

Environment Protection in Building Industry
Nagpur January 9-10, 2009

Technical Session – I : Environment Impact Assessment and Resource Management

1. Can Building Industry Contribute to Reduction in Carbon Emissions?
Subir Paul
2. Environmental Impact Assessment
Archana Bohra Gupta & Manumanish Gupta
3. Sustainable Building – a Case Study at Tarumitra Bio-reserve
Sangeeta Kumari
4. Environmental Impact Assessment of Building Construction: An Overview
V. Srinivasan, S.K. Negi & R.D. Singh
5. EIA as Tool for Sustainable Built Environment
Ranndil Sher Jatinder Singh & Amolak Singh
6. Management of Construction Waste
Brig. T.S. Sidana & Lt. Col. P. Nallathambli
7. Use of Polymers in Buildings
M. P. Prashant
8. Environment Protection in Building Industry
Dr. Preeti Saxena
9. Environmental Impact Assessment for New Buildings
Sunil Mathur
10. Environmental Management of Urban Housing – A Case Study
Dr. R.K. Khitoliya
11. Preventing Environment Deterioration of a Planned City - Chandigarh
Anu Sikka & Gopal K. Johari
12. Solid Waste Management Case Study - Delhi
Gursharan Jeet Kaur

Technical Session – II : Environment, Health and Safety Issues

13. Environment and Safety Issues in Construction Industry
Dr. Indrasen Singh
14. Effectiveness of Safety Training Programme in Construction Industry
S.V.S Raja Prasad
15. Sources of Indoor Air Pollution from Organic Compounds and Control Measures
Dr. S. Raghavan
16. Role of tree Shading in reducing solar heat flux into the buildings
Dr. B.M. Suman & R.K. Srivastava
17. Environmental Management of Water
Patel Kiranben V.
18. Protection Against Natural Hazards i.e. Seismic Forces
Mahesh Kumar
19. Meteorological Considerations in Environmental Protection of Construction Projects
Dr. B. Padmanabhamurty
20. Rainwater Harvesting in Railway Stations
G. Satyalaxmi Naidu, A.D. Shirodkar & S.R. Asati
21. Environmental Aspects of Drinking Water for Urban Jaisalmer
A.K.S. Bhadauria, V.K. Vijay & Rajendra Prasad
22. Environment Protection of Underground Water
B.N. Moolchandani
23. Water Conservation through Rainwater Harvesting
Dr. Bihari Singh, Neeraj Kumar & Aswani Kumar
24. Seismic Risk Management
R.N. Yadav

Technical Session – III : Energy Conservation And Green Buildings

25. Energy Conservation in Buildings
K.K. Kapila & Deepak Narayan
26. The Architecture of Zero-Fossil Energy Design
A.K. Jain
27. Energy Conservation and Occupational Health
Rajiv Yadav & Dr. K.M. Soni
28. Energy Sensitized Architecture in India
Monalisa & Dr. Pushplata
29. Environmental Protection through Green Building Philosophy
Gurudev Singh
30. Green and Intelligent Buildings: The need of hour
Lt. Col. Virendra Kr. Malik
31. Energy Optimization through Open-Industrialised Building System
Uttam K. Roy, Dr. Madhumita Roy & Subir Saha
32. Energy Optimization for Tall Buildings in Hill Regions
Dr. Pushplata, Ashwani Kumar & Abhishek Sinha
33. Achieving Energy Efficiency in Buildings through Innovative Design Solutions
J.K. Gupta & Navdeep Viridi
34. Passive Architecture for Environment Control
Brig. CBL Sahel
35. Energy Conservation Measures for Lighting and Ventilation in Buildings
V.K. Sharma & Shree Kumar
36. Zero Energy Buildings: An Approach Towards Energy Efficient Built Environment
Shailendra Kumar Mandal
37. Developing a Green Campus for Reduction in Adverse Environmental Impacts
Dr. Devendra Mohan, Ishan Sharma & Anuj Madaan