

UPDATE ON SCIENTIFIC INTERACTIONS ON CO₂ SEQUESTRATION - INDIA



In CSLF Technical Group Meeting, New Delhi,
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Dr. Malti Goel, Member, CSLF Technical Group, Rep. of India,
Department of Science & Technology, Technology Bhawan, New
Delhi.

CCS WORK IN INDIA-Technical

- NTPC CO₂ Sequestration Workshop In December 2003.
- DST Inter-Sectoral CO₂ Sequestration Technology Interaction Meets held at New Delhi In February 2004 and March 2006.
- Indo-US Workshop on Carbon Sequestration at NGRI, Hyderabad in June 2005.
- Indo-Australian Technical Workshop on CC Technology, New Delhi in February 2006
- Several Experts' Meetings held by NTPC, Ministry of Power and Ministry of Science & Technology

CCS WORK IN INDIA-Technical

- contd.

- IGCC and FutureGen Development
- Energy Efficiency in Power Generation and Consumption
- Renewable Energy Development
- Carbon Capture Research
- Carbon Sequestration Research

UPDATE ON INTERACTION MEET - Outreach

- On March 23, 2006 organized an interaction meet aiming at dissemination of research and developing a technology baseline
- Participants included scientists and engineers from different academic institutes, research laboratories, government organizations, industry as well as students
- Focus was on Technical Issues of CO₂ sequestration in terrestrial and different geological formations namely in saline aquifers, abandoned coal mines, EOR & ECBM and basalt rocks.

UPDATE ON INTERACTION MEET – Outreach - contd.

- It emerged that cost of underground sequestration is the main barrier in acceleration of research efforts. Other means of covering the cost through income from energy fuel recovery or carbon credits may not be adequate
- Points of Convergence forwarded to Ministry of Power and DST for appropriate consideration
- An Information brochure on scientific and technological approaches in CO₂ sequestration and importance of research in this emerging area was brought out.

ROUND THE YEAR ACTIVITY- Future Plan of Work

- Identify thrust areas and promotion of new research aiming at meeting energy needs and CO2 abatement
- Develop inputs to a technical road map for CCS S&T development
- Collaborate on carbon capture and storage technology for development in economically feasible manner
- Implement CSLF recognized projects and participate in CSLF activities

“It is the beginning of Journey, Darkness is always there to engulf you but you must see that every step of yours moves towards light”

Thank You

