

**Centre for Ecological Economics and Natural Resources
Institute for Social and Economic Change**
Nagarabhavi, Bangalore-560072
Website: www.isec.ac.in

9. Research Studies Completed

Sl. No.	Project Title	Sponsorer	Coordinator	Project Staff	Date of Commencement	Date of Completion
1.	Prospects for enhancing circular economy; strategies for policy inclusion and green finances: A case study in peri-urban landscape of India”.	NIDM, Govt. of India	Prof. Sunil Nautiyal		2021	2023
2.	Utilization of Bamboo resources for livelihood development and sustainability”	Maharashtra Bamboo Development Board, Nagpur,	Prof.Sunil Nautiyal, ISEC, Dr. S Manasi, CRUA, ISEC & Dr. Bibhu Prasad Nayak, Associate Professor, TISS Hyderabad		2022	2023
3.	Assessment of Carrying Capacity of an Eco-sensitive Landscape of Western Ghats	Karnataka Forest Department (CAMPA	PI: Dr.Sunil Nautiyal Co-PI: Dr. S Manasi		2022	2023
4.	Climate resilient agriculture and socio-ecological sustainability: A case study	(NIDM, Govt. of India),	Dr. Sunil Nautiyal		2020	2021
5.	Exploring wild Edibles of the Male Mahadeshwara Betta(MM Hills) and their potential for the socio-economic development of local people” funding support	Department of Science and technology(DST) Government of India	Dr. Sunil Nautiyal		2018	2021
6.	Vulnerability of Diverse Communities to Climate	Environmental Management Policy	Dr M		2020	2021

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	Change in Different Districts of Karnataka	Research Institute (EMPRI), Govt of Karnataka	Balasubramanian			
7.	“ICIMOD-SANDEE Project on “Institutional and Economic Analysis of Human-Wildlife Conflict Mitigation in the Indian Coffee Plantations”	ICIMOD-SANDEE	Dr. A V Manjunath		2019	2023
8.	Climate Change , Dynamics of Shifting Agriculture and Livelihood Vulnerability in the North Eastern Region of India”	ISEC & ICSSR	Sunil Nautiyal		2018	2022
9.	Carbon Footprint and changing lifestyles of Indian Households	GIZ Office (India), New Delhi - 110 029	Sunil Nautiyal & Dr. Mrinalini Goswami		2020	2022
10.	Economic Assessment of Forest Ecosystem Damages from Climate Stressors in Forestry Sector of Karnataka	Karnataka Forest Department, Government of Karnataka	Dr. M Balasubramanian		2021	2022
11.	Documentation of People’s Biodiversity Registers (PBRs) in five districts of Karnataka	Karnataka Biodiversity Board, Government of Karnataka, Bangalore	Dr. Sunil Nautiyal & Dr. M Balasubramanian		2018	2021
12.	Ecosystem Services and Human Well-being: Application of Sen’s Capability Approach,	ISEC	Dr. M Balasubramanian		2017	2020
13.	Improving Farmers’ Income and Welfare	Karnataka Agriculture Price Commission, Government of Karnataka	Co-PI: Dr. M Balasubramanian			
14.	Impact of Climate Change on Vulnerable sections on SCs/STs and Women in Karnataka,	Environmental Management Policy Research Institute (EMPRI), Department of	Dr. M Balasubramanian		2016	2017

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		Forest Ecology and Environment, Government of Karnataka.				
15.	Multidimensional Well-being: Conceptual, Methodological, and Analytical Perspectives	Indian Council of Social Science Research, India and Université de Lausanne, Switzerland	Co-PI: Dr. M Balasubramanian		2015	2017
16.	Accounting for Urban Ecosystem Services: A Case Study of Bangalore	ISEC	Dr. M Balasubramanian			
17.	An Economic Value of Forest Resources: A Case Study of Nine Districts in Karnataka” sponsored by New Delhi	Indian Council of Social Science Research (ICSSR),	Dr. M Balasubramanian		2018	2020
18.	Exploring Wild Edibles of the Male Mahadeshwar Betta (MM Hills) and their potential for the socio-economic development of local people Government of India.	through scientific and technological interventions, Department of Science and Technology (DST),	Dr. Sunil Nautiyal		2017	2020
19.	Breakeven Analysis in Dairy Farm Enterprises and Strategies for its Sustainable Growth under NDP-1 -Karnataka State	AERC Sardar Patel University, Vallabh Vidyanagar Dist: Anad Gujarat	Dr. A.V.Manjunatha		2019	2019
20.	Integrating air and space-borne spectroscopy and laser scanning to assess structural and functional characteristics of crops and field margin vegetation.	Department of Biotechnology, Government of India	Dr. Sunil Nautiyal and Dr. Meenakshi Rajeev		2017	2020
21.	Urbanization of Agricultural Land, Fodder and Dairy Production, and Resource Use Efficiency at the Rural-Urban Interface	(International Centre for Development and Decent Work (ICDD), University	Dr. Sunil Nautiyal		2016	2018

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		of Kassel, Germany).				
22.	Conservation of Agro-biodiversity and ecosystem management: a study in Indian agroclimatic sub-zones'	Technology Information, Forecasting and Assessment Council (TIFAC), DST, Government of India.	Dr. Sunil Nautiyal		2014	2019
23.	Land use change and soil fertility.	ZALF, Germany	Dr. Sunil Nautiyal		2016	2017
24.	Enabling tribal communities to improve livelihoods and enhance biodiversity conservation: Scientific and technological interventions for sustainable ecosystem development in BR Hills, Western Ghats	(DST, Government of India).	Dr. Sunil Nautiyal			
25.	A model based approach to analyse climate change impacts in rural regions of India and to explore potential adaptation strategies	(AvH, Germany).	Dr. Sunil Nautiyal			
26.	Livelihoods, Vulnerability and Adaptation Strategies to Climate Variability and Change: A bottom up approach to simulate the climate change impacts in two sensitive ecological regions	(biodiversity hotspots) of India (DST, Government of India	Dr. Sunil Nautiyal			
27.	Evaluation study on impact of implementation of Western Ghats Development Programme in Karnataka	RDPR, Govt. of Karnataka	Dr. Sunil Nautiyal			
28.	Eco-diversity study in and around the BARC Project site at Challakere, Chitradurga District, Karnataka.	Bhabha Atomic Research Centre, (BARC), Govt. of India).	Dr. Sunil Nautiyal			
29.	Baseline Study of Flora Fauna at proposed uranium mining site at Gogi, Gulbarga district, Karnataka	Department of Atomic Energy, Bhabha Atomic Research Centre (BARC), Government of India	Dr. Sunil Nautiyal		2010	2012
30.	Climate Change: Mitigation and Adaptation Strategy, Programs and Pilot Projects for Karnataka – a bottom-	Sanctioned by World Bank	Dr. Sunil Nautiyal			

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	up approach.					
31.	Study of Developmental Programmes and Scheme of the Departments of Forest, Ecology and Environment	Expenditure Reforms Commission	Dr. Sunil Nautiyal			
32.	Urban Influence on Rural and Peri-urban Landscapes: Socioeconomic and Ecological Perspective		Dr. Sunil Nautiyal			
33.	Forest Resources and Economic Growth: An Enquiry into the Growth Linkages of Forest Cover in Indian States		Dr. Sunil Nautiyal			
34.	Evaluation Study on Western Ghats Development Programme		Dr. Sunil Nautiyal		2012	
35.	Enabling tribal communities to improve livelihoods and enhance biodiversity conservation: Scientific and technological interventions for sustainable ecosystem development in BR Hills, Western Ghats	DST SEED Division, GoI	Dr. Sunil Nautiyal		2012	2013
36.	Livelihoods, Vulnerability and Adaptation Strategies to Climate Variability and Change: A bottom up approach to simulate the climate change impacts in two sensitive ecological regions (biodiversity hotpots) of India	DST, GoK	Dr. Sunil Nautiyal and Dr. K.S. Rao Faculty Department of Botany, Delhi University Dr. K.V. Raju CEENR, ISEC		2012	2014
37.	Socio-economic Impact of Project Intervention in Two Zones - Maland and Dry Zones in Karnataka (Case Study)		Dr. Syed Ajmal Pasha		2012	
38.	Valuing Forest Ecosystem Services-Case Study of the Nargarhole National Park, Karnataka		Dr. K.N. Ninan		2012	
39.	Tata Coffee Limited: Human Development Report of Plantation Workers		Dr. Syed Ajmal Pasha		2011	

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40.	Land Policy and Administration (Assignment)		R.S. Deshpande P.G.Chengappa N. Sivanna and S. Manasi		2011	
41.	Status of Women in Karnataka - a Monograph		Dr.K G Gayathri DeviDr. Lekha Subaiya		2011	
42.	Assessing the Environmental Burden of disease of air pollution: A case study of two metropolitan cities – Bangalore and Hyderabad		Dr. Syed Ajmal Pasha		2010	
43.	Baseline study of Flora Fauna at Proposed Uranium Mining Site at Gogi, Gulbarga District, Karnataka	Department of Atomic Energy, BARC, Government of India	Dr. Sunil Nautiyal		2010	2012
44.	Evaluation of Udyogin iScheme in Karnataka		Dr.KGGayathriDevi Dr. S Erappa			June2011
45.	Vulnerability Index Project under EOAM		Dr.G.S.Sastry			March2011
46.	The Impact of Forest Coffee Certification Schemes on the Socio- Economic Sustainability: Case Studies from		Dr.BibhuPrasadNayak			May2011
47.	Health and Livelihoods of Community and Traditional Medicinal Plants: SWOT of Two Agroclimatic Zones of India		Dr.K.LeninBabu			December 2010
48.	Gender and Governance in Rural Services		Dr.K.G. Gayathri Devi Dr. Regina Birner (IFPRI) & Dr.MadhushreeSekher (TISS, Mumbai)			December 2010
49.	Eco-threats of E-Waste: A Case Study of Bangalore City		Dr.S. Manasi Dr.BibhuPrasadNayak			December 2010
50.	Review of Developmental Programmes and Schemes of the Departments of Forest, Ecology and	Expenditure Reform Commission	Dr.SunilNautiyal			December 2010

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	Environment					
51.	Towards Improving Participatory Irrigation and Performance of Water Users Associations under JICA Assisted Irrigation Projects in India-Understanding the Institutional Dynamics, Performance and Benefits		Dr.R.S.Deshpande Dr. S. Manasi Dr.BibhuPrasadNayak Dr. K. Lenin Babu			December 2010
52.	Forest Resources and Economic Growth: An Enquiry into the Growth Linkages of Forest Cover in Indian States		Dr.Bibhu PrasadNayak Dr. Sunil Nautiyal			October2010
53.	Climate Change, Agriculture, Poverty and Livelihoods: A Status Report	ISEC	K.N.Ninan	Satyasiba Bedamatta	September 2009	August2010
54.	Evaluation of Sanitary and Phytosanitary Measures of Uruguay Round on Supply Chain: A study on Teasector of Nilgiri region of South India	SANEI, Islamabad, Pakistan	K.V.Raju K.LeninBabu	--	November 2007	August2010
55.	Urban Influence on Ruraland Peri-urban Landscapes: Socioeconomic and Ecological Perspective	ISEC	SunilNautiyal	Prapulla	February 2009	August2010
56.	Comprehensive District Development Plan(CDDP) Jajpur District (Orissa State)	Government of Orissa	BibhuPrasadNayak R.S.Deshpande		July 2008	February 2010
57.	To create content and learning modules for a mobile ecology laboratory	Agastya Foundation International, Bangalore	K.V.Raju	K.Lenin Babu	November 2007	November 2009
58.	Strategy and Methodology for Improved IWRM–An Integrated Interdisciplinary Assessment in Four Twinning River Basins	Norwegian Institute for Water Research (NIVA),Norway	K.V.Raju S.Manasi	S. Puttaswamaiah N. Latha UmeshBabu M.S. HarishKumar a B.K.	July2006	November 2009

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59.	Making Decentralisation and Local Governance Work for the Rural Poor: Lessons from India	International Food Policy Research Institute, USA	K.V. Raju Madhushree Sekher	--	November 2007	April 2009
60.	Review and Strategy Guide lines and Institutional Mechanisms for Watershed Programs in India	International Crops Research Institute for the Semi Arid Tropics, Hyderabad	K.V.Raju	Madhushree Sekher	December 2006	April 2009
61.	Electricity Pricing in Karnataka: An Analysis	ISEC	K.N.Ninan	--	Jan.2007	March 2009
62.	Quality Standards in International Markets: Challenges and Consequences for Smallholders and Tea Processors in Developing Countries	University of Copenhagen, Denmark	K.V.Raju	K.Lenin Babu	April 2007	May 2007
63.	Strategic Integrated Environmental and Social Assessment	I&CAD,	K.V.Raju	R.S.Deshpande	July 2006	December
64.		Government of A.P.		K.Lenin Babu		2007
65.	Multi-level Environmental Governance and Sustainable Local Management of Natural Resources	IFAR- International Food Policy Research Institute, USA	Madhushree Sekher	Harish Kumar a B.K.	September 2006	July 2007
66.	Global Scoping Study on Ecosystem Services	World Agroforestry Centre (ICRAF)	K.V.Raju	Madhushree Sekher N. Latha	February 2006	December 2007
67.	Tank Systems in the Mid-Godavari Basin – Valuation of Ecological, Economic and Social Services	World Wide Fund (WWF)	K.V.Raju	S.Manasi K.Lenin Babu	April 2005	December 2007
68.	Urban Water Supplies: Emerging Alternatives – Case Study of the extent of Ground Water Use and its Implications in Hubli, Dharwad and Belgaum Cities	Karnataka Urban Infrastructure Development & Finance Corporation, Bangalore	K.V.Raju	S.Manasi N. Latha N. Deepa Hema Nagaraj	August 2005	June 2007

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69.	Role of Market Based Instruments in Industrial Pollution Abatement: A Comparative Study of India and France	ISEC, Bangalore	G.S.Sastry	--	January 2005	March 2006
70.	Rapid Assessment of Socio-Economic Aspects of Upper Bhadra Project	Karnataka Neeravari Nigam Limited, Bangalore	Raju, K.V., S. Puttaswamaiah	K.Lenin Babu	February 3, 2006	March 16, 2006
71.	Water Pricing and Productivity – A Review of Evidences with Special Reference to India	ISEC, Bangalore	K.N.Ninan	--	January 1, 2006	June 30, 2006
72.	Eleventh Finance Commission's Grants for Administrative Upgradation and Effective Service Delivery in Karnataka: with special reference to development and welfare programmes,	Finance Department, Government of Karnataka, Bangalore	Syed Ajmal Pasha	--	April/June 2004	December 2005
73.	Rapid Assessment of Participatory Irrigation Management in Andhra Pradesh	Development Support Centre, Ahmedabad	K.V.Raju	Shashidhara H.L.	January 2005	July 2005
74.	Socio-economic and Ecological Feasibility Study of the Riparian Floodplain Restoration Programme for Increased Stream Flows	SRTT	Malavika Chauhan	Kavitha B	July 2004	March 2005
75.	Urban Infrastructure Imperative and Rain Water Harvesting: Opportunities and Challenges	SRTT Fellowship, in collaboration with Dr.K.V.M. Varambally, Director, Manipal Institute of Management, Manipal	Syed Ajmal Pasha	--	July 2004	March 2005

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76.	AlternativestoRuralWaterSupply:ASTudyofGujaratandKarnataka	International Water Management Institute-TATA	K.V.Raju	--	May2003	September 2004
77.	InstitutionsforRuralInfrastructure:EmergingTrends.	International Food Policy Research Institute	K.V.Raju	--	May2003	September 2004
78.	EnergyuseandpolicyinFranceandlessonsforIndia	ISEC,Bangalore	K.N.Ninan	--	April2002	September 2003
79.	TheEnvironmentalKuznet'sCurve--EvidenceswithIndianand Japanese Data	ISEC,Bangalore	K.N.Ninan	--	January 2004	June2005
80.	Livestock-EnvironmentInteractions:Issues,Problemsand Prospects		SyedAjmalPasha	--	August2001	September 2003
81.	UrbanWaterSupply:AComparativeStudybetweenBangalore and Paris	SRTT	G.S.Sastry	--	November 2003	October2004
82.	UrbanisationandKarnatakaEnvironment	Planning Commission	G.S.Sastry	--		