

Natural Resources Data Management System (NRDMS) Project List 2006-07

Sl No.	File No.	Project Title	Name of the PI and Institution address	Duration (months)	Total cost
1	NRDMS/11/1027/05	Establishment of NRDMS database centre in Theni District of Tamilnadu	Dr. N. Chandrashekar, MS University, Tirunelveli - 627012	18	Rs.18,90,000/-
1.a	NRDMS/11/1027/05	Establishment of NRDMS database Centres in Cuddalore and Nagapattinam, Districts of Tamilnadu	Dr. S .Md. Gouse, Tamilnadu State Land Use Board , State Planning Commission, Chennai - 600005	18	Rs.37,80,000/-
2	ES/11/943/05	Mathematical modelling of flood inundation area due to tsunami by using high resolution altimetric LIDAR data under the GIS environment	Dr. Bharat Lohani , Dept. of Civil Engg., IIT Kanpur	36	31,59,000
3	NRDMS/11/1081/06	Mapping the Neighbourhood with students in Jhansi Division	Dr. AK Nigam , Dept of Civil Engg., Bundelkhand Institute of Engineering and Technology, Jhansi	15	25,39,000
4	NRDMS/11/1054/2006	National Conferences on "Land Information System" and "Urban Development and Municipal GIS"	Dr. R. Ramprasad, Spatial Networks Pvt Ltd, Hyderabad	N. A.	3,00,000
5	ES/11/733/03	One day workshop for creating awareness among rural people about role of S&T input in planning	Dr.G.S.Narula, Secretary, Mewat Development Society, Mewat, Haryana	N.A.	1,10,000
6	ES/11/1173/06	One day seminar on Spatial Data for Utility GIS in rural and urban areas at Bangalore	Institute of Surveyors, New Mehrauli Road, Delhi	N.A.	75,000
7	ES/11/092(2)/04	Indo Norwegian Workshop on Norwegian Method of Tunnel Technology	Dr.S.Kaliappan, Anna University, Chennai	N.A.	2,00,000
8	ES/11/652/02	An Assessment of Soil loss using Geographic Information System: A case study of river watershed from the Eastern Outer Himalaya, Arunachal Pradesh	Dr. R. C. Joshi, Rajiv Gandhi University, Itanagar	24	8.97,300
9	NRDMS/11/1128/06	Stability analysis and slope measures for few landslides affected areas in Tirumala Hills, Tirupati	DR K. S. Rao , Dept. of Civil Engineering, IIT Delhi	6	2,24,000
10	NRDMS/11/1166/06	International Symposium on "Geospatial databases for sustainable development"	Dr Shailesh Nayak, International Society for Photogrammetry and Remote Sensing, Hyderabad	N.A.	3,00,000
11	NRDMS/11/1084/06	Site suitability analysis for a landfill facility in the city of Guwahati: A GIS and Integrated waste management perspective	Dr. Atul Bora, Assam Engineering College, Guwahati	24	11,84,920
12	ES/11/092(60)/04	Geotechnical investigation, instrumentation and monitoring of Panthial and Pera Landslide along the NH-1A, Jammu & Kashmir	Dr. G.M.Bhat, University of Jammu, Jammu	36	44,89,200
13	NRDMS/11/1112/2006	Development of an integrated spatial database for sustainable ground water management plan for Bharatpur District, Rajasthan	Dr.D.K.Chadda, Global Hydrogeological Solutions, New Delhi	36	23,53,000
14	NRDMS/11/1117/06	Mapping the Neighbourhood Programme in Nagaland	Dr. Zavier Hisse, Nagaland Science and Technology Council, Kohima	15	18,80,000
15	NRDMS/11/1117/06	Mapping the Neighbourhood with students in Manipur State	Dr.S. Birendra Singh, Director, DOEACC Centre Imphal, Akampet, Imphal, Manipur	15	18,80,000

16	NRDMS/11/1177/06	Large Scale terrain mapping of Sonapur slides areas along NH-44 Meghalaya	Dr. Arun Kumar, Manipur University, Canchipur, Imphal	6	9,00,000
17	NRDMS/11/1044/05	Resistivity tomographic imaging study of some landslides in the Ooty areas, Nilgiris District, Tamil nadu	Dr. N. Ramanujam, Department of Geology & Research Centre, V. O. Chidambaram College, Tuticorin	18	11,22,800
18	ES/11/1197/2006	Spatial-temporal Assessment of Natural Resources in the Brahmaputra Basins	Dr.Subhashisa Dutta, Dept. of Civil Engineering, IIT Guwahati	36	20,86,320
19	NRDMS/11/(1272)/06	Tirumala Landslides and Mitigation Strategies	Dr. S. M. Ramasamy, Bharathidasan University, Tiruchirapally	36	14,33,200
20	NRDMS/11/092(80)/06	Geological and Geotechnical Investigation of Natwar Bazar Landslide near Rudraprayag Area, Uttaranchal	Dr. T. N. Singh, Deptt.. Of Earth Sciences, IIT Bombay	36	24,09,000
21	NRDMS/11/1039/05	Development of village information system for drought affected villages of Jhunjunu and Sikar Districts, Rajasthan	Brig P.K.Bhatnagar, AVSM, The Creative Centre for Rural Development, 156, Ansal Chambers – 11, 6 Bhikaji Cama Place, New Delhi – 110066	24	16,10,000
22	ES/11/092(61)/04	Detailed stability study of Tikkar landslides and cut slope stability analysis of Santoun Chandni Renuka Road, Sirmor, HP	Dr. N. K. Gupta, Deptt. Of Civil Engineering, NIT Kurukshetra	36	13,85,000
23	NRDMS/11/1172/06	Pilot vocational training project on Geospatial data collection at village level involving students, youth, and volunteers for local area development	Dr. Subhan Khan, NISTADS, New Delhi	18	9,88,080
24	NRDMS/LS(NE-2)/07	Landslide Micro-zonation, Risk Assessment and Remedial Measures along NH-150 and State Highway between UkhruL-Nunghar (Lunghar) and UkhruL-Paorei, Manipur"	Dr. RAS Kushwaha, Deptt. Of Earth Sciences, Manipur University, Imphal	24	11,90,000
25	NRDMS/11/092/07	Financial support for hiring space for organising DST exhibition during Map World Forum	GIS Development, NOIDA	N.A.	5,05,000
26	NRDMS/LS(NE-7)/07	Landslide mapping/ erosion aspects, vulnerability and risk assessment of Shillong Urban Area with special reference to Umshing micro-watershed	Dr. BS Mipun, Deptt. Of Geology, North Eastern Hill University, Shillong	24	7,31,000
27	NRDMS/1251/07	A week long short term training on "Natural Hazard management in Integrated Regional Development Planning - A Geomatics Approach"	Dr. MS Nathawat, Birla Institute of Technology, Mesra, Ranchi	N.A.	2,44,000
28	ES/11/982/2005	Empowering Youth Through Geo-informatics and participation for local area development for North Eastern Region	Prof. SC Patra , North Eastern Regional Institute of Water & Land Management, Dolabari, Tezpur, Assam	15	5,50,750
29	ES/11/982/2005	Empowering Youth Through Geo-informatics and participation for Local Area Development for Eastern Region	Dr. V. K. Baraik, Jharkhand Space Application Centre, Meurs Road, Ranchi	15	5,50,750
30	ES/11/982/2005	Empowering Youth Through Geo-informatics and participation for Local Area Development for Northern Region	Dr. JS Rawat, Deptt. Of Geography, Kumaon University, Almora	15	5,50,750

31	ES/11/982/2005	Empowering Youth Through Geo-informatics and participation for Local Area Development for Southern Region	Dr. P. Virupakshi, Karnataka State Council for Science & Technology, IISc Campus, Bangalore	15	5,50,750
32	ES/11/982/2005	Empowering Youth Through Geo-informatics and participation for Local Area Development for Western Region	Prof. RN Vyas, Deptt. Of Geography, MS University, Udaipur	15	5,50,750
33	NRDMS/11/1063/2006	GIS-assisted large scale mapping and evaluation of resource potential of the limestone deposits in Jaintia hills, Meghalay	Smt. Ajanta Sarma, Deptt. Of Geography, GC College , Silchar	24	1,283,025
34	ES/11/741/2003	Integrated hydrological study for sustainable development of two hilly watersheds in Uttaranchal	Dr. MK Jain, National Institute of Hydrology, Roorkee	60	4847000
35	ES/11/985/2005	Evolving a comprehensive developmental model based on argumentative maps for village level planning	Sh Ramprasad R., Executive Director (Projects), Sahanav, 203, Pavani Plaza, 6-2-984, Khairatabad, Hyderabad - 500004	24	1633000
36	ES/11/843/2004	creating Awareness about Applications of Geo-informatics for Local Problem solving	Mr. Vijay Kumar, Administrative Staff College of India , New Delhi	N.A.	12,050
37	NRDMS/11/1101/2006	Planning for Optimal Utilization of Water in three proposed reservoirs in North-East India	Dr. Bhibas Sarma Dept of Civil Engg. , Assam Engineering College, Guwahati	36	9,86,230
38	ES/11/1073/2006	Use of GIS and Remote Sensing Technologies for Sustainable Management of Natural Resources in part of Kalang Watershed, Assam	Dr. Sudip Mitra, Adjunct Faculty (TERI School of Advanced Studies & Research Associate) TERI North Eastern Regional Centre (TERI-NE), Chachal, Hengrabari, Express Highway, Near Doordarshan Colony, Guwahati – 36 (Assam)	24	18,36,200
39	NRDMS/11/1168/06	Co-sponsorship to organize NE-Geo 2006	Secretary, Centre for Geo-Information Technologies, New Delhi	N.A.	5,00,000
40	NRDMS/11/1056/2006	Development of Geo-visualization Tool for Natural Resource Management	DR. Piyush Kumar Pandey, consultant (Geo Spatial Computing), India Sponsor Foundation, B-110, Defence Colony, New Delhi	15	1,61,000
41	ES/11/741/2003	Integrated hydrological study for sustainable development of two hilly watersheds in Uttaranchal	Dr.M.K.Jain, NIH, Jal Vigyan Bhavan, Roorkee	60	48,45,864
42	ES/11/843/2004	Creating Geo-informatics Awareness among School Children for Local Planning and its Impact Assessment	Shri P.Umamaheswara Rao, Sahanav, Hyderabad	N.A.	24,14,300
43	NRDMS/11/1105/2006	Development and Implementation of Hydro Data Model for Building of State wide Hydrological Infrastructure	Prof A.K.Gosain, IIT, New Delhi	36	49,41,240
44	NRDMS/11/1162/2006	Irrigation Water Demand in Ranipur Watershed (Haridwar District, Uttaranchal) Using Geo-spatial Technology	Dr.Jayanta Kumar Ghosh, IIT, Roorkee	36	14,46,000
45	NRDMS/ 11/1163/2006	Hydrological Modelling of a watershed to Evaluate Impacts of watershed to Evaluate Impacts of Watershed Structures on Surface Flow and Groundwater Recharge	Dr.Rajinder Singh,IIT, Kharagpur	36	19,33,000

46	NRDMS/11/1022/2005	Establishment of NRDMS Centre in Dungarpur District in Rajasthan	Dr. M.P. Punia, BM Birla Science & Technology Centre, Jaipur	24	24,84,080
47	NRDMS/11/1093/2006	1st International Indian Geography congress at Osmania University, Hyderabad	Dr Kalpana Markandey , Osmania University, Hyderabad	N.A.	2,00,000
48	NRDMS/11/1159/2006	National workshop on Biodiversity, conservation and Management with Special focus on Natural Resources organised by Andhra Pradesh State Council fo Science and Technology	Dr.Vijaya Kumari, Andhra Pradesh State Council for Science & Technology, Hyderabad	N.A.	50,000
49	ES/11/1024/2005	Ecological Modelling and Energy DSS	Dr.T.V.Ramachandran, IISc, Bangalore	18	25,29,600
50	NRDMS/11/1155/2006	Brainstorming Workshop on Global Change and Terrestrial Eco-system: Special Emphasis to Climate Change and it Variability and Agriculture	Dr.N.K.Kalra, IARI, New Delhi	N.A.	1,70,000
51	NRDMS/11/1065/2006	Sediment and Flood Flow simulation model for river networks in Barak Basin incorporating hydrologic inputs from Chiri, Madhura and Ghagra microwatersheds	Dr.P.Choudhury, National Institute of Technology, Silchar	36	24,99,840
52	ES/11/833/2004	Development of Data on Rainfall, Runoff, Soil Loss Estimating SDSS for Extremely Humid Areas of the Central Meghalaya Plateau	Dr.Surendra Singh, North Eastern Hill University, Shillong	36	27,64,442
53	ES/11/351/98	Publication of documents prepared under the Co-ordinated Sub-programme on Bio-Geo Database and Ecological Modelling of Himalayas	Publication Manager, TERI Press, New Delhi	N.A.	7,47,100
54	NRDMS/11/1109/06	Silver Sponsorship of International Conference on Geoinformatics 2006 at JNTU, Hyderabad	Director, Jawaharlal Nehru Technological University, Kukatpally, Hyderabad	N.A.	25,000
55	NRDMS/ 11/1096/2006	Two days meeting on Data Model Development at JNTU, Hyderabad	Prof. M Anji Reddy Jawaharlal Nehru Technological University, Kukatpally, Hyderabad	N.A.	5,000
56	NRDMS/11/1144/2006	Joint Meeting with US Scientists to formulate a "Road Map" for implementation of Indo-Flux Programme on 'Geo-spatial characterization of Environment, Monitoring of Ecosystems and Sustainable use of Natural Resources by Indo - US Forum, New Delhi	Indo-US S&T Forum, New Delhi	N.A.	6,00,000
57	NRDMS/11/1050/05	Exhibition of DST and its Institutes in (a) Map Middle East Dubai (b) Map Asia 2006, Bangkok	GIS Development , G-4, Sector 29, Noida	N.A.	15,00,000
58	NRDMS/11/1077/2006	Providing support services for the programme entitled 'Future City 2020 for India'	President, Resource Development Centre, New Delhi	N.A.	10,02,500
59	NRDMS/11/1046/2005	Evolution of High Resolution surface wind structure of tropical cyclone and estimation of inland inundation of storm surge: A pilot study of village information system for Nellore District of Andhra Pradesh	Prof AD Rao , CAS, IIT Delhi	12	4,90,350
60	NRDMS/11/1187/2006	Indo-Canada Workshop on Spatial Data Infrastructures and Disaster Management	India Habitat Centre, New Delhi	N.A.	71,000

61	NRDMS/11/1231/2007	Advanced Working Group Meet on Hyperspectral signature databases management systems - a development perspective	Dr.S.Rajendran, Annamalai University, Chennai	N.A.	2,80,000
62	NRDMS/11/1191/2006	Three day workshop on National Spatial Data Infrastructure of senior-level officials from States	Prof. B.M.Naidu, Administrative Staff college of India, Hyderabad	N.A.	4,05,000
63	NRDMS/11/1193/2006	Development of Web Based Karnataka State Geo-portal and Data Clearing House: KSSDI	Karnataka State Council for Science and Technology, Indian Institute of Science Campus, Bangalore - 560012	12	2,53,08,775
64	ES/11/751/03	Website Auditing of NRDMS division	Network Security Solutions, Noida, UP	N.A.	53,875
65	DST/1/11/2006-DMC	Setting up of an Indian Weather Portal	Federation of Indian Chambers of Commerce & Industry, New Delhi	N.A.	14,00,000
66	ES/11/965/05	Generation of Large Scale Village Resource Information System for the Tsunami Affected Village/block in Chennai, Tamilnadu using Remote Sensing and GIS Techniques	Mr. M Jaysilan , Sathyabama Deemed University , Chennai	12	8,35,000
67	ES/11/966/05	Morphological Change Detection using Differential SAR Interferometry in the Tsunami Affected Coastal Areas in Tamil Nadu	A Surendran, Sathyabama Deemed University , Chennai	12	903600
68	NRDMS/11/1069/06	Summer School on Geospatial Technologies and Applications at CSRE, IIT, Mumbai	Dr.Chandrashekhar, IIT Bombay	N.A.	5,25,000
69	ES/11/962/05	Application of GIS to Acidity and Fertility Management of Tea Soils of South India	Dr. S.Venkateshan, Head, Chemistry Division, UPASI Tea Research Foundation, Tea Research Institute, Valparai - 642127, Coimbatore District, Tamilnadu	24	10,50,800
70	ES/11/979/05	Development of Spatial Decision Support System to suggest Sustainable Agricultural Crop Pattern for Udumalpet Canal Command Area of Parambikulam Aliyar	Sh. D. Satishkumar, Satyabhama Deemed University Chennai	18	9,12,200
71	NRDMS/11/1070/06	Short term training programme in Geospatial Technologies	Dr. M. Anji Reddy, JNTU, Hyderabad	N.A.	5,40,000
72	NRDMS/11/1071/06	Customization of GIS based Tourism Information and Promotion System for Tourism Industry in Eastern UP	Dr.Nutan Tyagi, DDU Gorakhpur University, Gorakhpur	36	15,00,000
73	ES/11/1024/2005	Upgradation and Application of NRDMS Technology in Local Level Planning in District Almora, Uttaranchal	Dr. JS Rawat, Dept of Geography, Kumaon University, Almora	24	33,20,000
74	NSDI/342/OG/04	Annual subscription fee to Open Geospatial Consortium Inc. (OGC) for renewal of membership of DST	Vice President, Open Geo-spatial Consortium, USA	N.A.	12,66,375
75	ES/11/1118/2006	Training workshop on "Modelling Geo-spatial Data for Sharing and Interoperability"	Prof NL saran, Computer Science & Engineering, IIT Bombay	N.A.	2,12,500
76	ES/11/1164/2006	Interoperability Workshop at India Habitat Centre, New Delhi	Dr.A.K.Gosain, Civil Engineering, IIT Delhi	N.A.	2,87,000
77	NRDMS/11/1024/05	Upgradation and Application of NRDMS Technology in Local Level Planning in District Almora, Uttaranchal	Dr.J.S.Rawat, Kumaun University, Almora	24	32,38,400

78	ES/11/951/05	RS and GIS Tools to support conservation and sustainable management of sacred groves in Kodagu District	Dr. G.S. Dwarakish, National Institute of Technology, Karnataka, Surathkal	36	11,04,000
79	NRDMS/11/978/05	Development of an Enterprise GIS based on Open GIS Standards	Dr.S.K.Ghosh. IIT, Kharagpur	24	39,30,000
80	NRDMS/11/1007/05	Development of Hydrogeologic and Ground Water Quality Database for Assessment of Impacts of Agriculture on Groundwater Resources in Amritsar and Jalandhar Districts, Punjab	Dr.V.V.S.Gurunadha Rao, National Geophysical Research Institute, Hyderabad	24	38,50,000
81	NRDMS/11/1233/07	Extending Framework for WFS-based Interoperability of GIS Sources	Prof NL saran, Computer Science & Engineering, IIT Bombay	24	17,70,000
82	NSDI/342/OGC/04	Annual subscription fee to Open Geospatial Consortium Inc. (OGC) for renewal of membership of DST t	Vice President, Open Geo-spatial Consortium, USA	N.A.	12,37,500