

INSTITUTE PROJECTS (ONGOING)

Sl. No.	Project Title	Principal investigator
Inventorying Natural Resources		
1	Land resource inventory of Madahalli and Singnallur micro watershed of Chamrajnagar district, Karnataka for integrated watershed planning	Ms. Vasundhara
2	Soil resource appraisal in the changing scenario of land use and degradation in the coastal salt affected areas of Balasore, Bhadrak and Kendrapara districts, Odisha	Dr. S.K. Gangopadhyay
3	Soil resource appraisal in the changing scenario of land use and degradation in the salt affected areas of lower part (Jagatsinghpur, Puri and Ganjam districts) of Odisha coast towards land use planning	Dr. S. Srinivasan
4	Land resource inventory for farm planning in Jhalarapatan block of Jhalawar district of Rajasthan	Dr. Ram Swaroop Meena
5	Soil resource inventory and land evaluation of Chittaurgarh district, Rajasthan for land use planning	Dr. Thakur Prasad Verma
6	Land resource inventory of KVK farms in South and South –Eastern Rajasthan	Dr. Thakur Prasad Verma
7	Land resource inventory of NICRA village (Patameghpur) in Jamnagar district, Gujarat	Dr. Ram Prasad Sharma
8	Soil Resources Inventory of Shimla district (part) of Himachal Pradesh for Horticulture Plantation	Dr. Charan Singh Walia
9	Soil Resource Inventory of IARI Farm , New Delhi	Dr. S. K. Mahapatra
10	Land resource inventory of arable land of Dimapur district, Nagaland (1: 12,500 scale) for farm planning	Dr. Shelton Padua
11	Soil resource inventory for developing geo-database and land use planning in Patnagarh sub-division of Bolangir District, Odisha	Dr. K.D. Sah
12	Soil Resource Inventory for Farm Planning in Titlagarh Subdivision of Bolangir District, Odisha	Dr. K.D. Sah

13	Development of web based GIS system for real-time field data collection, transfer, storing and retrieval	Mr. Nirmal Kumar
14	Land resource inventory for integrated agricultural planning of Miniwada Panchayat, Katol Tehsil, Nagpur using high resolution satellite data and GIS	Dr.(Ms.) Nisha Sahu
Remote Sensing and GIS		
15	Detailed Soil Mapping in Basaltic Terrain for Land Resources Management using Cartosat-1 data	Dr. M.S.S. Nagaraju
16	Integrated use of remote sensing and field data for assessing soil quality parameters of Parseoni watershed, Nagpur district, M.S.	Dr. J. D. Giri
17	Area prioritization for land use planning in some selected blocks of Bankura, Puruliya and West Medinipur districts - a remote sensing and GIS approach	Dr. S. Mukhopadhyay
18	Development of District Soil Information System (DSIS) on 1:50,000 scale (50 districts)	Dr. G.P. Obi Reddy
19	Development of Indian Soil Information System - A Geoportal	Dr. G.P. Obi Reddy
20	Digital terrain modeling for object-based automatic delineation and classification of landforms in Katol tehsil, Nagpur district using high resolution Cartosat DEM and IRS P6 LISS-IV data	Dr. G.P. Obi Reddy
21	Digital Soil mapping using digital terrain analysis and multispectral remote sensing data – A pilot study in Tandulwani watershed of Nagpur district, Maharashtra	Dr. Sudipta Chattaraj
22	Assessment and mapping of spatial variability of soil properties in basaltic terrain for precision agriculture using VNIR spectroscopy and geo-statistical techniques.	Dr. M.S.S. Nagaraju
Land Evaluation and Land Use Planning		
23	Land Use Planning of Khuskarni Watershed, Birbhum, West Bengal for Integrated Development	Dr. T.H. Das
24	Dynamics of land use plan and its impact on soil properties in Jalandhar district, Punjab	Dr. G.S. Sidhu

	state	
25	Development of district level land use plan for Gondia district, Maharashtra	Dr. T. K. Sen
26	Alternate Land use options for Chhata tehsil of Mathura district towards sustainable crop production and livelihood security	Mr. Ashok Kumar
27	Land use dynamics in rural-urban interface of NCR for regional planning – a case study of NCT-Delhi and Haryana sub-regions.	Dr. Tarsem Lal
28	Evaluation of management practice for sustainable cropping system in major soils of Shikohpur village	Dr. Dharam Singh
29	Development of district level land use plan for Bundi district (Rajasthan) under arid and semi-arid ecosystem	Dr. Ram Sakal Singh
30	Land use planning of Buraka micro watershed in Mewat district of Haryana under irrigated ecosystem for integrated development	Dr. S.K. Mahapatra
31	Developing alternate farming system model using soil resource information in the Akna Mirzapur village of Baruipur block (District : South 24 Parganas) of West Bengal	Dr. S. Ghoshal Chaudhuri
32	Development of district level land use plan for Almora district in Uttarakhand under hill and mountain ecosystem	Dr. S.K. Mahapatra
Basic and Fundamental Research		
33	Genesis, characterization, classification and use potential of calcareous soils for knowledge based land use planning in alluvial plains of North Bihar	Dr. T. Chattopadhyay
34	Generation and modeling of Carbon datasets in different Agro-ecological systems for climate resilient agriculture (NICRA)	Dr. S K Ray
35	Geo-morphological analysis and study on landform-soils-land use relationship in Karnataka	Dr. Sundararaj Thayalan
36	Characterization of Vertisols and its integrates in Eastern India for developing land use options	Dr. D. C.Nayak
37	Correlation of Soil Series of India	Dr. T. Bhattacharyya

38	Correlation of soil series of India and their placement in National Register : North Eastern States	Dr. U. Baruah
39	Correlation of soil series of India and their placement in National Register : Southern States (Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Goa, Puducherry and Lakshadweep)	Dr. L.G.K. Naidu
40	Correlation of soil series of India and their placement in the National Register for the western region (Gujarat and Rajasthan)	Dr. Ram Sakal Singh
41	Correlation of soil series of Eastern States (Bihar, Jharkhand, Orissa, Sikkim , A&N Islands and West Bengal)	Dr. A.K. Sahoo
42	Correlation of soil series of Northern States (Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Haryana and Delhi)	Dr. G.S. Sidhu
43	Studies on soil minerals and their genesis in selected benchmark spots representing different agro-eco subregions of India	Dr. P. Chandran
44	Nano-Clay Minerals of Typical Shrink Swell Soils: Their Separation and Characterization	Dr. K. Karthikeyan
45	Water retention characteristics and saturated hydraulic conductivity of dominant soil series of Yavatmal district, Maharashtra	Dr.(Ms) P. L. A. Satyavathi
Soil Survey Data Interpretation and Applications		
46	Effect of land use changes on total soil organic carbon (SOC) and its active pool in humid per humid eco-region of West Bengal	Dr. Dipak Dutta
47	Study the influence of Land Use System at Soil Properties under different geomorphic situation in Mahanadi Basin of Bolangir District, Odisha	Dr. (Ms.) T. Banerjee
Human Resource Development		
48	Human resource development in post graduate education and research in land resource management	Dr. T.K. Sen