

CHAPTER-XII

CENTRE FOR SOCIAL FORESTRY AND ECO-REHABILITATION ALLAHABAD

Centre For Social Forestry and Eco-rehabilitation (CSFER), Allahabad was established in 1992 with the objective to nurture and cultivate professional excellence in the field of Social Forestry and Eco-rehabilitation in Gangetic plains of U.P., North Bihar and Vindhyan region of M.P. The center's mandate includes rehabilitation of degraded ecosystems, research and demonstration in social, farm and agroforestry, identification and development of seed production areas, production of quality planting stock and standardisation of planting techniques for forest species, research on biofertilisers for productivity enhancement of the area, and dissemination of the evolved technology to various target groups.

PROJECTS COMPLETED DURING 1998-99

Nil.

OLD PROJECTS CONTINUED DURING 1998-99

Project 1: (UNDP) Poverty alleviation and socio-economic upliftment of villages.

Objectives: Socio-economic upliftment of villages by increasing productivity through afforestation.

Achievements

Distributed suitable MPTs (Multipurpose Tree species) to the farmers of selected villages. Conducted training-cum-demonstration programme for target groups i.e. farmers, teachers, women, foresters, NGOs etc. regarding planting method and management. A total of 4,042 seedlings were distributed amongst the farmers of the selected 10 villages namely Jhalwa, Pepalgaon, Mandari, Asrauli, Akbarpur, Sallahapur, Lodhipur, Lalganj, Bariyari, Ambedkargaon and Kadilpur.

Project 2: (World Bank Project) – Wasteland and agroforestry development.

Objectives: (a) Establishments of effective afforestation model for development of wasteland sites. (b) To examine legal, administrative, social and policy aspects of crop establishment through people's participation.

Achievements

Various models and growth parameters for different species under water logged sites with various doses of fertilizer and mulch at Upardaha village in Handia Tahsil of Allahabad District are being tried.

Project 3: (World Bank) Environmental Rehabilitation – Vindhyan hills and Gangetic plains.

Objectives: To develop suitable technological package for rehabilitation of degraded sites in consonance with site specific current.

Achievements

PRA exercised to assess the socio-economic status of the identified degraded sites viz. salt affected lands (Pawri), marginal agricultural land (Kaju), moisture stress site (Old Cantt.), and mined areas (Shankargarh) revealed weak socio-economic status of the villages, degraded tree cover either in block or dispersed pattern insufficient to meet their biomass related needs and hence the gap in demand and supply of fuel, fodder, and timber, low productivity of area owing to small and fragmented land holdings, and willingness of the villagers to undertake the planting of MPTs (Multipurpose tree species) in their degraded lands. Survival rate and growth parameters are being recorded.

Project 4: (World Bank) - Productivity of ecosystems.

Objectives: (a) To develop reliable method to assess plant growth and productivity in plantations/ forest. (b) To determine the effect of biofertilizers particularly mycorrhizae on plant growth at various sites.

Achievements

Pot experiment to evaluate the efficacy of biofertilizer viz. VAM I, VAM II, *Rhizobium*, *Azotobacter* and PSM were taken up.

Project 5: (World Bank) - Planting Stock Improvement Programme.

Objectives: Development of Seed Production Areas, Establishment of Clonal Seed Orchard and Seedling Seed Production Areas.

Achievements

70 ha area has been selected after survey. Enumeration in 60 ha area of *Dalbergia sissoo* has been carried out. Trees are being marked. Culling is in progress.

3 ha CSO has been established at Gangapur Patia, Lalkua, Haldwani in collaboration with Silviculturist, Sal Region Haldwani of the UPFD (Uttar Pradesh Forest Department). Clones (30 nos) collected from different CPT's of *Dalbergia sissoo* were raised in the nursery of Silva Sal, Haldwani.

Project 6: (NABARD) - Development of Agroforestry models for the various Agro-ecological region.

Objectives: To develop silvi-agri, silvi-horti and silvi-pastoral models suitable for various agro-ecological region of Allahabad.

Achievements

Under this project, three micro watersheds namely Bharetha, Bamhrauli, and Bhagwatpur were selected. This year 52,224 plants were planted to develop silvi-agri, silvi-horti models in the farmers fields. Growth data of different models were recorded. The farmers were motivated for the use of biofertilizer. Incubation of biofertilizer was demonstrated at farmers field under the moisture conservation and rain water harvesting measures. Peripheral bunding were established in different micro watersheds. Survey was conducted to develop check dams/engineering structures, contour trenches and vegetative hedges.

NEW PROJECT TAKEN UP IN HAND DURING 1998-99

NIL.

EXTENSION

Transfer of Technology:

Under UNDP project, training-cum-demonstration programmes were organised at Ambedkergaon, Lalganj Bariyari, and Jhalwa. Approx a total of 400 people participated in this programme. Besides training-cum-demonstration programme for the forest Department staff in seed technology was also organised in August 1998 and 35 officials were trained.

FINANCIAL STATEMENT

I. PLAN

Sl.No.	SUB-HEAD		Expenditure (Rs. in lakh)
1.	A.	REVENUE EXPENDITURE (a) Research (b) Administrative Support	42.23
		Total for Revenue Expenditure 'A'	42.23
	B.	LOAN AND ADVANCES (a) Loan Advances (Conveyance) (b) House Building Advance	-
		Total for 'B'	-
	C.	CAPITAL EXPENDITURE (a) Building & Roads (b) Equipments, Library Books (c) Vehicles	0.25
		Total for 'C'	0.25
		GRAND TOTAL FOR A+B+C(PLAN)	42.48

II. NON-PLAN

1.	A.	REVENUE EXPENDITURE (a) Research (b) Admininistrative Support (Salary)	-
		Total Non-Plan	-
		TOTAL FOR PLAN + NON-PLAN	42.48

III. FUNDED PROJECT

	A.	World Bank Project	21.50
	B.	UNDP Project	0.53
	C.	NABARD Project	4.93
	D.	FORTIP	-
		GRAND TOTAL for (A+B+C+D) FUNDED PROJECT	26.96