

LIST OF PROJECTS SANCTIONED DURING 2006-2007

Ecosystem Research Scheme (ERS)

S.No.	Title of the project	Name of the organization
1.	Aquatic biodiversity and function of hyporheic biotope in a regulated river of Doon Valley.	Deptt. of Environmental Sciences, H.N.B. Garhwal University, P.B.-67, Srinagar-Garhwal-246 174, Uttarakhand
2.	Diversity and ecology of mites infesting medicinal plants of West Bengal	University of Calcutta, 35, Ballygunge Circular Road, Kolkata-700 019
3.	Impact of land use on vegetation and soil carbon, net primary productivity and nitrogen budget in tropical dry deciduous forest of Barnawapara Sanctuary	Department of Forestry, Indira Gandhi Agricultural University Raipur-492 006
4.	Ecology and biocontrol potential of the "Giant Coccinellid Predators of Aphids"	Deptt. of Life Sciences, Tripura University, Agartala-799 004, Tripura(W)
5.	Diversity and distribution of Asterinaceous fungi in India	Tropical Botanic Garden & Research Institute, Palode-695 562, Thiruvananthapuram, Kerala
6.	Biodiversity studies of Orthoptera in Kaziranga National Park, Assam	Rain Forest Research Institute, P.B. No. 136, Deovan, Sotai, Jorhat-785 001
7.	Restoration of certain mining sites of Gujarat by application of VAM fungi	Department of Botany, Faculty of Science, The M.S. University of Baroda, Vadodara-390002
8.	Inventory and documentation of mushrooms of tribal importance in Wayanad District of Kerala	Tropical Botanical Garden & Research Institute, Pallode, Thiruvananthapuram-695562
9.	Vulnerability assessment, nutrient pool and vegetation response of Alpine ecosystem to climate change in Himalaya, India	HIPPRC, HNB Garhwal Univ., Post Box No. 14, Srinagar-246174
10.	Studies on ecosystem level changes following the gregarious flowering of <i>Melocanna baccifera</i> in Mizoram	Deptt. of Forestry, Mizoram University, Tanhril Campus, Aizawal-796009

Environment Research Programme (ERP)

S.No.	Title of the project	Name of the organization
1	Environmental acceptability of pre-cast stabilized block using treated municipal marginal solid waste	RV College of Engineering, Bangalore
2	Development of bio-fiber reinforced sandwich structure	RV College of Engineering, Bangalore
3	Phyto-removal of heavy metals from industrial effluents	IIT, Kanpur
4	Isolation and characterization of actinomycetes and analysis of their antibacterial potential	Deptt of Zoology, Delhi University, Delhi-110007
5	Hybrid process for the conversion of lignocellulosic materials	RV College of Engineering, Bangalore
6	Eco-friendly approaches for the management of major pests and diseases in wetland rice ecosystem of Tamil Nadu	Tamil Nadu Agricultural University, Coimbatore
7	Utilization of agricultural waste for the development of useful advanced Ceramics	NIT, Rourkela
8	Impact assessment of environmental hazards caused by slaughter house wastes and control of pollution by recycling the wastes as animal feed	Deptt of Animal Nutrition, Faculty of Veterinary & Animal Sciences, West Bengal University of Animal and Fishery Sciences, 37,Kshudiram Bose Sarani, Kolkata- 700 037
9	Destruction of volatile organic compounds (VOCs) over perovskite-type compounds : Development of a catalytic oxidation device	Regional Research Laboratory, Bhubaneswar-751013
10	Utilization of brown coir waste pith for lignin degrading enzymes production and development of value products from the fermented waste pith	Regional Research Laboratory, Thiruvananthapuram-695019
11	Nature friendly formulation and commercialization of indigenous botanicals against major insect pests and diseases in cruciferous crops in HP	Rice and Wheat Research Centre, Malan-176047 (Nagrota Bagwan) District Kangra, H.P.
12	Chronic exposure to environmental toxins and the risk to human health	Human Genetics Unit, Indian Statistical Institute, 203, B.T. Road, Kolkata-700108
13	Impact of natural gas flare on growth and yield development in rice	Dept. of Environment Science, Tezpur University, Tezpur -784028

- 14 A sequential biological treatment to handle complex wastewaters containing phenol, thiocyanate and ammonia-nitrogen
Deptt of Civil Engineering, IIT, Guwahati-781 039

Eastern & Western Ghats Research Programme (E&WGRP)

S.No.	Title of the project	Name of the organization
1.	Ecology of co-existing owls, spotted owl (Athene brama) barn owl (Tyto alba) in Madurai District, Tamil Nadu, South India	Saraswathi Narayaranan College, Madurai-625022
2.	Distribution, abundance and conservation status of the slender loris in the Eastern and Western Ghats, India	National Institute of Advanced Studies, IISc Campus, Bangalore-560012
3.	Ex-situ conservation of some of the Red Data listed plants of Eastern and Western Ghats of Tamilnadu, through in-vitro methods	Bharathidasan University, Tiruchirappali, Tamilnadu-620024
4.	Biodiversity of mites associated with insects in Western Ghats	Tamil Nadu Agricultural University, Coimbatore-641003
5.	Tolerance of indigenous forest species to degraded lateritic soils of Kerala	Kerala Forest Research Institute, Peechi, Kerala-680653
6.	Impact of agricultural pesticides on the population status and breeding success of select species of fish-eating birds in Tamil Nadu	Division of Eco-toxicology, SACON, Coimbatore-641108
7.	Studies on the biodiversity of hyphomycetes in dry deciduous forest soils and litters of semi-arid tropical areas of the Puttaparthi Mandal, Ananthapur District	Sri Satya Sai Institute of Higher Learning, Prasanthinilayam-515134 (AP)
8.	Need for conserving forest canopies-Assessing the diversity of canopy insects in the Western Ghats	Institute of Wood Science and Technology, PO Malleswaram, Bangalore-560003
9.	Establishment of in-vitro gene banks Nothopodytes foetida (Wt.) Sleumer-Threatened species of Western Ghats	Bangalore University, Bangalore-560056
10	Ecosystem structure and dynamism, biodiversity, human dimensions and their linkages of Eringole Sacred Grove in the Western Ghats of India	Kerala Forest Research Institute , Peechi, Thrissur, Kerala-680653

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| 11 | Behavioural ecology of the lesser dog faced fruit bat <i>Cynopterus brachyotis</i> | Madurai Kamaraj University,
Madurai-625021 |
| 12 | Investigation on tree ring analysis of certain species in Western Ghats monitor climate changes and its relevance to wood quality | Institute of Wood Science and
Technology, P.O. Malleswaram,
Bangalore-560003 |

Policy Research

S.No.	Title of the Project	Name of the organisation
1	Feasibility of embodying incentive based environmental regulatory instruments State and Central taxation regimes	Madras School of Economics, Chennai and NIPFP, New Delhi
2	Is India tunnelling through an Environmental Kuznet's Curve (EKC)	The Energy Research Institute (TERI) Darbari Seth Block, India Habitat Centre, Lodhi Road, New Delhi-110003
3.	Policy, institutional & legal barriers to economic utilisation of fly ash	The Energy Research Institute (TERI) Darbari Seth Block, India Habitat Centre, Lodhi Road, New Delhi-110003

Wetlands

S.No.	Title of the Project	Name of the organisation
1.	Investigation on the impact on hydrology interventions on the fish biodiversity and fisheries output of chilka lagoon	Chilka Development Authority, C-II, BJB Nagar, Bhubaneswar, Orissa
2.	Study of Wetlands in Gujarat with special emphasis to the information networking on habitant and networking on habitant and diversity	Gir Foundation Gujarat Ecological Education and Research Foundation (GEER), Ahmedabad
3	Impacts of land use changes on the ecology of Kol wetlands (part of Vembanad-Kol – A Ramsar Site	Research & Post Graduate Department of Zoology, Christ College, Kerala
4	Pre-feasibility Study (PFS) on Kolleru Lake restoration	EPTRI, Hyderabad

National Natural Resources Management System (NNRMS)

S.No.	Title of the Project	Name of the organisation
1.	National Wetland Inventory and Assessment	Space Application Centre, Indian Space Research Organisation, Ambawadi Vistar P.O., Ahmedabad – 380 015
2.	Assessment and evaluation of seagrass resources of India in two Oceanic Island groups (Andaman and Nicobar and Lakshdweep), through conventional ground surveys and Satellite Remote Sensing	Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai – 608 502, Tamil Nadu
3.	An integrated Environmental Analysis of Liddar Watershed using Satellite Remote Sensing and GIS : A step towards sustainable development	Department of Geology & Geophysics, University of Kashmir, Hazratbal, Srinagar Kashmir – 190 006, Jammu & Kashmir
4.	Monitoring of coastal environment with special reference to disaster mitigation using high resolution satellite data and GIS	Centre for Remote Sensing and Geo-informatics, Sathyabama Institute of Science & Technology, Deemed University, Jeppiar Nagar, Old Mamallapuram Road, Chennai–600 119
5.	Biomass estimation of Teak forests using microwave Remote Sensing	Centre for Remote Sensing and Geo-informatics, Sathyabama Deemed University, Jeppiar Nagar, Old Mamallapuram Road, Chennai – 600 119
6.	Techniques of survey and planning for conservation and sustainable use of biodiversity in Mizoram, North Eastern Region	Ashoka Trust for Research in Ecology and the Environment, B-80 Shivalik, Malviya Nagar, New Delhi - 110 017.
7.	Impact assessment, monitoring and management of Resources due to changes in the IGNP command area using Remote Sensing	Maharshi Dayanand Saraswati University, Pushkar By Pass Road, Ajmer – 305 009

Biosphere Reserves

S.No.	Title of the Project	Name of the organisation
1.	Biodiversity of predatory acarina of Nidicolous habitat in the Pulney Hill Biospheres of Western Ghats in Tamil Nadu	Department of Agricultural Entomology, Agricultural College and Research Institute, Madurai 625 104
2.	Linking conservation and forest management with sustainable livelihoods and resource use conflict in Agasthyamalai Biosphere Reserve	Kerala Forest Research Institute, Peechi, Kerala – 680 653

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| 3. | Collection, identification and documentation of foliicolous fungi endomycorrhizal fungi and lichens in Silent Valley National Park (Nilgiri Biosphere Reserve) | Tropical Botanic Garden & Research Institute, Palode, Thiruvananthapuram, Kerala |
| 4. | Study of keystone species and associates in Agastiyamalai Biosphere Reserve | Centre of Environment and Development, TC 9/2598, D1, Elankom Gardens, Vellayambalam, Trivandrum – 695 010, Kerala. |
| 5. | Survey, screening and identification of both ectotrophic and endotrophic mycorrhizae of Kaziranga Biosphere Reserve Forest, Assam, India | Deptt. of Botany, D.R. College, Golaghat, Assam |

National River Conservation Plan

S. No.	Name of the Project/ Scheme	Name of the Town/ City
Haryana		
1	Consultancy Services for 'Engineering Technology Transfer to Urban Local Bodies (ULBs) for six towns	Faridabad(YAP-II)
2	Consultancy Services for 'Preparation of Reform Action Plan for Urban Local Bodies (ULBs) for six towns	Faridabad(YAP-II)
Orissa		
3.	Sewage Treatment Plant	Talcher (NRCP)
Tamilnadu		
4.	Interception & Diversion Phase-IV	Madurai (NRCP)
5.	Sewage Treatment Plant Phase-II	Madurai (NRCP)
West Bengal		
6.	Sewage Treatment Plant (a)	Naihati (S/C Towns)
7.	Sewage Treatment Plant (b)	Naihati (S/C Towns)
8.	Interception & Diversion	Budge-Budge (GAP-II)

YAP	→	Yamuna Action Plan
NRCP	→	National River Conservation Plan
S/C Towns	→	Supreme Court Order Towns
GAP-II	→	Ganga Action Plan Phase-II(Main Stem)