



**Karnataka State Council for Science and Technology**  
Indian Institute of Science, Bangalore



**Brainstorming Workshop on  
Improvement of Water Cycle – Science, Technology  
and Management Options and Challenges**

(Sponsored by Department of Science and Technology, GOI)

**Date:** 08-11-2010, Monday

**Venue:** KSCST Conference Hall

**Programme**

- 9.00 am - 9.30 am : Registration of delegates
- 9.30 am - 9.40 am : Welcome and Opening Remarks  
**Prof. M. S. Mohan Kumar**  
Secretary, KSCST and Professor, Department of Civil Engineering  
Indian Institute of Science
- 9.40 am - 9.50 am : Inaugural Address  
**Prof. Ramaprasad**  
Former Professor, Department of Civil Engineering  
Indian Institute of Science
- 9.50 am - 10.00 am : General Overview of Water Cycle  
**Prof. Rajendra Prasad**  
Professor in Geophysics, Andhra University, Visakhapatnam

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**Technical Session**

**Moderator : Dr. M. Prithviraj**  
Executive Secretary, KSCST

- 10.00 am - 10.20 am : Challenges identified under WAR  
**Dr. M. Prithviraj and Dr. Sanjay Bajpai**  
DST, GOI
- 10.20 am - 10.35 am : Precipitation and Climatology  
**Dr. Nityanand Singh**  
Scientist, IITM, Pune
- 10.35 am - 10.50 am : Status of Rainfall  
**Dr. Puttanna**  
India Meteorological Department, Bangalore
- 10.50 am - 11.05 am : Infiltration / Percolation  
**Prof. K. V. Jayakumar**  
Executive Director, CWRDM
- 11.05 am - 11.20 am : Infiltration / Percolation  
**Prof. M. S. Mohan Kumar**  
Professor, Department of Civil Engineering, IISc.
- 11.20 am - 11.35 am : Tea Break

- 11.35 am - 11.50 am : Infiltration / Percolation  
**Dr. K. S. Hariprasad**  
Assoc. Professor, Department of Civil Engineering, IIT, Roorkee
- 11.50 am - 12.05 pm : Surface Water Resources Assessment and Challenges  
**Prof. D. Nagesh Kumar**  
Professor, Department of Civil Engineering, IISc.
- 12.05 pm - 12.20 pm : Storage of Surface Water  
**Sri. A. R. Shivakumar**  
PI - RWH and Senior Fellow, KSCST
- 12.20 pm - 12.35 pm : Evaporation / Evapo-transpiration  
**Dr. Lakshman Nandagiri**  
Professor, NITK, Surathkal
- 12.35 pm - 12.50 pm : Ground Water Recharge  
**Prof. M. Sekhar**  
Assoc. Professor, Department of Civil Engineering, IISc
- 12.50 pm - 1.05 pm : Ground Water Recharge  
**Dr. Himanshu Kulkarni**  
Hon. Secretary, ACWADAM, Pune
- 1.05 pm - 1.20 pm : Status of Ground Water Recharge  
**Dr. Nazeeb**  
Regional Director, CGWB, Bangalore
- 1.20 pm - 2.15 pm : Lunch Break
- 2.15 pm - 2.30 pm : Geomorphic Applications in Flood Hazard Management  
**Dr. Vikrant Jain**  
Associate Professor, Department of Geology, Delhi University
- 2.30 pm - 2.45 pm : Flood Management and Modelling  
**Dr. V. V. Srinivas**  
Assoc. Professor, Department of Civil Engineering, IISc
- 2.45 pm - 3.00 pm : Status of Droughts  
**Dr. V. S. Prakash**  
Director, KSNDMC, Bangalore
- 3.00 pm - 3.15 pm : Integrated Water Management  
**Dr. C. S. Ramasesha**  
Commissioner (Rtd), CGWB, Bangalore
- 3.15 pm - 3.30 pm : Field Experiments on Watershed Management  
**Prof. J. J. Braun**  
Chairman, Indo-French Cell
- 3.30 pm - 3.45 pm : Tea Break
- 3.45 pm - 4.30 pm : **Discussion / Closing Remarks**  
By Sri Sanjay Bajpai and Dr. M. Prithviraj  
**Recommendations to be sent to DST, GOI**