

## CV of Co-Investigator

### K. LENIN BABU

Address: Research Officer, Center for Ecological Economics and Natural Resources  
Institute for Social and Economic Change, Nagarbhavi, Bangalore – 560072  
E Mail: lenin@isec.ac.in

Specialization: Over ten years experience in Environment Impact Assessment in infrastructure projects, Natural Resource Management.

Work experience with enforcing agencies like Central Pollution Control Board and with academic institutions

#### **CAREER HISTORY**

1. Institute of Social and Economic Change (ISEC) Nov 2006 to Continuing  
Nagarbhavi, Bangalore - 72, India

##### ***Research Officer***

Role and Responsibilities

Preparing the Social, Economic and Ecological Impact Assessment of Sujalam Suphalam Yojana for Government of Gujarat, India

2. Samaj Vikas, Hyderabad (On Leave from ISEC, Bangalore) 01.08.2006 till 31.10.2006

##### **Consultant**

Role and Responsibilities:

Preparing modules on 'Environmental Management Plan' and 'Integrated Pest Management', for proposed Restoration, Renovation of 3000 Irrigation Tanks in A.P. Partially supported by World Bank.

3. Institute of Social and Economic Change (ISEC) Oct 2005 to 01.08.2006  
Nagarbhavi, Bangalore - 72, India

##### ***Research Officer***

Role and Responsibilities:

- ◆ Develop Regional/ Sub Regional Green House Gases Inventory
- ◆ Impact of Community Participation in Tank restoration

4. **Department of Environmental Sciences, Bangalore University** 2001 to Sept 2005  
Bangalore - 560072, India

*Fellow*

A) Teaching two compulsory subjects to Post Graduate Students of Environmental Sciences

a) Water Pollution and control, b) Environmental Law, Policy and Management

B) Research and Development Component –

a) Pesticide residue analysis in food stuffs, b) Environmental Impact Assessment studies , EIA of Proposed Bangalore Metro Project and EIA of Proposed Kadur-Chikmagalure Railway line

**5. National Law School of India University                      Jan 1998 to Aug 2001**

Nagarbhavi, Bangalore - 560072, India

***Research Officer***

- A) Interacting with all the stake holders in environmental management, viz, personnel from Industry, Pollution Control Board, NGOs
- B) Capacity building of the environmental managers

**6. Central Pollution Control Board,**

Ministry of Environment and Forests, Government of India                      **Jan1995 - Jan 1998**

**Research Associate**

- Co-ordination of the Standardisation project among four research institutes
- National Ambient Air Quality Monitoring Program for 7 Sampling Stations in Delhi
- Trace Organic Pollutants in Ground Water
- Standardisation of Analysis of Pesticide Residues Program

**ACADEMIC QUALIFICATIONS:**

- **Ph. D.** in Environmental Science, Jawaharlal Nehru University, New Delhi, India, 1995.
- **M.Sc.** in Environmental Science, in 1986 from APS University, Rewa, India (Third Rank).

**Projects Completed**

- EIA for proposed Bangalore Metro Rail Project, commissioned by Delhi Metro Rail Corporation, Delhi, 2002
- EIA for Proposed Kadur- Chikkamagalur Railway Line, commissioned by SW Railway, Gol, 2003
- Impacts on Socio-Economic- Environmental aspects of Tank Restoration in Warangal District, A.P, Commissioned by WWF- International, 2006
- Rapid Environmental Impact Assessment of Proposed Upper Bhadra Project, commissioned by Government of Karnataka, 2006
- Integrated Environmental and Social Impact Assessment of Proposed Irrigation Tank Restoration and Renovation, Commissioned by Command Area Development Authority, Government of A.P.

**On-going**

- Social and Environmental Impact Assessment of Sujalam Suphalm Yojana, Commissioned by Irrigation Department, Government of Gujarat
- Quality Standards in International Tea Markets Challenges and Consequences for Smallholders and Tea Processors in Developing Countries in association with Department of Geography, Copenhagen University, Denmark

- Content Developing for Mobile Ecological Laboratory for Agastya Foundation International, Bangalore

## **RESEARCH PUBLICATIONS:**

### **In Process**

Value of Ecosystem Services of Irrigation Tanks and Paradigm Shift in Management., K. Lenin Babu, S. Manasi, K.V. Raju (Submitted as working Paper to Institute for Social and Economic Change)

Evaluation of Present Pollution Control Regime in India, K. Lenin Babu, S. Manasi (submitted to Current Sciences, India)

### **Earlier Publications**

"Possible Enhanced Conflict Situations on Account of Climate Change and Water Sharing: A Case Study of Three States of India" 2004 K. Lenin Babu, Proceedings of International Workshop on Human Security and Climate Change' organized by Center for International Climate and Environmental Research, Oslo to be held during 21–23 June 2005 at Oslo, Norway.  
[www.cicero.uio.no/humsec](http://www.cicero.uio.no/humsec)

"Transportation sector in Bangalore City, India – Examining Existing and proposed Metro Project 2004." Somashekar, R.K. and Lenin Babu, K  
[http://web.hku.hk/~gin2004/pdf/timetable/ProgramBook\\_final.pdf](http://web.hku.hk/~gin2004/pdf/timetable/ProgramBook_final.pdf)

"Changing Trends in the Environmental Law: A Critical Evaluation of Change in Environmental Laws in India from 1972 to 2002" 2003 K. Lenin Babu. Published in Materials of An International Scientific Conference on "Regional Tendencies of the Interaction of Human Beings and Nature in the process of the transition from Agrarian to Industrial Society" organized by Faculty of History, Tver State University, Russia. March 2003. Pp 53 - 57

"Impact Globalization – A case study of Coffee Industry" 2003 K. Lenin Babu, Basudeb Guha-Khasnobis, R. K. Somashekar.<http://www.wider.unu.edu/conference/conference-2003-3/conference-2003-3-papers/Babu-guha-khasnobis-somashekar-1208.pdf>

Governance and Natural Resources – Lessons from India, 2003 Babu, K.Lenin & Somashekar, R.K. Pp 102 <http://www.ias.nl/host/icassecretariat/abstractofpapers.pdf>

"Evaluation of Vertical and Horizontal Influences and their Impact on Environmental Change Policies in India: A Case Study of Two Sectors—Pollution Control and Water Shed Management" Shoban Kumar Pattanayak and K. Lenin Babu, 2002 In: Frank Biermann, Rainer Brohm, Klaus Dingwerth, editors. 'Proceedings of the 2001 Berlin Conference on the Human Dimensions of Global Environmental Change: Global Environmental Change and the Nation State'. PIK Report No. 80, Potsdam: Potsdam Institute for Climate Impact Research, December 2002. pp. 31-36

"Examination of Policies and Legislations concerning with the Industrial hazardous waste Management" K. Lenin Babu and R.K. Somashekar, 2002 In: Solid Waste Management, Ed R.K. Somashekar and M.A.R. Iyengar. Allied Publishers. pp 314-316.

K. Lenin Babu, J. S. Chandrashekar, R. K. Somashekar, 2002. in Proceedings of 11<sup>th</sup> International Water Symposium organized by Stockholm International Water Institute, Stockholm, Pp. 165.

### **Contributions to Research Reports**

K. Lenin Babu, S.K. Tyagi, S.D. Makhijani 1995. "Estimation of PAHs in Sewage and sludge using spectrofluorimetry" Seminar Proce. Central Pollution Control Board, New Delhi.

S.K. Tyagi, K. Lenin Babu, S.D. Makhijani 1995. "Estimation of PAHs in Ambient Air particulate Matter using Gas Chromatographic Method" Proceeding of National Workshop organised by the Central Pollution Control Board, New Delhi.

Environmental Impacts on Taj Trapezium As a team member Central Pollution Control Board, Constituted by Supreme Court of India, contributed to the technical report on Compliance of Court Orders regarding the environmental impacts in Taj Trapezium area in 1997.

Environmental quality reports for the Annual Reports of Central Pollution Control Boards, with specific relation to the concentration of Polycyclic Aromatic Hydrocarbons in Ambient Air.

### **Chapters / Papers in Books**

"Evaluation of Environmental Laws and Proposals for Reforms – A Report" commissioned by Indira Gandhi Institute for Developmental Research, Mumbai, Under Capacity 21 Project. 1999.

"Major Environmental Legislation" in Three volumes. Published by National Law School of India University, Bangalore. 1998.

"Guide Book" for Children Science Congress, organised by National Council for Scientific and Technical Communication Network, Department of Science and Technology, New Delhi. 1994

Series of strategy briefs on environmental governance prepared by Indira Gandhi Institute of Developmental Research, Mumbai Under Capacity 21 Program;

"Clean Water Environmental Governance - 1"

"Sustainable Wetlands Environmental Governance – 2"

"Sustainable Land & Forest Regeneration Environmental Governance – 3"

"Clean Air Environmental Governance – 4"

### **Papers Presented/ Participated in International Conferences**

- Participated in "Study Tour" organized by Environmental Law Institute, **Washington DC** from 2 – 16 March, 2002.
- Panelist for 'The Public Interest Environmental Law' "Global CPR: Restoration Conservation, Preservation" March 7 - 10, 2002 Session "Environment and Development Issues in South Asia" organized by Oregon University, USA <http://www.pielc.org/PIELC2002.pdf>
- Participated in "Environmental Dimension of Poverty 2nd UNU-RIVA Workshop" 19-21 May 2003, **Katmandu**, Nepal, Organized by United Nations University, Tokyo.
- "Impact Globalization – A case study of Coffee Industry" in Conference Sharing the Global Prosperity, 5-7 September, 2003, organized by World Institute for Developmental Research, WIDER, United Nations University, UNU, **Helsinki**, Finland.

"Possible Enhanced Conflict Situations on Account of Climate Change and Water Sharing: A Case Study of Three States of India" at International Workshop on "Human Security and Climate Change" being organized by Center for International Climate and Environmental Research" Oslo, Norway 21–23 June 20

