

About CSE

(Centre for Science and Environment, New Delhi)

Dr Suresh Kumar Rohilla
Programme Director – Urban Water Management

August 07, 2011
Dhaka



About CSE

Centre for Science & Environment (CSE): is a public interest research advocacy organisation set up in 1980.

Anil Agarwal (Engineer-journalist) was the Founder Director of CSE .

Wanted to create **an institution that could bridge the gap between information and knowledge.**

In the mid-1990s we realised that we need to connect the circle-

‘ information-knowledge-action-information’.



Ms Sunita Narain

is currently the
Director General, CSE New Delhi

***She is a writer and environmentalist,
who uses knowledge for change.***



In 2005 and again in 2008 and 2009 she was included by US journal Foreign Policy as **one of the world's 100 public intellectuals**.

In 2005 she was awarded the **Padma Shri** by the Indian government.

She has also received the Stockholm **World Water Prize (2005) for work on rainwater harvesting** and for its policy influence in building paradigms for community based water management.



CSE – Background

It promotes **sustainable development with equity, participation and democracy** through –

- knowledge based activism
- policy research combined with public awareness



Books 50,000
Documents 25,000
Journals 1,800
Articles 1,47,193
News Clippings 2,50,000
Films, documentaries 1,500
Photographs and slides 1,50,000
Directories of experts, research institutions
& government agencies 30,000

CSE also currently the -

Centre of Excellence in of Urban Development in the Sustainable Water management area (Ministry of Urban Development)

Nodal centre for training of Regulators (Ministry of Environment & Forests)

National hub for knowledge creation and capacity building
(Ministry of Rural Development)



CSE – Programmes

- Communication and Awareness
- Research and Advocacy
- Education and Training
- Knowledge Portal
- Pollution Monitoring

Areas of work :

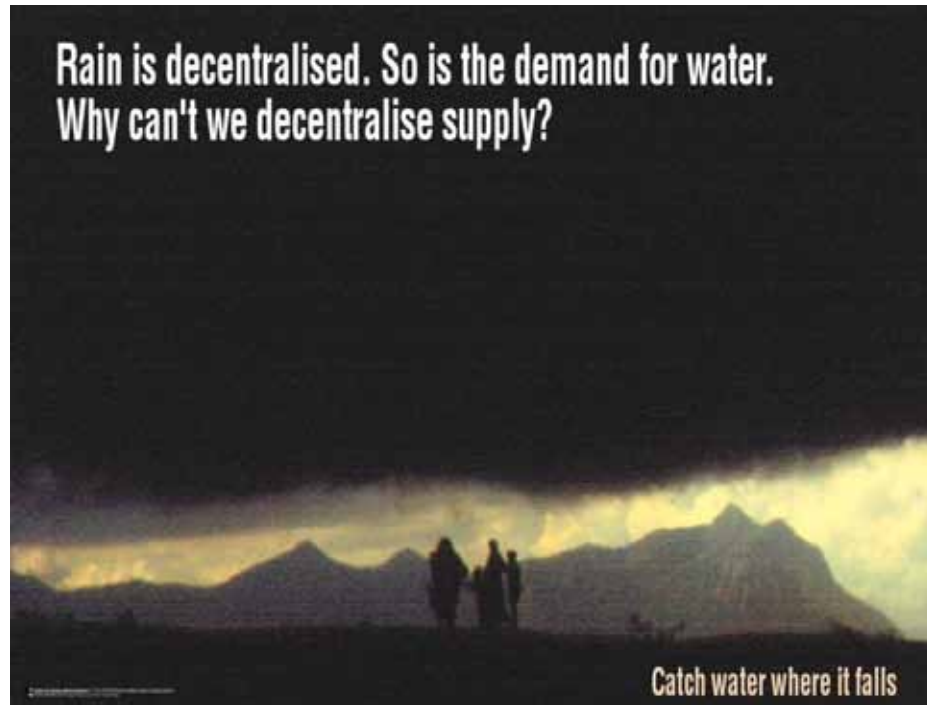
Air Pollution, Climate Change and Renewable Energy, Industry and Environment , Food Safety and Toxins, Environmental Education and Training and **Water Management.**



Water Programme



Water > Shortage, or mismanagement?



- Heavy dependence on
- Lost: Rich **hydrological** traditions
- Community role **destroyed**
- Can't flush and forget

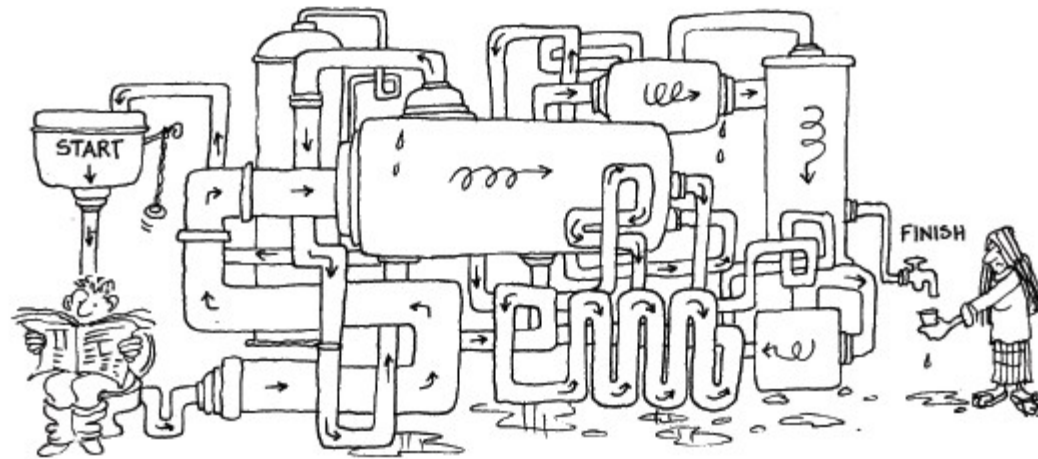
surf
ace
-
gro
und
wat
er

Water is about **life**. It is about **health**. It is about **livelihoods**.
It is about **wealth**.

Water / Wastewater has to be everybody's business

.....





A paradigm that **must** change, **urgently**



Programme Objectives

1. Research

Secure sustainability in water/wastewater management including urban water bodies/lakes conservation.

2. Capacity building

Improved capacities and understanding about issues of augmenting water supply through rainwater harvesting and treatment and reuse of wastewater

Increased knowledge about best practices on rainwater harvesting and treatment and reuse of wastewater

3. Knowledge Dissemination

Made available up-to-date and relevant information related to urban water management and dissemination through website



CSE Water Programme

Knowledge Creation and Capacity Building

- Research to understand nature of problems and develop solutions
- To enable institutions and people undertake actions in managing water / wastewater and implementation of best practices.

(technical advisory, training workshops, training manuals)

Building knowledge Networks

- To strengthen all those who are involved in managing their water - governments, community/ individual

(newsletter, model projects, rain centres and Paani Yatras)

Awareness Creation

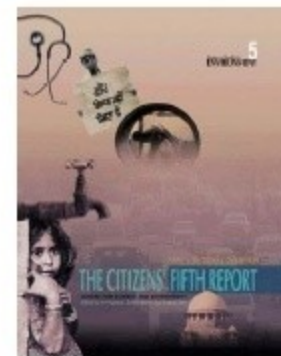
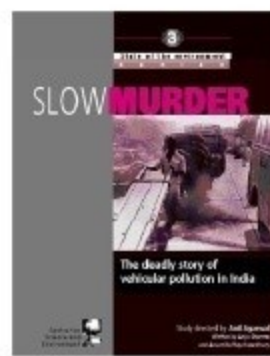
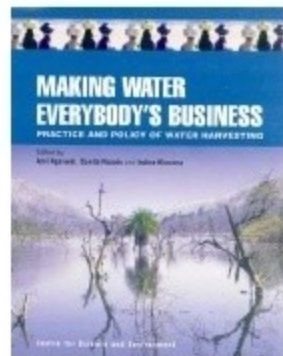
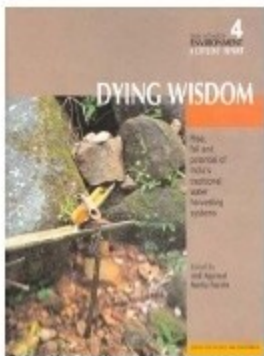
To make households, industries, institutions, villages and urban *mohallas*, all recognize the importance and value of Water.

(reports, articles, films, exhibitions, lectures, website)



RESEARCH

1. Wastewater Management
2. Rainwater Harvesting
3. Water Efficiency
4. River Pollution



CAPACITY BUILDING

- Rainwater Harvesting
- Decentralised Wastewater Treatment & Reuse
 - across India and South Asia



Re: public

state-level regulators
state-level appraisal committees
state-level appraisal committees
civil engineers
architects
urban planners
environment consultants
municipal water managers
plumbers
masons
students
policy-framers
decision-makers
lawyers
journalists
field-level practitioners
civil society groups including NGOs
civil society groups including NGOs

outreach out



KNOWLEDGE DISSEMINATION





Centre for Science and Environment

[ABOUT CSE](#)

Who we are

[DONATE](#)

Support CSE

[JOBS](#)

Work/Volunteer

[BLOGS](#)

CSE Bloggers

[PRESS](#)

CSE in news

[CONTACT US](#)

Forum

Latest News >

- Over thousand wild animals killed in MP
- Another lion dies
- Adarsh members to challenge demolition order in HC
- Dang

Search

[Home](#) | [Air Pollution](#) ▾ | [Water Management](#) ▾ | [Industry & Environment](#) ▾ | [Education & Training](#) ▾ | [Food safety and toxins](#) ▾ | [Climate Change](#) ▾ | [Media](#) ▾

Down To Earth



DOWN TO EARTH: COVER STORY

Sponge irons dirty growth
Sponge iron industry is set to drive future steel production of India.

[READ MORE](#)

1 | 2 | 3 | 4 | 5 PAUSE

Updates

Diesel hides behind CNG | 0 Comments

What's going on? First the key partners of the Central Pollution Control Board -- IOC, and NEERI -- involved with yet to be released source apportionment study made claims publicly that LPG is the most

Blogs: Recent Posts



Sunita Narain

Down To Earth

15 January 2011

How to approach environmentalism | 2 Comments



Gita Kaurana

Announcements

Dialogue on Improving Quality and Performance of Natural Gas Vehicle Programme in South Asia

Date: January 20, 2011,
Dhaka, Bangladesh

CSE's First Country Media Briefing on the Challenge of Urban Air Quality and Mobility Management

Date: January 22, 2011
Dhaka, Bangladesh

Managing Urban Air Quality: Focus on Clean and Fuel Efficient Vehicles An orientation programme for policy makers

Date: January 27 - 29, 2011

Shop

at CSE Store

Buy our
Books, VCDs, & DVDs,
T-Shirts & more




Support
environment



Knowledge Dissemination

CSE website has dedicated interactive online information –

CSE WEBNET | Down To Earth | Gobar Times | Rain Water Harvesting | CSE Store | India Environment



Centre for Science and Environment

[ABOUT CSE](#)
Who we are

Home | Air Pollution ▼ | Water Management ▼ | Industry & Environment ▼ | Education

[Center of Excellence](#)

[Center of Excellence Home](#)

[Work Over](#)

The Ministry of Urban and Rural Water Supply

[Center of Excellence](#)

[Rain Water Harvesting](#)

[Decentralised Waste Water Treatment](#)

[Green Building Water Management](#)


[River Pollution](#)

[Research](#)

[Capacity Building](#)









[Knowledge Dissemination](#)


) has designated Centre for Science and Environment



CSE Webnet | [DownTo Earth](#) | [gobar times](#) | [equity watch](#) | [THE CSE STORE](#)

[rainwaterharvesting.org](#)






☐ WWW ☒ RWH Search


[Search for Water Harvesting Systems](#)

[Jal Swaraj](#)
[Raincentre](#)
[Happenings](#)
[Events](#)
[RWH Database](#)




[RESEARCH TOOLS](#)

JAL SWARAJ CAMPAIGN



A campaign for participatory, equitable and decentralised paradigm for water management with the objective of making water everybody's business.
[more>>](#)


GRASSROOT INITIATIVES




The farmers of Ambaredi village boast of their lush green fields and full brim river even during the dry months of the year. Village Ambaredi in Jamkandorna taluka experienced a complete changeover from dry agricultural land to lush green fields only after 2000.
[Read More>>](#)

Urban Water Supply


Demand for water is growing in most cities as every urban citizen requires almost double the amount of water that a rural citizen requires. Moreover, India is rapidly urbanising.




[Database on Threatened Lakes](#)



[SLIDESHOW](#)



[Rainfall data for major Cities of India](#)



Poll

Should "pukurs" (water bodies) in rural West Bengal be restored to mitigate the Arsenic problem?

Browse By Subject

Tags

[Environment](#)

[Water Pollution](#)

[Air Pollution](#)

[Forests](#)

[Land](#)

[Agriculture](#)

[Animal Care](#)

[Food Policy](#)

[Mining](#)

[Water Resources](#)

[Dams/ Irrigation](#)

[Fisheries](#)

[Atmosphere And Ozone Layer](#)

SPECIALS



Air quality monitoring and emission inventory of 6 cities

This new CPCB report provides outcome of Air Quality Monitoring, Emission Inventory and Source Apportionment Study carried out in Bangalore, Chennai, Delhi, Kanpur, Mumbai and Pune.

Tags: Urban Air Quality, RSPM (PM 10), Emissions Inventory, Air Quality Monitoring

[Ganga](#)

See Also

- Report: National ambient air quality standards 2009.
- Report: India Air Quality Profile 2010.
- Report: National ambient air quality status 2008.
- Report: Air quality and urban mobility, Kanpur.
- Report: Ambient air quality monitoring, Delhi.
- Policy: Auto fuel policy.
- Report: Environment status report.
- Weblink: City action.



[Industrial Pollution](#)

DAILY NEWS BULLETIN

MoEF finds 'grave violations' in Lavasa, to submit report today

Tags: High Court, Maharashtra, Ministry Of Environment And Forests (MOEF), Pune (D), Environment

Yamuna clean-up: Interceptor sewer project to begin in June, DJB tells SC

Tags: Delhi, Delhi Jal Board (DJB), Jawaharlal Nehru National Urban Renewal Mission (JNNURM), River Pollution, Supreme Court, Yamuna, Yamuna Action Plan, Water Pollution, Water Supply

NAC for more powers to dwellers under Forest Act

Tags: Forest Rights Act 2006, Ministry Of Environment And Forests (MOEF), Minor Forest Produce, Tribals, Forests

[Will take fresh look at Nirma's cement](#)

Down To Earth

Science and Environment Online

Subscribe to common sense



LATEST NEWS

• Over thousand wild anir Search this site:

Search

HOME

INTERACT

Reader Reporter

Campaign

Columns

Blog

WEB EXCLUSIVES

TV DTE

Radio DTE

Infographics

Photo Gallery

Web Specials

Reporter's Diary

DTE PRINT

Top Stories



Sponge iron's dirty growth



Another Kasaragod



Paradise Plundered in Koyna sanctuary



Sponge iron's dirty growth

Sponge iron industry is set to drive future steel production of India. But the poorly regulated factories are highly polluting. Protests are frequent, often turning violent. A **CSE study** underscores the need for an action plan to help the industry meet both business and environmental challenges

Related Articles

- Slack approach
- Spongy mess
- Sponge iron industries are killing fields
- Protests against Belgaum's sponge iron plant
- Weak rules, weaker regulators
- The 200 million tonne challenge

E-magazine: The Virtual Print edition



Log in for subscribers
Subscribe now

Salient Features Knowledge Dissemination

- **A central repository of information** made available on all aspects related to **sustainable urban water management**, with an easy to use and convenient informational services
- Informational services: **directory of people and organisations** working on sustainable water management, **statistical data**, **e-newsletters**, **announcements** of events (conferences, seminars etc.), **progress of cities under JNNURM** in the area of urban water management etc.
- News clippings, books, e-documents policy documents, articles
- **No fees charged for information dissemination**



Knowledge Dissemination (contd-...)

- CSE is compiling a nationwide database of people involved in urban rainwater harvesting.

The database includes list of individuals, government, non government agencies involved in designing and implementation of RWH systems.

- Rainfall data of 27 Indian cities has been compiled. The data gives average annual rainfall and number of rainy days for the last 25 years. Graphical interpretation of the data is available at http://www.rainwaterharvesting.org/rainfall_index.htm
- National/ international legislations and financial incentives on RWH are available
- RWH case studies (traditional, urban and rural) are also available



Knowledge Dissemination

- CSE has prepared an interactive database on the **threatened water bodies** of India. The **database** provides the case studies of different wetlands, both natural and artificial
- The details of researchers, government departments institutions/individuals (petitioners) related to the wetlands are also available
- Links to **related articles** are available
-http://www.rainwaterharvesting.org/pulic_interest.htm
- Links to few outstanding **judgments and petitions** filed to save the water bodies are available



Knowledge-based activism in India and South Asia

Information

Collating **data**

(Library, Databases, Activists,
science / policy community, civil
society, etc.)

Knowledge

Research, **analysis**

(Down To Earth, e-newsletters,
Websites, State of Environment
books, monographs, etc.)

Wisdom/Action

Policy advocacy, **communication**



THANK YOU

