>Innovative coastal protection measures using Geo-synthetic materials</i>	<b>M D Kudale</b> Additional Director- Coastal Engineering Central Water and Power Research Station Ministry of Water Resources, River Development and Ganga Rejuvenation Government of India
1030-1040 hrs	Geosynthetics for Coastal Application- Case Study	<b>Tiru Kulkarni</b> Vice President Garware Wall Ropes Ltd
1040-1100 hrs	Geosynthetics for Coastal Application	<b>V Sundar</b> Professor Ocean Department IIT Madras
1100-1120 hrs	<i>Advancements of river stabilization along the Brahmaputra River</i>	<b>Knut Oberhagemann</b> Principal- Rivers and Geosystems Northwest Hydraulic Consultants
1120-1130 hrs	<i>International Applications for Coastal Protection</i>	<b>Mirko Zisa</b> Business Head Costruzioni Meccaniche Luigi Bandera
1130- 1140 hrs	<i>Questions and Answers</i>	
1140-1145 hrs	<i>Concluding Remarks</i>	<b>G S Jha</b>
1145-1200 hrs	<b>Tea Break</b>	



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**Plenary IV: 'Panel Discussion on Geosynthetics: Way Ahead and Closing Session': 1200-1330 hrs**

*This session is designed to have a forward looking dialogue amongst various stakeholders in Road and Railway sector to deliberate on need for unification of codes on Geosynthetics for Specific Applications. This session would also recommend on scope for new geosynthetic products to be used.*

<b>1200-1210 hrs</b>	<i>Welcome &amp; Introductory Remarks by Session Moderator</i>	<b>Dr Anand Katti</b> Professor Civil Engineering & Managing Director Nagar Yuwak Shikshan Sanstha
<b>1210-1315 hrs</b>	<b>U K Guru Vittal</b> Sr. Principal Scientist Central Road Research Institute	<b>Vikramjiet Roy</b> Managing Director Maccaferri Environmental Solutions Private Limited
	<b>Shahrokh Bagli</b> Chief Technical Officer Strata Geosystems (India) Pvt Ltd.	<b>Brijesh Kumar*</b> Executive Director Research Design and Standards Organization
	<b>Dr Jagdish Telangrao Shahu</b> Professor- Civil Engineering Department Indian Institute of Technology Delhi	
<b>1315-1325 hrs</b>	<b>Question &amp; Answer</b>	
<b>1325-1330 hrs</b>	<b>Concluding Address</b>	<b>Dr Anand Katti</b>
<b>1330 hrs</b>	<b>Networking Lunch</b>	

\* Awaiting Confirmation