

LIST OF PROJECTS COMPLETED DURING 2007-2008

Environment Research Programme (ERP)

Sl. No.	Title of the Project	Name of Principal Investigator (PI) & Institute
1.	Development of indigenous membrane based process technology for treatment of oily wastewater specific to petroleum production of North-East Region	Dr. N.N. Dutta, Scientist E-II, Regional Research Laboratory Jorhat -785 006 Assam
2.	Development of manodispersed metal Electrodes for electrochemical Degradation of toxic synthetic organic pollutants from industrial effluents	Dr. M. Alagar, Department of Chemical Engineering, Algappa College of Technology, Anna University, Chennai-600 025Tamil Nadu
3.	Bio remediation of heavy metals Contaminated superfund sites and its Validation	Dr. S.K. Sanghi, Regional Research Laboratory Hosangabad Road, Bhopal -462026 M.P.
4.	Management of total dissolved solids	Dr. Kurian Joseph, Centre for Environmental Studies, Anna University, Chennai-600025 Tamil Nadu
5.	Development of low toxicity environment friendly gel casting systems for Industrial applications	Dr. BP Singh Regional Research Laboratory Bhubneswar - 751 013 Orissa
6.	Physico-chemical ex-situ remediation of soils, sediments or aquifers contaminated by hazardous waste	Dr. Shyam R Asolekar, Centre for Environment Science and Engineering, IIT, Powai, Mumbai-400076 Maharashtra
7.	Mass utilization of waste rubber in chunk rubber composite [CRC].	Dr. M.S. Banarjee, IRMRA, Thane-400604 Maharashtra
8.	Utilization of goethite for effluent treatment	Dr. Shashi Anand, Institute of Minerals and Materials Technology, Bhubneswar-751013 Orissa
9.	Bio composting from engineered natural fibers	Dr. Ajay Karamkar, IWST, Malleswaram, Bangalore-560003 Karnataka
10.	Identification and quantification of polycyclic aromatic hydrocarbons [PAHs] in soil and Gomti river sediment in Lucknow city.	Dr. Jai Raj Behari, ITRC, Lucknow-226001 U.P.
11.	Micro controller based monitor	Dr. Amod Kumar, Sector 30-C, CSIO, Chandigarh-160030
12.	Assessment of persistent organic pollutants -PCDDs and PCDFs in biological media.	Dr. Rekha Kashyap, NIOH, Meghani Nagar, Ahmedabad-380016
13.	Development of heterogeneous ion exchange membranes to be used in electrolysis process for the industrial effluent treatment	Dr. Promita Ray, Central Salt and Marine Research Institute, GB Marg, Bhavnagar-364002
14.	Large scale application of indigenous mosses as bio-monitor of intensity and heard for air borne metal precipitation	Dr. Dinesh Saxena, Barielly College, Bareilly
15.	Recovery of value added products from shrimp processing waste.	Dr. NM Sachindra/Sh. N Bhaskar MF&P Tech, CFTRI, Mysore-570013
16.	Ion Exchange and characterization studies of some hydride fibres materials and their environmental applications	Prof. K.G. Varshney, Applied Chemistry Aligarh Muslim University, Aligarh 202002
17.	Development of environmentally and ecological safe methods for the control of major insects pests of pea crop in Himachal Pradesh	Dr. K.C. Sharma Department of Entomology, Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Solan-173230 Himachal Pradesh

Ecosystem Research Scheme (ERS)

Sl. No.	Title of the Project	Name of Principal Investigator (PI) & Institute
1.	Biodiversity assessment of the freshwater fishes of the Andaman and Nicobar Islands	Dr. Priya Devidar Prof. & Head Salim Ali School of Ecology and Environmental Sciences, Pondicherry Univ. Pondicherry-605014.
2.	Biodiversity of Vesicular arbuscular mycorrhizal fungi and their application for conservation of selected endangered economic plant species of Jharkhand State	Prof. (Dr.) A.K. Roy Deptt. of Botany T.M. Bhagalpur University Bhagalpur-812007 Bihar.
3.	Ecology and bio-diversity of insectivorous birds in an agro-environment (Nagapattinam District, Tamil Nadu).	Dr. S. Asokan Reader in Zoology & Biology, AVC College (Autonomous) Mayiladuthurai Mannampandal-609305, Tamil Nadu
4.	Fungal endophytes of medicinal plants in Tamil Nadu forests	Prof. J. Muthumary CAS in Botany Madras University Chennai.
5.	Development of Eco restoration Model for Iron Ore Mines of Bihar & Orissa	Dr. (Mrs.) P. Soni Forest Soil and Reclamation Division Forest Research Institute P.O. New Forest Dehradun- 248 0061
6.	14/23/2001-ERS/RE Status and Ecology of the Andaman Crane	Dr. Lalitha Vijayan, Salim Ali Centre for Ornithology and Natural History Anaikatty P.O. Coimbatore-641 708.
7.	Evaluation of erodability in selected soil series of watershed under different agroclimatic situations of West Bengal	Dr. P.K. Tarafdar Deptt. of Soil and Water Conservation, Faculty of Agriculture, Bidhan Chandra Krishi Viswavidyalaya Mohanpur, Nadia West Bengal-741 252.
8.	Water and light use characteristics of the vegetation in the different strata of a tropical moist deciduous forest.	Dr. Jose Kallarackal Kerala Forest Research Institute Peechi-680 653 Thrissur, Kerala.
9.	Insects as Bio-indicator for ecosystem health	Dr. P. Haldar Deptt. of Zoology Visva Bharti University Santiniketan-721 235 West Bengal.
10.	Characterization of Plant Biodiversity, community structure and population behaviour of some important tree species at the community forests of Nagaland	Dr. S. Alemmeren Jamir, Deptt. of Botany Fazl Ali Govt. College Nagaland
11.	Imposex in marine gastropods as a possible index of TBT contamination along Southern coast of India	Dr. A. Murugan, Senior Lecturer, Suganthi Devadason Marine Research Institute, 44 Beach Road, Titucorin, Tamil Nadu
12.	Studies on the Entomofaunal diversity and their interactions in selected provenances of Sandal	Dr. R. Sundar Raj Institute of Wood Science & Technology P.O. Malleswaram Bangalore-560003.
13.	Seed germination and natural regeneration in tropical rain forest of Andaman Islands	Dr. C.B. Pandey Hort. & Forestry Div. Central Agriculture Research Institute, P.B. No. 181, Port Blair, A&N Islands.
14.	Mapping Biodiversity of the Myristica swamps in Southern Kerala	Dr. P. Vijaykumaran Nair Kerala Forest Research Institute, Peechi-680 653 Thrissur, Kerala.

Eastern and Western Ghats Research Programme (E&WGRP)

Sl. No.	Title of the Project	Name of Principal Investigator (PI) & Institute
1.	Conservation through micro-propagation and restoration of endemic endangered and economically useful plants of the Kollu Hills in the Eastern Ghats of Tamil Nadu	Dr. John Brito, St. Josephs College, Tiruchirappalli-620002
2.	Study of conservation biology, propagation and assessment of genetic diversity of some rare and endangered tree species of Eastern Ghats through molecular techniques	Dr. P.C. Panda Regional Plants Resource Centre, Bhubaneswar-751015
3.	Evaluation of the foraging requirements of a threatened endemic passerine, the white-bellied shortwing, in natural & Disturbed habitats for conservation planning in the Western Ghat's	Dr. Anindya Sinha, National Instt. Of Advanced Studies, Indian Institute of Science Campus, Bangalore-560012
4.	Land use change and its impact on selected biophysical and socio-economic aspects of Karuvanur river basin in Thrissur District of Kerala	Dr. P.K. Muraleedharna, KFRI Peechi-680653

Policy Research Project

Sl. No.	Title of the Project	Name of Principal Investigator (PI) & Institute
1.	Estimating the economic value of forest lands in different Bio geographic zones in India – A methodology	Prof. Kanchan Chopra, Head Environment and Resource Economics Unit, Institute of Economic Growth, University of Delhi, North Campus, New Delhi – 110007

NNRMS

Sl. No.	Title of the Project	Name of Principal Investigator (PI) & Institute
1.	Monitoring and Modelling and Landcover use & Biodiversity in Dehang – Debang Biosphere Reserve, Arunachal Pradesh	Dr.K.G. Saxena, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi 110 067
2.	Forest Fire Dynamics and Vegetation Regeneration Analysis using Remote Sensing in Bandipur National Parks of Western Ghats	Prof. R.K. Somashekar, Department of Environmental Sciences, Bangalore University, Bangalore – 560 056
3.	Key conservation issues in the Semi-arid Deccan Pleateau an use of GIS to study Ecological Degradation and suggest Management Strategies for Critically Endangered Grassland areas in the Deccan Pleateau'	Dr.Erach Bharucha, Institute of Environment Education and Research, Bharati Vidyapeeth, Deemed University, Katraj-Dhankawadi, Pune 411 043
4.	Studies on Spatial Pattern and Landscape Structure of Major Wetlands of Orissa using High Resolution Remote Sensing Data	G. Behera,Orissa Remote Sensing Application Center, Plot No. 45/48(Part), Jayadev Vihar, Nr. Gopabandhu Academy of Administration. Unit-16, Bhubaneswar- 751023

Wetlands

Sl. No.	Title of the Project	Name of Principal Investigator (PI) & Institute
1.	Conservation of wetlands in and around Vadodara city	Dr. Diwakar Sharma, Sr. Ecologist, Gujarat Ecological Society, Gujarat
2.	Assessment of heavy metals in predominant aquatic Macrophytes of Upper Lake, Bhopal	Dr. S.M. Mishra, Environmental Research Laboratory, Bhoj Wetland Project (EPCO)
3.	Assessment of explosive aquatic weed growth, their taxonomy, ecology and impact of the Kuttanad wetland ecosystem, Kerala State	Dr. K. Sankaran Unni, Guest Faculty, School of Environmental Sciences, Mahatma Gandhi University

Biosphere Reserves

Sl. No.	Title of the Project	Name of Organization
1.	Conservation of Lobastor in the Gulf of Mannar	Fisheries College and Research Institute, Tamilnadu Veterinary and Animal Sciences University, Thoothukudi 628 008
2.	Inventory and Ecological Survey of Bat Species and their impact in Agasthiyar Hill Biosphere Reserve	Bat Research Laboratory,Department of Adv. Zoology and Biotechnology, Sarah Tucker College, Tirunelveli – 627 007, Tamil Nadu
3.	Community Ecology of detritus system: Insects and Fungi Associated with fallen trees in Nilgiri Biosphere Reserve	Institute of Wood Science and Technology, 18th Cross, Malleswaram, Bangalore
4.	Evaluation of Conservation strategies for the sustainable utilization of herbaceous bioresources in the sholas of Nilgiris, the Western Ghats	Kongunadu Artsand Science College, Coimbatore 641 029, Tamil Nadu
5.	Exploitation of mycorrhizal Systems in the Nilgiri Biosphere Reserve Areas in India	Institute of Forest Genetics and Tree Breeding,Forest Campus, R.S. Puram, Coimbatore 641 002 Tamil Nadu

National River Conservation

Sl. No.	Title of the Project/Scheme	Name of the Town/City
1.	Public Participation & Awareness	Kapurthala , NRCP
2.	Public Participation & Awareness	Sultanpur Lodi, NRCP
3.	Low Cost Sanitation	Kanpur, GAP-II, Main Stem
4.	Interception & Diversion	Kanpur, GAP-II, Main Stem
5.	Interception & Diversion	Kanpur, GAP-II, Main Stem
6.	Solid Waste Management	Kanpur, GAP-II, Main Stem
7.	Interception & Diversion Part-II	Anupshaher, GAP-II, S.C.Towns
8.	Sewage Treatment Plant	NRCP
9.	Improved Wood Crematoria	Asansol, GAP-II, DAP
10.	Main Pumping Station Part-II	Barrackpore , GAP-II, Main Stem
11.	Public Participation & Awareness	Rishra GAP-II, Main Stem
12.	Public Participation & Awareness	Baidyabati, GAP-II, Main Stem
13.	Sewage Treatment Plant	Baidyabati, GAP-II, Main Stem
14.	Public Participation & Awareness	Bansberia, GAP-II, Main Stem
15.	Sewage Treatment Plant	Badreshwar-Champadani, GAP-II, Main Stem
16.	Public Participation & Awareness	Badreshwar-Champadani, GAP-II, Main Stem
17.	Lifting Station	Uttarpara-Kotrung, GAP-II, S.C. Towns
18.	Public Participation & Awareness	Garulia, GAP-II, S.C. Towns
19.	Solid Waste Management	Maheshtala, GAP-II, S.C. Towns

NRCP	→	National River Conservation Plan
S/C Towns	→	Supreme Court Order Towns
GAP-II	→	Ganga Action Plan Phase-II
DAP	→	Damodar Action Plan