

BIO-DATA OF CHANCHAL KUMAR SAR

NAME : CHANCHAL KUMAR SAR
FATHER'S NAME : LATE SATYENDRA NATH SAR
DATE OF BIRTH : 13TH NOVEMBER 1959
PERMANENT ADDRESS : VILLAGE and POST. -CHOREPALIA,
DISTRICT- PURBA MADENIPORE,
P.S.- EGRA, WEST BENGAL, PIN-721448

PRESENT RESIDENTIAL ADDRESS : C/O. MRS REBATI PRADHAN,
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NATIONALITY : INDIAN

EDUCATIONAL QUALIFICATION :

EXAMINATION	BOARD / UNIVERSITY	% OF MARKS	YEAR	SUBJECTS
HIGHER SECONDARY	WEST BENGAL BOARD OF SECONDARY EDUCATION	42.9	1976	SCIENCE
B.Sc.	UNIVERSITY OF CALCUTTA	42.3	1979	BIO- SCIENCE
M.Sc.	UNIVERSITY OF GARHWAL	63.4	1982	ZOOLOGY (Specialisation in Fish & Fisheries)
Ph. D.	MEERUT UNIVERSITY	Awarded	1992	Feeding Ecology of Cold Water Fishes
P.G. (DIPLOMA)	INDIAN INSTITUTE OF ECOLOGY & ENVIRONMENT, N. DELHI.	67.6	1993	Ecology & Environment

SPECIALISATION

: 1. Fish and Fisheries with very particular reference to:

- Hypophysation and Nursery Management of Carps.
- Production of Carps by using Bio- technological tools to achieve 25 tonnes /ha./annum.
- Management of Fresh-water Prawn Farm, Using Calcutta Sewage as a Source of water.
- Sewage – fed Fish culture.
- Culture of African Catfish in Freshwater Sewage-fed ponds.

2. Environmental Biology:

- a) Study of Impact of Dam on the Limnology and Fisheries of River; with particular reference to Pong and Pandoh Dam on the river Beas.
- b) Limnological studies.
- c) Quantification of Benthic Macro- invertebrates.
- d) Habitat Survey of Wild-animals, with very particular reference to Wild Elephants.
- e) Study of Man-Elephant Conflict, with particular reference to Orissa State.
- f) Preparation of Site specific wildlife management plans for Industries and Mines.
- g) Preparation of EIA reports for Industries and Mines.

TRAINING ATTENDED : Brood-stock management for genetic improvement of Carps.
At C.I.F.A., Kausalyaganga , Bhubaneswar, Orissa.

TITLE OF THESIS : 1. Thesis for the award of Ph.D. **“Feeding Ecology of a Few Cold-water Fishes in the Upper Stretch of River Beas in Himachal Pradesh”**

2. Thesis for the award of P.G. Diploma in Ecology and Environment; **“The Impact of Use of Combine Harvester on the Environment with Particular Reference to Paddy Harvesting in India”**.

RESEARCH EXPERIENCE:

1. Worked as Junior Research Assistant, from January 21, 1984 to May 31, 1984 with Species Survival Commission, Asian Elephant Specialists Group (I.U.C.N.), North –Eastern Task Force, Calcutta. The job involved, elephant status Survey in Arunachal Pradesh .
2. Worked as Junior Research Fellow in MAB Project (Impact of Construction and Completion of Beas- Sutlej Link Project on Limnology and Fisheries of River Beas), run by CICFRI and NRCCWF (ICAR) from June 11, 1984 to March 31,1988.
3. Worked as Research Associate in the Laboratory of Fisheries Biology, DAV (PG) College (Meerut University) Muzaffarnagar , Uttar Pradesh, from April 2,1988 to August 22,1989.
4. Worked as Senior Research Fellow in DBT Project (Intensive Carp Culture utilising Bio-technological tools for achieving Production levels of 25 tonnes / ha./ annum) at the CIFA (ICAR) Kausalyaganga , Bhubaneswar, Orissa, from August 26,1989 to June 20,1992.

JOB EXPERIENCE:

1. Worked as Hatchery manager in the Chaudhury Fish Hatcheries, Hanumangarh Town, Rajasthan-335513, from July 1, 1992 to July 31, 1993. (Constructed the first profitable fish-seed hatchery in arid climatic condition at Hanumangarh).
2. Worked as Senior Culturist and Project-in-charge in the aquatic division of Madhumita Construction Pvt. Ltd. (Aqua. Div.), In Freshwater Sewage-fed Sector. From September 1994 to December 1996. Work involved in Freshwater Prawn (*Macrobrachium*) culture in

Sewage-fed ponds and African Catfish Culture in Sewage-fed ponds , Apart from regular culture of IMC and Exotic Carps; and *Tilapia* in Sewage-fed ponds.

3. Worked as Research Scientist in the Project Man –Elephant Conflict in Asia, in Asian Elephant Research and Conservation Centre, Centre For Ecological Sciences, Indian Institute of Science, Bangalore. From 20th May 1997 to 2004 in the scale of Rs. 10,000=00 – 325 – 15,000=00 per month.
4. Worked as Research Scientist in the Orissa Elephant Project, in Asian Elephant Research and Conservation Centre, a Division of Asian Nature Conservation Foundation, Innovation Centre, Indian Institute of Science, Bangalore. From February 2008 to November 2008 in the scale of Rs. 10,000=00 – 325 – 15,200=00 per month.
5. Worked as Research Associate in the Centre for Ecological Sciences, Indian Institute of Science, Bangalore, from December 2008 to March 2011, in the Project assigned by Ministry of Environment and Forest, Govt. of India, “Assessment of the feasibility of Development of Elephant Corridor in the Jharsuguda area in Orissa for the commissioning of IPP by Vedanta group of Companies”. And in Indo-Norwegian Project of Wildlife human conflict, With the financial assistant from Royal Norwegian Embassy, N. Delhi,
6. Worked as Functional Expert in Centre for Envotech and Management Consultancy (P) Ltd till March 2014.

ORGANISING CAPABILITY:

Organised the “Symposium on National / Growth, Development and Natural Resource Conservation ” as a Member of the Organising Committee, at Dept of Zoology, DAV (PG) College, (Meerut University) Muzaffarnagar, Uttar Pradesh .

MEMBER OF COURSE FACULTY

: 1.“Training Programme On Biotechnology in Aquaculture”. 24 March – 9 April 1992; CIFA, Kausalyaganga, Bhubaneswar, Orissa.

2.“Training Programme On Aquatic Microbiology in Freshwater Aquaculture”. 25th, June – 4th July 1991. CIFA (ICAR), Kausalyaganga, Bhubaneswar -721002, (Orissa).

CO-CURRICULAR ACTIVITIES

- : 1. N.C.C. ‘B’ Certificate Holder.
2. N.S.S. Certificate Holder.
3. Yogasana Trainer of Midnapore District Body Building Association- 1977-1978.
4. Represented M.Sc. zoology previous and Final Classes.

KNOWLEDGE IN COMPUTER OPERATION: Microsoft Office.

MEMBER OF SCIENTIFIC SOCEITY:

LIFE MEMBER
MEMBER

: Association of Aquaculturists
: Uttar Pradesh Zoological Society.

Project Co-ordinated

: **As Co-Investigator:** “The Asian Elephant in Orissa, India – Population status, Conservation and Management of Asian Elephants (*Elephas maximus*) in Elephant Reserves of Orissa, India.” During 2004 and the Report submitted.

Project Co-ordinated

: **As Investigator (from NGO ANCF):**

“Elephant-Human Interactions in Eastern India – Orissa (activity 4.1a-1)”. Within the broad joint Indo-Norwegian project - 2007-2011:- “Wildlife-Human Interactions: From Conflict to Coexistence in Sustainable Landscapes”. Ref. Thomassen, J., Linnell, J. & Skogen, K. 2011. Wildlife-Human Interactions: From Conflict to Coexistence in Sustainable Landscapes. Final report from a Joint Indo-Norwegian project 2007-2011.- NINA Report 736. 83pp. ISBN: 978-82-426-2325-6. (See Page -24).

Accreditation by MoEF

: Accreditation achieved in category “A” for Ecology and Biodiversity by NABET (QCI), in the 44th meeting for Surveillance Assessment, March 2013.

PUBLICATIONS:

a) **PAPERS: (Thirteen numbers)**

1. Occurrence of albino Jungle Crow (*Corvus macrorhynchos*) in Bilaspur, Himachal Pradesh. *Newsletter for Birdwatchers*, Vol. - **27(9 & 10)**: 15. 1987
2. A case of sexual dimorphism in *Xenentodon cancila* (Hamilton) form Pong Reservoir, H.P. *Sci. & Cul.*, Vol.-**55**: 142-143. 1989. In collaboration with K. L. Sehgal and Sukhbeer Kaur.
3. Teratology of Caudal Fin in *Cyprinus carpio communis* Linn. *Nat. Acad. Sci. Letters*, Vol. **13(1)**: 41-42. 1990. In collaboration with V. S. Rathore, Ranjana Saxena and A. Prakash.
4. Colour memory in Domestic fowl. *Uttar Pradesh J. Zool.* Vol.**10(2)**:182-183. 1990. In collaboration with K.K. Sar and U.K. Sar.
5. Sediment Oxygen Consumption in Freshwater fish Pond Ecosystem. *Proc. Int. Conf. Land- Water Interactions*, 8-13 Dec., 1991, New Delhi. *International J. Ecolo. and Environ. Sci.* Vol.-**18(1&2)**: 93-99. 1992. In collaboration with S.D. Tripathi, S. Ayyappan, B. Dash, D. Saha, N. S. Subramanyam and V.S. Basheer.
6. Induced breeding of Indian major carps in Thar Desert. *Uttar Pradesh J. Zool.* Vol.**13(2)**: 119-130. 1993. In collaboration with R.C. Chauhan.
7. Environmental Stress in Pandoh Reservoir, India, Renders Snow Trout Unpalatable. *The Environmentalist*, Vol. **14(1)**: 63-67. 1994. In collaboration with A. Prakash and Ranjana Saxena.
8. Biology of *Altica coerulea* (OLIV.) (Chrysomelidae: Coleoptera)--- a potential bio-control agent Against – *Jussiaea repens*. L.. *J.B.N.H.S.* Vol. **93(1)**: 104-105. 1996. In collaboration with U. K. Sar and K. K. Sar.

9. A Checklist of Elephant Movement Paths / Corridors in Mahanadi Catchments, Orissa. *Indian Forester*. Vol. **128 (2)**: 235–242. 2002. In collaboration with D.K. Lahiri-Choudhury.
10. On the occurrence of *Hydrurus Foetidus* (Class-Chrysophyceae) in Kulu Valley, Himachal Pradesh. *Proc. National Acady. Sci.* Allahabad (Accepted in 1987). In collaboration with K. L. Sehgal and Sukhbeer Kaur.
11. Investigation on carp production in Arid Climatic Ponds. *J. of Aquaculture* (Accepted in 1995). In Collaboration with R.C. Chauhan and U.K. Sar. (Not yet published).
12. Man-Elephant conflict: the Keonjhar (Orissa) experience. *J.B.N.H.S.* Vol. **103 (2&3), May-Dec** : 286-293. 2006. In collaboration with D.K. Lahiri-Choudhury.
13. Current Status of Asian Elephants in India. *Gajah*. Vol.35: 47-54. 2011. In collaboration with N. Baskaran, Surendra Varma and Raman Sukumar.

b) TECHNICAL REPORTS / BOOKS: (Thirteen numbers)

14. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-a), Athgarh Forest Division, Cuttack and Jajpur, District. 1992- July, 1997.* (1999). Asia Elephant Research and Conservation Centre, Bangalore. In collaboration with D.K. Lahiri Choudhury.
15. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-b), Angul Forest Division, Angul District. 1992- October, 1997.* (2000). Asia Elephant Research and Conservation Centre, Bangalore. In collaboration with D.K. Lahiri-Choudhury.
16. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-c), Athmallik Forest Division, Angul District. 1992- August, 1998.* (1999). Asia Elephant Research and Conservation Centre, Bangalore. In collaboration with D.K. Lahiri-Choudhury.
17. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-d), Nayagarh Forest Division, Nayagarh District. 1992– January 1998,* (2001). Asia Elephant Research and Conservation Centre, Bangalore. In collaboration with D.K. Lahiri-Choudhury.
18. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-e), Keonjhar Forest Division, Keonjhar District. 1992- April 2000.* (2002). Kolkata. In collaboration with D.K. Lahiri-Choudhury.
19. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-f), Boudh Forest Division, Boudh District. 1992- May 1998.* (2002). Kolkata. In collaboration with D.K. Lahiri-Choudhury.
20. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-g), Rairakhola Forest Division, Sambalpur District. 1992- March 1999.* (2002). Kolkata. In collaboration with D.K. Lahiri Choudhury.
21. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-h), Dhenkanal Forest Division, Dhenkanal District. April 1992- August 1997.* (2002). Kolkata. In collaboration with D.K. Lahiri-Choudhury.
22. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-i), Sambalpur Forest Division, (parts of Sambalpur, Baragarh, Jharsuguda and Sonepur Civil Districts). April 1992- March 1999.* (2003). Kolkata. In collaboration with D.K. Lahiri-Choudhury.
23. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-j), Ghumsur North Forest Division, Ganjam Civil District. April 1992- March 1998.* (2003). Kolkata. In collaboration with D.K. Lahiri-Choudhury.
24. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-II-k), Similipal Tiger Reserve in Baripada and Karanjia Forest Divisions, Mayurbhanj Civil District. April 1992- June 2000.* (2004). Kolkata. In collaboration with D.K. Lahiri-Choudhury.

25. *The Asian Elephants in Orissa, India — Population status, Conservation and Management of Asian Elephants (Elephas maximus) in Elephant Reserves of Orissa, India.* An Occasional report of Asian Nature Conservation Foundation (ANCF) – Asian Elephant Research and Conservation Centre. (2004). Bangalore, India. In collaboration with Surendra Varma and R. Sukumar.
26. *Project: Elephant - Human Conflict in Asia, Report on Orissa – India (Part-I), State Report, April 1992- June 2000.* (2009). Kolkata. In collaboration with D.K. Lahiri-Choudhury.

c) REPORTS: (Five numbers)

27. Summarised report on Elephant Habitat Survey in Arunachal Pradesh. 1983-1984, IUCN / WWF Project-3031. Calcutta, 1984. In collaboration with D. K. Lahiri-Choudhury, B. Dey, K. K. Sar and A. Mukherjee.
28. Report of MAB Sub-Project No-9. On Impact of Construction and completion of Beas-Sutlej Project on Limnology and Fisheries of River Beas. 1985. (CIFRI). In collaboration with K. L. Sehgal and Sukhbeer Kaur.
29. Report of MAB Sub-Project No-9. On Impact of Construction and completion of Beas-Sutlej Link (BSL) Project on Limnology and Fisheries of River Beas. 1987. (CIFRI).). In collaboration with K. L. Sehgal, Sukhbeer Kaur and P. Jayapala.
30. Report on Impact of Construction and Completion of Beas Project (Stage-I-Beas-Sutlej link and Stage II-Pong dam) on Limnology and Fisheries of River Beas. By K. L. Sehgal. (CIFRI and NRCCWF). Collaborated as a member of Research team for the entire field study period.
31. Intensive Carp Culture Utilizing Biotechnological Tools for Achieving Fish Production Levels of 25 Tonnes/ Ha./Annum, Project Completion Report, 1989-1994. DBT Ref. No. BT/03/TF/27/003/88. By S. D. Tripathi and P. K. Aravindakshan (CIFA; ICAR, Kausalyaganga, Bhubaneswar, Orissa. Collaborated as a member of Research team for the period of August, 1989 to June, 1992. Undated.

d) PREPARATION OF REPORTS / BOOKS: (Two numbers)

32. *Project: Elephant–Human Conflict in Asia: State Report on Meghalaya – India (Part – I) (1992–1999).* (2000). Asia Elephant Research and Conservation Centre, Bangalore. By Sujata Gurung and D.K. Lahiri Choudhury. Prepared for Publication.
33. *Project: Elephant–Human Conflict in Asia: State Report on Meghalaya – India (Part – II) (1992–1999).* (2001). Asia Elephant Research and Conservation Centre, Bangalore. By Sujata Gurung and D.K. Lahiri Choudhury. Prepared for Publication.

e) TRANSLATION OF BOOK:

34. From English to Bengali: ***Endangered Elephant (English) to Bipanna Hati (Bengali) ISBN 81-86385-50-9.***

f) ABSTRACTS: (Thirteen numbers)

35. Studies on a Hot Spring of Kullu, Himachal Pradesh. *National Symposium on Fish and their Environment.* Dec. 15-18, 1986. Abst. 73.
36. Role of Birds in the Ecology of Gobindsagar Reservoir, Bilaspur, Himachal Pradesh. *National Symposium on Fish and Their Environment.* Dec. 15-18, 1986. Abst. 74.
37. Abundance of Insects in the Fish Ecology of the River Beas. *National Symposium on Fish and Their Environment.* Dec. 15-18, 1986. Abst. 75.
38. Impact of Construction and Completion of BSL (Beas – Sutlej Link) Project on Species and Habitat of Cold-water Fish in River Beas. *Symposium on the Impact of Current Land*

Use Pattern and Water Resources Development on Riverine Fisheries, CICFRI, Barrackpore W.B. April 25-27, 1987 Abst. 33. In collaboration with K.L. Sehgal, Sukhbeer Kaur and P. Jayapala.

39. Environmental Stress Oriented Palatability of *Schizothorax richardsonii* in Pandoh Reservoir. *Symposium on growth, Development and Natural Resource Conservation*. Oct. 8-10, 1988. Abst.4. In collaboration with A. Prakash and Ranjana Saxena.
40. Critical-space Factor in Induced Breeding of Major Carps in Dry-bundh. *National Seminar on Management of Fisheries in Inland Open Water System in India*. CICFRI, Barrackpore. Dec. 16-18, 1988. Abst. In collaboration with Ranjana Saxena, U. K. Sar and A. Prakash.
41. Coefficient of Accessibility of food of Brown trout, *Salmo trutta fario* and *Schizothorax richardsonii* in R. Beas durig 1985-87. *National Workshop on Research and Development Needs of Coldwater Fisheries*. NRCCWF, Haldwani, 30-31 January, 1989. Abst. 12. In collaboration with K. L. Sehgal.
42. Impact of construction and completion of Beas-Sutlej Link (BSL) Project on Coldwater Fisheries of R. Beas in Himachal Pradesh. *National Workshop on Research and Development Needs of Coldwater Fisheries*. NRCCWF, Haldwani, 30-31 January, 1989. Abst. 14. In collaboration with K. L. Sehgal.
43. Improvised technique for better management of Fish nursery. *5th Annual Conference of National Environmental Science Academy*. Andhra University Vishakhapatnam. 3-5 June, 1989. Abst.-72. In collaboration with U. K. Sar, Ranjana Saxena and A. Prakash
44. Physico-chemical Characterstics of a Coldwater Stream, R. Sainj (H.P.). *Symposium on Environmental Protection-A Movement*. D.A.V. (P.G.) College, Muzaffarnagar. July 1989 Abst.-4. In collaboration with A. Prakash and Rekha.
45. Growth performance of African Catfish in freshwater ponds with various materials. *National seminar on recent advance in fish nutrition research*. Vidyasagar University, Midnapur. 1997. Abst.1. In collaboration with U. K. Sar and R. Sar.
46. Are Numbers Enough? Some lessons from the Elephant Census of Orissa, – 1979 and 1999. *National Seminar and Exhibition: "Call of the Elephant"*. Indian Museum, Kolkata, Abst. 2001. In collaboration with D.K. Lahiri Choudhury.
47. Killing Fields of Keonjhar (Orissa): An area of Intense Man–Elephant Conflict. *National Symposium on "Elephant Conservation, Management and Research"*. Rajaji National Park, Chilla, Uttranchal. Abst. 2001. In collaboration with D.K. Lahiri-Choudhury.

g) Perspective Plan Preparation for Elephant Reserves (Four numbers):

48. Perspective Plan for Mahanadi Elephant Reserve of Orissa. In collaboration with R. Sukumar and S. Varma. 2005.
49. Perspective Plan for Baitarani Elephant Reserve of Orissa. In collaboration with R. Sukumar and S. Varma. 2005.
50. Perspective Plan for Sambalpur Elephant Reserve of Orissa. In collaboration with R. Sukumar and S. Varma. 2005.
51. Perspective Plan for South Orissa Elephant Reserve of Orissa. In collaboration with R. Sukumar and S. Varma. 2005.

h) Publication in Souvenir and Daily News Paper (Two numbers):

52. "Elephant Corridor". In The New Indian Express, Dated 2nd September 2008, Bhubaneswar edition.
53. "Conflict in Conservation of natural flora & fauna: the Bio-diversity, in India". In the souvenir of Odisha Environment Congress 2011 – Celebrating forest for people.

i) SYMPOSIA / WORKSHOP ATTENDED: (Fifteen)

1. "National Seminar on Forty Years of Freshwater Aquaculture in India" during November 7-9, 1989. Organised by Association of Aquaculturists at C.I.F.A. (ICAR), Kausalyaganga, Bhubaneswar, Orissa.
2. National Symposium on "New Horizons in Freshwater Aquaculture" during January 23-25, 1991. Organised by Association of Aquaculturists at C.I.F.A. (ICAR), Kausalyaganga, Bhubaneswar, Orissa.
3. International Conference on "Land-water Interactions" during December 8-14, 1991. Organised by National institute of Ecology (NIE) and International Society for Tropical Ecology (ISTE); Sponsored by International Association for Theoretical and Applied Limnology (SIL) and United Nations Educational, Scientific & Cultural Organisation (UNESCO). Joint paper presented by first Author.
4. Workshop on "The Management of Elephant Corridors in Southern India" during December 21– 22, 2000. Organised by Salim Ali Centre for Ornithology and Natural History. Sponsored by Project Elephant, Ministry of Environment and Forest, Govt of India; Tamil Nadu Forest Department (Wildlife and Research); Karnataka Forest Department (Wildlife) with Asian Elephant Research and Conservation Centre, Bangalore. Presented paper.
5. Workshop on "Chemical Immobilisation of Elephant" at Buxa Tiger Reserve (Rajabhatkhawa) W. Bengal, during January 14 – 16, 2001. Organised by Centre for Ecological Sciences, Indian Institute of Science, Bangalore, India.
6. National Seminar and Exhibition: "Call of the Elephant" during August 18th to 19th 2001, at Indian Museum Auditorium and Ashutosh Birth Centenary Hall Kolkata, West Bengal. Organised by Pugmarks and Indian Museum. Presented paper.
7. National Symposium on "Elephant Conservation, Management and Research" during December 16th to– 20th, 2001, at Rajaji National Park, Chilla, Uttranchal. Organised by Project Elephant, Wildlife Institute of India and Chief Wildlife Warden, Uttranchal, Dehradun. Presented paper.
8. Indo-Norwegian Workshop on "Wildlife–Human Interactions" during 10th & 11th October 2007, at Jawaharlal Nehru Centre for Advance Scientific Research Conference hall, Indian Institute of Science Campus, Bangalore 560 012. Organised by Indian Institute of Science, Bangalore 560 012. Presented paper on "Elephant in Orissa – Status of Human - Elephant Conflict".
9. Workshop on "Elephant Management" at Manchabandha Central Nursery, Baripada, Baripada Forest Circle, Orissa, on 28th March 2008. Organised by Conservator of Forest and Field Director, Similipal Tiger Reserve, Baripada, Orissa, India. Presented paper on "Crop preference in elephant depredation prone area".
10. Workshop on "Man-Elephant Interface" at Regional Museum of Natural History, Bhubaneswar, Orissa, on 4th June 2008. Organised by State Wildlife Department, Govt. of Orissa. Participated as rapporteur for two sessions.
11. Workshop on "Communication Skills for Researchers" during 23rd & 24th July 2008, at Centre for Sustainable Technologies, Indian Institute of Science, Bangalore, Organised by Asian Nature Conservation Foundation, Innovation Centre, Indian Institute of Science, Bangalore.
12. Workshop on "Wildlife Conservation in Orissa" at Indian Institute of Mass Communication, Dhenkanal, Orissa, on 15th October 2009. Organised by Wild Orissa and Indian Institute of Mass Communication. Presented paper (PowerPoint) on "Elephant Conservation in Orissa".
13. Workshop on "Preventing the Next Emerging Zoonotic Disease in South Asia" at Sinclair Resorts Dooars, Chalsa, Jalpaiguri West Bengal, India. On 4th to 6th November 2009. Organised by Wildlife Trust and The Indian Institute of Science, Bangalore. Attended as part of Organising member.
14. Workshop on "Wildlife-Human Interactions: from Conflict to Coexistence in Sustainable Landscapes" at Centre for Ecological Sciences, Indian Institute of Science Bangalore, on 23rd

& 24th January 2010. Organised by Centre for Ecological Sciences, Indian Institute of Science Bangalore, under NINA Project. Presented paper (Power Point) on “Wildlife-Human Conflict in Orissa, with special reference to elephants”.

15. Workshop on “Wildlife-Human Interactions: from Conflict to Coexistence in Sustainable Landscapes” at Indian Institute of Science Bangalore, on 7th & 8th March 2011. Organised by **Indian Institute of Science Bangalore** and **Norwegian Institute for Nature Research**, under NINA Project. Joint paper presented by Prof. R. Sukumar on “Elephant-Human Conflict in Orissa, West Bengal and Nilgiri Biosphere Reserve”.

j) Report Prepared and Submitted at the instance of MoEF, Govt. of India:

1. Feasibility of Establishing Elephant Corridor in Jharsuguda – Sambalpur Region of Orissa. An Interim Feasibility Report. In Connection with the Commissioning of the Integrated Power Plant of the Sterlite Energy Limited at Brundamal (Bhurkamunda / Banjari) Jharsuguda, Orissa. Submitted to the MoEF and Orissa Forest Department. Prepared by the Centre for Ecological Sciences, Indian Institute of Science, Bangalore, India. Principal Investigator Professor R. Sukumar; and other team members are Sumanta Kundu, Rudra Narayan Pradhan, Amiya Sagar Sahu, K.G. Avinash, and N. Baskaran.

k) Site Specific Wildlife Conservation Plan Prepared and Submitted to fulfil the requirement of ToR, issued by the MoEF to the User agencies for establishment of industries / running of mines:

1. Thirteen Site Specific Wildlife Conservation Plan Submitted to the Forest Department, Govt of Odisha. Eight approved and rest is pending final approval.

l) Assignments by Govt. Department:

1. Bio-diversity Study of Chandaka WLS, assignment by DFO Chandaka Wildlife Division.

m) Member of Committees, appointed by Govt. of Odisha as an Elephant Expert:

1. To study the Diversion of 269.1698 hectares of forest Land for Malangtoli Iron Mines of M/s Orissa Sponge Iron Limited (OSIL) in Keonjhar District of Odisha.
2. To study the “Status/ Existence of Karo-Karampada Elephant Corridor in terms of its Functionality and Ecological Viability”, of Bolani Iron Ore Mines of SAIL, in Keonjhar District, Odisha.

Place: Bhubaneswar

(CHANCHAL KUMAR SAR)

Date : 31-03-2014