

Externally Funded Projects (ongoing) NBSS&LUP (ICAR)

Sr. No	Project Title	Principal Investigator	Sponsoring Agency
Inventorying Natural Resources			
1	Land resource inventory and GIS data base for farm planning in Coastal Region of West Bengal	Dr. S. K. Singh	Department of Agriculture, Govt. of West Bengal
2	Land resource inventory of 524 micro-watersheds in 7 backward districts of Karnataka under Sujala-III watershed development project (Component 1): support for improved program integration in rainfed areas	Dr. L. G. K. Naidu	Watershed department, Govt. of Karnataka
3	Detailed soil survey of Ladhawal Farm, district Ludhiana, Punjab	HRC Delhi	Directorate of Maize Research (ICAR), Pusa Campus, New Delhi
Issue based Soil Survey			
4	Assessment and mapping of some important soil parameters including macro and micro nutrients for the state of Sikkim towards optimum utilization of land resources and sustainable development	Dr. T. H. Das	Department of Agriculture, FS & AD Department, Govt. of Sikkim
5	Assessment and mapping of some important soil parameters including macro and micro nutrients for the state of Nagaland (1:50,000 scale) towards optimizing land use planning.	Dr. S. Bandyopadhyay	Department of Agriculture, Govt. of Nagaland
6	Soil fertility assessment and soil health monitoring in traditionally rubber growing areas of Kerala, Tamil Nadu and Karnataka	Dr. Anil Kumar K. S.	Rubber Research Institute of India (RRII), Rubber Board, Kottayam, Ministry of Commerce, Govt. of India
7	Soil fertility assessment and soil health monitoring in traditional coffee growing areas of Karnataka, Kerala and Tamil Nadu	Dr. K.M. Nair	Central Coffee Research Institute, Coffee Board, Ministry of Commerce, Govt. of India
8	Assessment of salt affected soils in Tamil Nadu and its impact on crop productivity	Dr. S. Thayalan	Tamil Nadu State Land Use Research Board
9	Fallow land of Tamil Nadu – causes, effects and measures for asserting the March of fallows	Dr. S. Dharumarajan	Tamil Nadu State Land Use Research Board
10	Desertification status mapping of India (2 nd Cycle)	Dr S. Dharumarajan	Space Application Centre (SAC), Ahmedabad
Basic Pedological Research			
11	Influence of organic and inorganic carbon sequestration on soil and land quality in	Dr. Tapas Bhattacharyya	Department of Science and Technology

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	selected benchmark spots of India (DST-IS-STAC)		
Land Evaluation and Land Use Planning			
12	Delineation of potential areas for Commercially important medicinal and aromatic plants in different areas of Karnataka using GIS tool	Dr. V. Ramamurthy	Central Institute of Medicinal and Aromatic Plants (CIMAP), DST
13	Assessment of environmental and economic impact of the new agricultural policy of Karnataka on land use, land productivity and rural livelihood.	Dr S.C. Ramesh Kumar	Department of Science and Technology
14	Modeling impact of climate change on soil quality and land use in arid, semi-arid and sub-humid regions of Karnataka for agricultural sustainability	Dr. V. Ramamurthy	Centre for Mathematical Modeling & Computer Simulation C-MMACS CSIR
Tribal Sub Plan (TSP)			
15	Livelihood improvement of Tribal communities in selected hamlets of H.D. Kote, Mysore through integrated land use planning (TSP).	Dr. V. Ramamurthy	ICAR under TSP fund
16	Strategy for sustainable management of soil and water resources for enhancing livelihood of farming community in Bali Islands, Sundarbans	Dr. K.D. Sah	ICAR under TSP fund
17	Land resource management for integrated farm planning in Bhomoraguri missing gaon, pub-teok circle, Jorhat, Assam	Dr. S. Bandyopadhyay	ICAR under TSP fund

Externally Funded Projects Recently Completed

Sr. No	Title of the project	Principal Investigator	Sponsoring Agency
Inventorying Natural Resources			
1.	Soil resource survey of Sugarcane Research Farm, Pusa, Samastipur, Bihar	Dr. S. K. Gangopadhyay	CIMMYT-India for Borlaug Institute of South Asia (BISA)
2.	Resource soil survey of Khamaria Seeds Farm in Jabalpur, Madhya Pradesh for Borlaug Institute of South Asia	Dr. Jagdish Prasad	CIMMYT-India for Borlaug Institute of South Asia (BISA)
Issue based Soil Survey			
3	Assessment and mapping of some important parameters including macro and micronutrients for the state of West Bengal (1:50,000 scale) towards optimum land use plan	Dr. D. Sarkar Dr. S. K. Singh	Department of Agriculture, Govt. of West Bengal
4	Assessment and mapping of some important soil parameters including macro and micro nutrients for the thirteen (13) priority districts of Assam state (1:50,000 scale) towards optimum land use planning	Dr. U. Baruah	Department of Agriculture, Govt. of Assam
5	Assessment and mapping of some important soil parameters including macro and micro nutrients at block level of Dumka, Jamtara and Hazaribagh districts for optimum land use plan.	Dr. A.K. Sahoo	Department of Agriculture and Cane Development, Govt. of Jharkhand
6	Soil based plant nutrient management plan for agro-ecosystems of Kerala	Dr. K. M. Nair	Kerala State Planning Board, Govt. of Kerala
Basic Pedological Research			
7	Georeferenced soil information system for land use planning and monitoring soil and land quality for agriculture (NAIP C-4))	Dr. Tapas Bhattacharyya	NAIP-ICAR
Remote Sensing and GIS Applications			
8	Development of soil reflectance methods and low cost sensors for variable rate inputs in precision farming (NAIP-Component 4)	Dr. R. Srivastava	NAIP-ICAR
9	Field data collection and analysis for "Soil Moisture : value added product generation using micro wave data" under RISAT project (Collaborative project with RRSC-C, Nagpur)	Dr. R. Srivastava	NAIP-ICAR
Land Evaluation and Land Use Planning			
10	Efficient land use based integrated farming system for rural livelihood security in Aurangabad, Dhule and Gondia districts of Maharashtra (NAIP C- 3)	Dr Arun Chaturvedi	NAIP-ICAR

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Soil Survey Data Interpretations and Applications			
11	Interpretation of soil nutrient database for site-specific fertilizer recommendation in different land use systems of West Bengal	Dr. S. K. Singh	Department of Agriculture, Govt. of West Bengal
Other Projects			
12	Strengthening of digital library and information management under NARS (e-Granth) (NAIP)	Dr GP Obi Reddy, CCPI Dr Jiji Cyriac, Co-PI	NAIP-ICAR