

Brief Profile

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WORK EXPERIENCE: MORE THAN 10 YEARS

Presently working for Centre for Science and Environment (CSE) www.cseindia.org, New Delhi as a *Deputy Programme Manager*.

1. **Work profile at CSE-** Managing research activities, advocacy, training and capacity building in India and South Asian countries. Training-in-charge of **Environmental Impact Assessment (EIA)** <http://www.cseindia.org/content/eia-training-programme>, **Social Impact Assessment (SIA)** <http://www.cseindia.org/content/sia-training-programme>, Urban and Industrial Wastewater treatment (<http://cseindia.org/content/urban-and-industrial-wastewater-training-programme>) and Hazardous Waste Management.
 - Till date, conducted over **30** EIA training programmes and 9 SIA training programmes at national and international level and trained more than 800 people. The trained participants were from regulatory bodies, industries, NGOs, environment consultants, academicians and students.
 - Conducted two week training programme on **Enforcement, Monitoring and Compliance** for South Asian Regulators (i.e. Bhutan, Sri Lanka and Bangladesh)
 - Conducted series of regulatory training programme in partnership with State Pollution Control Board (SPCB) on Environmental Clearance Process and mine management
 - Delivered lectures to overseas professionals on City and Town planning at Housing and Urban Development Corporation (HUDCO), New Delhi, India
 - Developed manuals for **EIA of wind power projects** (<http://www.indiaenvironmentportal.org.in/files/file/EIA%20Guidelines%20Wind%20Power%20Report-CSE.pdf>), conducting trainings across India to make the various stakeholders involved in wind power projects about the potential impacts and what necessary measures can be taken for the development of green norms in wind power sector.

Work in Bhutan

- **Prepared 8 sectoral Environment Assessment (EA) guidelines** for National Environment Commission (NEC), Bhutan, 2012- **(a) Roads and Highways (b) Transmission Lines (c) Hydropower (d) Tourism (e) Forestry (f) Industries (g) Mines (h) General Sector**
- Prepared **Guidelines for Vehicle Washing Facility**, NEC, Bhutan, 2012 (<http://www.nec.gov.bt/index.htm>)
- Conducted 14 days capacity building programme in Paro, Bhutan on EIA of Hydropower, Industrial project, Road and Highway, mining, tourism, transmission lines for the officials of National Environmental Commission and other relevant departments, 2012, Bhutan (7-11 May, 2012) - <http://cseindia.org/content/cses-outreach-south-asia>
- Conducted five days capacity building programme in Paro, Bhutan on **EIA of transmission line** for the officials of Bhutan Power Corporation (<http://www.bpc.bt/>), 2013
- Conducted four days training programme on “**How to inspect an industry**” in Phuentsholing for the National Environmental Commission (NEC), Bhutan, 2013

Work in Bangladesh

- **Prepared EIA Guidelines:** Prepared EIA guidelines for **Coal mining, Textile and Pharmaceutical and Cement sector** for the Ministry of Environment and Forest, Bangladesh, *funded by CIDA*.
- **Prepared Environment Clearance Rules** for the Ministry of **Environment and Forest, Bangladesh**, *funded by CIDA*.
- Conducted five days training programme on “**Industrial wastewater Treatment, Recycle and Reuse**” in Dhaka for the Department of Environment (DOE), Ministry of Environment and Forests, Bangladesh, 2013
- **Conducted EIA capacity building programme in Dhaka** for the officials of Ministry of Environment and Forest, **Bangladesh**. The sectors covered were coal mining, cement, pharmaceutical, pulp and paper, textile and **coal based thermal power plant**. The training programme was conducted by CSE in partnership with *Bangladesh Environmental Institutional Strengthening Project (BEISP)*, which is a Government of Canada (CIDA) funded project.

Work in Sri Lanka

- **Conducted five days capacity building programme in Colombo on EIA and SIA** for the officials of **Central Environmental Authority**, Ministry of Environment , **Srilanka**.
 - Trained Central Environmental Authority (CEA) Sri Lanka officers on Urban and Industrial Wastewater Management (12-15 March, 2013) in Colombo, Sri Lanka
 - Trained doctors and other health officers on **Biomedical Waste Management** in Kandy, Sri Lanka, 2013
2. **GRI Working Group Member:** Working group member for the development of **Airports Sector Supplement**, programme initiated by Global Reporting Initiative (GRI) and UNEP, <http://www.globalreporting.org/Home>
 3. **In-charge of Community Support Center** - Community Support Programme is a programme with a vision to help various communities in the country who request CSE for technical support. It aims at those communities which do not have access to such technical support and have issues pertaining to environment in their vicinity.
- Prepared a base paper on financial institution and **Environmental Sustainability for the Indian financial sector**.

PREVIOUS WORK EXPERIENCE

- *Environmental Officer/ Management Representative* of Environmental Management System (ISO 14001) in M/S Steel Tubes of India Ltd, Dewas (Madhya Pradesh (MP), India;
- *Environment Officer* in S.Kumars , Dewas (M.P);
- *Visiting faculty (Lecturer)* for a year at Institute of Environment Management & Plant Sciences, Ujjain (M.P)
- *Regional volunteer* for the United Nations Development Programme (UNDP) funded Green Rating project, CSE for Pulp and paper sector in Madhya Pradesh, India.

EDUCATIONAL QUALIFICATIONS

- Undergone **three month programme on Environmental Impact Assessment** from **Saxion University of Applied Science**, The Netherlands School of Environmental Planning and Building, Deventer
- Masters of Science (Tech) in **Environment Management** from Vikram University, India, 2002
- Bachelor of Science (Honours) in **Environment and Water Management (EWM)**, India 1999

OTHER SPECIALIZATION & QUALIFICATIONS

- Post Graduate **Diploma in Industrial Safety**, Annamalai University
- Certificate Course in **Disaster Management** from Indira Gandhi National Open University (IGNOU), New Delhi
- Undergone a specialized **Environmental Auditors Training Programme on EMS** (Environmental Management system), Approved by IEMA-UK

- Perusing diploma in Participatory Management of **Displacement, Resettlement and Rehabilitation** from Indira Gandhi National Open University (IGNOU), New Delhi

INDUSTRIAL EXPERIENCE

- Conducted environmental, social and energy audits of following cement plants under Green Rating of Indian Cement sector (a) Vikram Cement, Neemuch M,P (b) Lakshmi Cement, Sirohi, Rajasthan (c) Prism Cement, Satna, MP (d) ACC Jamul Cement works, Durg, Chhattishgarh (e) ACC Kymore Cement works, Katni, MP (f) Saurashtra Cement Ltd., Ranavav, Gujarat (g) Shree Cement Beawar, Rajasthan (h) Sanghi Cement, Kutch, Gujarat.
- **Other industrial exposures** - Thermal power plant; pulp & paper; mining sector; Alumina refinery; Pharmaceutical, Textile industry; Distillery; and Ports & harbour.

COMPUTER PROFICIENCY

Operating System: MS-DOS, Windows, Application software: MS-Office, and Internet.

PUBLICATIONS

- **Concrete facts:** the life cycle of the Indian cement industry, Centre for Science and Environment, New Delhi, 2005, <http://www.cseindia.org/node/888>, this book is all about the environmental, economic and social performance of cement sector in India and it also benchmarks the performance of 38 Indian cement plants with the global best practices.
- **Rich land poor people :**Is sustainable mining possible, Centre for Science and Environment, New Delhi, 2007, <http://www.cseindia.org/content/rich-lands-poor-peoplesustainable-mining-possible>. The 6th State of India's Environment - a citizens' report, outlines the immense challenges facing the mining sector in India: how to ensure ecological security together with inclusive development.

PUBLISHED ARTICLES

- Deep waters, Down to Earth, May 15, 2007 (co-authored with Arnab Pratim Dutta) Assessment of social and environmental impacts of the proposed Pondicherry port, and the technical evaluation of the EIA, <http://www.downtoearth.org.in/node/5899>
- Ranbaxy's Deceit, Down to Earth, March 15, 2007, Reported on the non-compliance with a court order. <http://indiaenvironmentportal.org.in/node/27623>
- Flatering steps, New EIA process stumbles at start, Down to Earth, February 28, 2007, <http://indiaenvironmentportal.org.in/node/18071>
- Slippery ground, Down to Earth, November 30, 2006 (co-authored with Ashutosh Mishra and Sujit Kumar Singh), Reporting on legal and technical shortfalls in the public hearing conducted for Utkal Alumina International Limited
- *Eco-friendly slag to help make cement in Chhattisgarh*, Down to Earth, June 30, 2007. The story is about benefit of using slag in cement manufacturing <http://www.downtoearth.org.in/node/6161>
- Fluorescent lamps: energy efficient but with glitches, Down to Earth, August 15, 2007. Story is the assessment of impact on resources and pollution, if all the household of Delhi switch over to CFLs. Also compares advantage of incandescent bulbs and CFL and environmental hazard associated with CFL. <http://www.downtoearth.org.in/node/6383>
- Bad spirit, A distillery in Bihar has been polluting river, fields with impunity for 15 years, Down to Earth, February 15, 2008. *Story is all about the impact of distillery plant on the river and on human settlements.* <http://www.downtoearth.org.in/node/4167>

PERSONAL DETAILS:

Date of Birth: 02-07-1975

Sex: Male

Marital status: Married
Nationality: India
Language known: English and Hindi

MAILING ADDRESS

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PERMANENT ADDRESS

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REFERENCES

- Mr. Chandra Bhushan, Deputy Director General, Centre for Science and Environment, New Delhi, Email: chandra@cseindia.org, Phone: 011-29955124/29956110, ext 203, mobile +91 9650282840
- Dr. S.K Billore, Prof & head Environment Management, Vikram University, Ujjain (M.P.), E-Mail: billore@sancharnet.in, Pin - 456010. India, Fax No: 91-0734-2511226(O), Res 0734-2510041, Mobile – 91 9425380484
- Dr. (Prof) D.M Kumawat, Environment Management, Vikram University, Ujjain (M.P.), Pin - 456010. India, E-Mail: kumawat63@rediffmail.com, Mobile – 91 9425379989
- Er. K. Sajeevan, Chairman, Kerala State Pollution Control Board, Pattom P.O., Thiruvananthapuram – 695 004, Phone: 0471 – 2318150, Moble: +91 9447975733