

## LINKAGES AND COLLABORATIONS

6

During 2009-10, various externally funded projects by MoA, MoWR, MoRD under TDET, NAIP, etc. worth Rs. 1514.28 lakhs were undertaken at Institute HQrs and its Research Centres. The Institute and its Research Centres maintained linkages and collaborations as with the DoLR, MoRD, Ministry of Science & Technology, Ministry of Planning, State Agencies, SAUs and other ICAR institutes as detailed below:

### Dehradun

Sl. No.	Project	Sponsored by	Amount (Rs. lakhs)
1.	Centrally sponsored scheme–Micro Management of Agriculture Plan - Development of model watersheds under NWDPRRA at All 8 Research Centres and H&E Div. at Dehradun	Deptt. of Agriculture & Cooperation, Ministry of Agriculture, Govt. of India	590.22
2.	Enhancement of livelihood security through sustainable farming systems and related farm enterprises in north-west Himalayas - Dehradun	NAIP Project funded by world Bank	236.76
3.	Improvement of rural livelihood security in Hardoi and Fatehpur District of Uttar Pradesh through diversification in agriculture - Datia	NAIP Project funded by world Bank	178.60
4.	Participatory dissemination and assessment of land and water management technologies for livelihood security in rainfed areas of north-western Himalayas (TDET-MoRD)-D.Dun	Deptt. of Land Resources, Ministry of Rural Development, New Delhi under TDET scheme	90.70
5.	Resource Conservation and Management in Netrahalli watershed, Chitradurga district, Karnataka (TDET, MoRD) - Bellary Centre	Deptt. of Land Resources, Ministry of Rural Development, New Delhi under TDET scheme	82.96
6.	Assessment of impact of climate change on hydrology and crop production in the selected watersheds (NPCC) - Dehradun	NPCC Funded network project of ICAR (Institute Headquarters as a partner)	58.00
7.	Hydrological and economic evaluation of bamboo plantation in gullied lands under major ravines of India (NBM, MoA) - Vasad, Agra and Kota Centres	National Bamboo Mission, Department of Agriculture and Cooperation, Ministry of Agriculture	57.04
8.	Farmers' Participatory Action Research Programme (More crop and income per drop of water) - Dehradun and 8 Research Centres	Ministry of Water Resources, Govt. of India, New Delhi	50.00
9.	Assessment of impact of climate change on water energy nexus in agriculture under canal irrigation system - Dehradun	NAIP Project funded by world Bank	49.84

Sl. No.	Project	Sponsored by	Amount (Rs. lakhs)
10.	Development of model watershed Iduhatti in the Nilgiris - Udhagamandalam Centre	Hill Area Development Programme, Tamil Nadu	43.00
11.	Goat husbandry based integrated approach for livelihood security in disadvantaged district of Bundelkhand region - Datia Centre	NAIP Project funded by world Bank	29.50
12.	Landslide characterization and management plan for the Nilgiris - Udhagamandalam Centre	Hill Area Development Programme, Tamil Nadu	17.93
13.	Improving rural livelihood security through sustainable integrated farming system model and allied enterprises in baster region of Chattisgarh - Koraput Centre	NAIP Project funded by world Bank	13.29
14.	Information and Communication Technologies for efficient water management: US India collaborative extension outreach and distance education under AKI (AKI Project) - Chandigarh Centre	US India collaborative Project)	11.44
15.	Studies on afforested Shola species and swamps in the Nilgiris - Udhagamandalam Centre	Hill Area Development Programme, Tamil Nadu	5.00
	<b>Total</b>		<b>1514.28</b>

### Chandigarh

- ❖ Collaboration with *Sathuj Jal Vidut Nigam* on watershed management activities in catchment of Sathuj.
- ❖ Collaboration with Central Ground Water Board, Chandigarh, on ground water recharge through surface ponds.
- ❖ Active collaboration with Punjab Soil Conservation Department on structural design of soil conservation measures.
- ❖ Collaboration with Punjab Agricultural University, Ludhiana and YSPUHF, Nauni, Solan (HP) through meetings and workshops.
- ❖ Collaboration with National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, in regard to Guest Faculty.
- ❖ Collaboration with Panjab University, Chandigarh, for guest faculty.

### Udhagamandalam

- ❖ The Hill Area Development Programme (HADP), The Nilgiris
- ❖ Department of Agriculture / Horticulture / Agril. Engg., Govt of Tamil Nadu
- ❖ Department of Agriculture / Soil Conservation, Govt. of Kerala
- ❖ Leading NGOs – MYRADA, Dhan Foundation, Key Stone, NAWA
- ❖ Tamil Nadu Watershed Development Agency, Chennai
- ❖ Western Ghats Secretariat, Planning Commission, New Delhi
- ❖ UPASI - KVK, Coonoor
- ❖ Tamil Nadu Agricultural University, Coimbatore; Kerala Agricultural University, Trichur.

## Agra

- ❖ Deptt. of Agriculture & Cooperation, MoA, GoI, New Delhi for Resource Conservation and Management in Jalalpur watershed, Distt. Agra (U.P.).
- ❖ Ministry of Agriculture, Govt. of India, New Delhi, under National Bamboo Mission for study on Hydrological and economic evaluation of bamboo plantation in gullied lands under major ravines of India.
- ❖ Central Water Commission, Min. of Water Resources, GoI, New Delhi, for Farmers' Participatory Action Research Programme at ten villages of Agra district in U.P.
- ❖ Professional linkages with Forest Deptt. of U.P. in research. Work is being executed at Manikpura village of Bah tehsil in collaboration - with DFO, Agra.
- ❖ Professional linkages with line departments, BSA Ram Ganga Command, and ICAR institutes like NRC Rapeseed and Mustard, Bharatpur (Raj.); CIRG Makhdoom, and CISH, Rehmankhara, Kakori Lucknow (U.P.).

## Kota

- ❖ Ministry of Agriculture, Govt. of India, New Delhi, under National Bamboo Mission for study on Hydrological and economic evaluation of bamboo plantation in gullied lands under major ravines of India.
- ❖ Deptt. of Agriculture & Cooperation, MoA, GoI, New Delhi for Resource conservation and management in Dhoti watershed, Distt. Kota (Rajasthan).
- ❖ Central Water Commission, Ministry of Water Resources, GoI, New Delhi, for Farmers' Participatory Action Research Programme (FPARP) at ten villages of Kota district in Rajasthan.

## Datia

No.	Project	Collaboration with
1	Improvement in livelihood security of rural people living in disadvantaged districts of Uttar Pradesh through diversification in Agriculture.	NAIP project under component -3 Sustainable rural livelihood security (SRLS), Consortia partner to CSAU Kanpur, SIRD, Lucknow and SMARP, Kanpur.
2	Goat husbandry based integrated approach for livelihood security in disadvantaged districts of Bundelkhand Region.	NAIP project, Consortia partner to CIRG Makhdoom, Mathura and NRCAF, Jhansi (UP).
3	Model watershed project Macro management of Agriculture	NWDPRRA, Ministry of Agriculture, Govt of India
4	Farmers participatory action research programme (FPARP)	Ministry of Water Resource, Govt of India

## Bellary

- ❖ Continued research collaboration with All India Coordinated Research Project on Dryland Agriculture (AICRPDA), CRIDA, Hyderabad in conducting experiments related to dryland farming and resource conservation.

- ❖ The Centre is represented at various scientific consortia for watershed development. Linkages were established with District Watershed Development Department, Bellary (Karnataka) for training of grass-root functionaries. Also linked with Watershed Development Department, Government of Karnataka and collected watershed.
- ❖ Seed production programme for jute, bengalgram and castor has been taken up in collaboration with National Seed Corporation.
- ❖ The Centre has been recognized as 'Resource Centre' for imparting customized training programme for the departmental staff of District Water management Agency (DWMA), Anantapur.
- ❖ Linkages were established with NGOs like Agriculture, Man & Ecology (AME) Foundation, Bellary; GUARD, Chitradurga; Rural Development Trust (RDT), Anantapur, Jnyana Sampada, Hadagali, Vahini Hospet, TRIBES, Bellary, Shubhodaya, Kudligi, Surabhi Kudligi etc.
- ❖ Linkage with Rainfed Farming System (RFS) Division, Ministry of Agriculture, New Delhi for strengthening capacity building for decentralized watershed management.
- ❖ Carrying out TDET project funded by the Ministry of Rural Development (MoRD), Government of India, New Delhi, at Netrenahalli, Chitradurga district (Karnataka).
- ❖ Carrying out macro management of agriculture (MMA) funded by NWDPR, Ministry of Agriculture, Government of India, New Delhi at Ramasagara, Chitradurga district (Karnataka).
- ❖ Carrying out farmers participatory action research programme (FPARP) on more crop and more income per drop of water. Demonstration of technologies in 10 villages (Karnataka & AP) funded by Ministry of Water Resources, New Delhi.

### Koraput

- ❖ Research Centre Koraput was identified as one of the Consortium Partner in NAIP project on 'Sustainable livelihood security, Component - 3' headed by IGKV, Raipur, Chhattisgarh as PI. The project 'Improving rural livelihood security through sustainable integrated farming system model and allied enterprises in baster region of Chattisgarh' is started from 2008.
- ❖ Research Centre Koraput has been awarded one of the MoWR sponsored research project on More Crop & Income per drop water headed by CSWCRTI, Dehradun as PI.
- ❖ Carrying out farmers participatory action research programme (FPARP) on more crop and more income per drop of water. Demonstration of technologies in 10 villages funded by Ministry of Water Resources, New Delhi.
- ❖ Professional linkages with District Watershed Missions of nearby districts and State watershed Mission of Orissa in various fields of watershed management, viz; Dept. of Soil Conservation, Orissa; linkages with NGOs like MSSRF, Jeypore; SCTI, Koraput; DRDA, Koraput; IGKV, Raipur; OUAT, Bhubaneswar; RAU, Pusa, Bihar; Orissa State Seeds Corporation, Jeypore.
- ❖ Macro Management of Agriculture (MMA) under NWDPR, MoA, GoI, New Delhi at Lachhputraghati (Orissa).