

Dr. I.K. MANONMANI

Assistant Professor

Department of Geography

School of Earth and Atmospheric



Mobile No: 9442027300

Email: ikmm141@rediffmail.com

Educational Qualifications : M.Sc., M.Phil., B.Ed., Ph.D., C.Lib., PGDCA.,

Professional Experience : 27 Years

FIELD OF SPECIALIZATION

- Urban Geography
- Economic Geography
- Population Geography
- Cartography
- Climatology and Hydrology
- Regional Planning
- Environmental Studies
- Remote Sensing and GIS
- Women Studies

RESEARCH SPECIALIZATION

- Land Use/Land Cover Changes
- Urban Geography
- Women Studies

Research Supervision:

Program	Completed	Ongoing
Ph.D	Nil	3
M.Phil	Nil	Nil

PROFESSIONAL EXPERIENCE

No	Institution	Position	From (date)	To (date)	Duration
01	Evening College, M.K. University	Lecturer	1991-1992	1993-1994	3 Years
02	Department of Geography, M.K. University	Technician	1991-1992	1998-1999	8 Years
03	Department of Geography, M.K. University	Technical Officer	2007	2010	4 Years
04	Department of Geography M.K. University	Assistant Professor	2010	Till Now	8

COMPLETED RESEARCH PROJECT

No	Title of the Project	Funding Agency	Total Grant	Year
01	NGOs in Women Empowerment – A Geospatial study in Usilampatti Taluk, Madurai District, Tamil Nadu.	UGC	Rs. 6, 54,600/-	2012-2014
02	A Spatio-Temporal Analysis of Land Use/Land Cover Change and Impacts of Quarry Dumps on agricultural Land Using	ICSSR	Rs.5,00,000/-	2013-2015

	GIS – A Case Study of Melur Taluk in Madurai District, Tamil Nadu			
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ON-GOING RESEARCH PROJECT

No	Title of the Project	Funding Agency	Total Grant	Year
01	“A Geographical Study of Solid Waste Disposal and Management in Madurai City, Tamil Nadu”	ICSSR	Rs. 3,00,000/-	2018

PUBLICATIONS

- Women empowerment through SHG,s in KovilangulamPanchayat,Usilampatti taluk, Madurai district –A case study Asian Journal of Management Research ISSN 2229 – 3795
- Geographical analysis of Heart Diseases:Trichirappalli, Tamilnadu, India Scholars Research Library Archives of Applied Science Research, 2011, 3 (2):63-74 ISSN 0975-508XODEN (USA) AASRC9
- Agricultural Infrastructure And Level Of Modernization Among The Rural farmers During The 80' Thirupparankundram Panchayat Union of Madurai District International Journal of Current Research Vol. 33, Issue, 5, pp.143-148, May, 2011, ISSN: 0975-833X
- Socio-Economic Characteristics And Problems Of Suburbs: A Case Study Of Madurai City, Tamil Nadu ,Recent Research in Science and Technology 2011, 3(3): 111-119 ISSN: 2076-5061

- An analysis of Fringe Suburb Residential Pattern: A Case Study of Madurai City, Tamil Nadu, India Journal of Experimental Sciences, Vol 2, No 2 (2011) Online ISSN: 2218-1768
- Spatio Temporal Analysis of Land Use in Fringe Area using GIS a Case Study of Madurai City, Tamil Nadu International Journal of Geomatics and Geosciences Volume 1, No 2, 2010 ISSN 0976 – 4380
- Land Use Pattern, Suburban Development and Environmental Problems in Madurai Metropolitan Area– Journal of Spatial Science, Vol.1 Number 1 & 2 2007 – 08 ISSN 0974 – 7125, Department of Geography, Osmania University, Hyderabad
- Studies in Land Use Planning and Environmental Management – Special Assistance Programme, Department of Geography, Osmania University, Hyderabad

PAPER PRESENTED IN CONFERENCE/SEMINAR/WORKSHOP

Name of the Conference	Date	Place	Title	Author(s)
International Seminar on Innovations in Teaching, Research and Management in Higher Education Organized by Center for Educational Research Madurai Kamaraj University	21 st and 22 nd March 2012.	MKU	Innovative Methods and Techniques in Higher Education at Rural Colleges	
International Conference on Population Dynamism and Sustainable Resource Development organized by Department of Geography, Aligarh Muslim University, Aligarh	March 25 th to 27 th , 2012	Aligarh Muslim University, Aligarh	A Spatio Temporal Analysis of Population Characteristics in Madurai District	
International Conference on Population Dynamism and Sustainable resource development organized by Department of Geography, Aligarh Muslim University, Aligarh	March 25 th to 27 th , 2012	Aligarh Muslim University, Aligarh	Human Resources: Human Health and Extreme Weather”	
National Geography Conference to be held at University of Kelaniya, Sri	10 th and 11 th Aug ust,	Sri Lanka	Evaluation of Land use/ land cover change	

Lanka	2012.		Using GIS: A Case Study of Melur Taluk”	
XXXII INCA International Congress on Cartography for Sustainable Earth Resource Management held at Dehradun	11 th -13 th October 2012.	Dehradun	Spatio – Temporal Changes on Demographic Characteristics in 2001- 2011- A Case Study of Tamil Nadu	
International Conference on Climate Change: Present Concerns organized by Department of Geography, Andhra University, Visakhapatnam, India,	23-24 June, 2013.	Visakhapatnam	Spatio-Temporal Analysis of Rainfall Patterns in Madurai District, Tamil Nadu using GIS”	
International Seminar on A Temporal Analysis of Economic and Political Status of De-Notified tribes (DNTs) in India and Contribution of the PasumponMuthuramalingaThe var for the cause of Rights and Welfare of DNT's			குற்றப்பரம்பரையினராகக்ருதப்பட்ட தனித்துவம் வாய்ந்தபிறமலைக்கள்ளர்கள்	
International Conference			பசும்பொன் தேவரும் - ரேகைச்சட்டமும்	
Thirtieth Annual conference of the Institute of Indian Geographers , Department of Geography, University of Pune, Pune from 20 th to 22 nd February 2009			Spatio-Temporal Analysis of Land Use in Fringe Area Using GIS: A Case study of Madurai City, Tamil Nadu”	
Thirty first annual conference of Institute of Indian Geographers at Post Graduate Department of Geography, Jnana Bharathi, Bangalore, Bangalore University of Bengaluru, Karnadaka	19 th to 21 st February 2010.	Bengaluru	Socio-Economic Characteristics and Environmental Problems of Residential Sub urbs: A Case Study in	

			Madurai City”	
34 th IIGs meet and National Conference on Natural Resource Management and Decentralized Planning at Centre for Earth Science Studies, Thiruvananthapuram, Kerala	December 13 th to 15 th , 2012.	Thiruvananthapuram	Quality of Life in Urban Areas - Spatial Analysis: A Case study of Madurai City	
National Seminar on Geoinformatics in Land and Water Resources Studies conducted by the Department of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli	March 1 – 2, 2013	Tiruchirappalli	E-Governance in Urban Planning Using GIS: A Case Study of Madurai City	
			Empowering women through SHGs in Usilampatti Taluk, Madurai District	
			Women Education and Empowerment in Usilampatti Taluk, Madurai District	
			An Analysis of Landuse, Landcover Changes and Its Impacts – A Case Study of Melur Taluk	
			Landuse Land Cover Classification in IRS LISS III Image Using Remote Sensing and GIS Techniques: A Case Study in Lower Vaippar Sub Basin, Tamil	

			Nadu	
			A Study of Female Literacy and Sex Ratio in Usilampatti Taluk Madurai District: A Geographical Analysis	
			An Analysis of Spatio-Temporal Changes in Female Literacy Rate and Work Participation Rate in Usilampatti Taluk, Madurai District, Tamil Nadu	
			“Environmental Hazard – Granite Quarry of Melur” on Geoinformatics Applications in Hazard Management,	

CONFERENCE/WORKSHOP/SEMINAR/TRAINING ORGANIZED

Type	Name	Date(s)	Place	Role Played	Funding Agency
Regional Workshop	Environmental Awareness Workshop for School Teachers and Students	21.1.13 - 22.1.13	MKU	Organizing Secretary	UGC Unassigned Grant
National Seminar	Land Use/Land Cover Changes and its Impact: Spatial Challenges and Geospatial Technologies	19.2.15-20.2.15	MKU	Organizing Secretary	ICSSR and Madurai Kamaraj University

National Conference	Application of Remote Sensing, GIS and GPS Technologies	17.12.15-18.12.15	MKU	Organizing Secretary	NITI Aayog, Government of India, New Delhi
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BOOK PUBLISHED

Title of the Book / Chapter	Author	Publisher	Year	ISBN Number
Urbanization and Urban Expansion of Madurai City (An Analysis of Land Use in Fringe Areas)	I.K. Manonmani	EthirVeliyedu, Madurai, Tamil Nadu	2009	978-93-80211-83-1
Dictionary of Remote Sensing with CD	I.K. Manonmani	SekarPathippa kam, Madurai, Tamil Nadu	2010	819077849-8
Land Use in Fringe areas and problems of suburbs – Madurai City: An Analysis of Land Use in Fringe Areas and Residential Pattern, Socio-Economic Characteristics and Problems of Suburbs 2012	I.K. Manonmani	Lambert Academic Publishing, Saarbrucken, Deutschland/G ermany	2012	978-3-8443-3324-4
Innovative Methods and Techniques in Higher Education at Rural Colleges The Compendium of ITRMH	I.K. Manonmani & V.P. Prabhakaran	Centre for Educational Research Madurai Kamaraj University, Vol. 1.	2012,	978- 81-921324-0-2
Fw;wg; guk;giuapduhffUjg;gl;ljd pj;Jtk; tha;e;jgpwkiyf;fs;sh;fs;	S. Valarmathi & I.K. Manonmani	Shanlax Publication, Madurai	2014	978-93-80657-27-1
gRk;nghd; NjtUk; Nuifr;rl;IKk;	V. Jeyaveerapan dian & I.K. Manonmani	Shanlax Publication, Madurai	2014	978-93-80657-27-1
Land Use/Land Cover Changes	I.K.	Shanlax	2015	978-93-80686-

and its Impact: Spatial Challenges and Geospatial Technologies	Manonmani	Publication, Madurai		03-5
A Spatio Temporal Analysis of Population Characteristics in Madurai District	I.K. Manonmani & V.P. Prabhakaran	Academic Publications, Delhi	2015	978-93-83931-18-7
Application of Remote Sensing GIS and GPS Technologies	I.K. Manonmani	Shanlax Publication, Madurai	2016	978-93-84193-61-4
Empowering women through SHGs in Usilampatti Taluk, Madurai District	I.K. Manonmani & V.P. Prabhakaran		2015	978-93-80499-99-4
Women Education and Empowerment in Usilampatti Taluk, Madurai District	S. Valarmathi, I.K. Manonmani		2015	978-93-80499-99-4
An Analysis of Landuse, Landcover Changes and Its Impacts – A Case Study of Melur Taluk	K. Arulmani, I.K. Manonmani & S. Valarmathi		2015	978-93-80686-03-5
Landuse Land Cover Classification in IRS LISS III Image Using Remote Sensing and GIS Techniques: A Case Study in Lower Vaippar Sub Basin, Tamil Nadu	S. Valarmathi, I.K. Manonmani		2015	978-93-80686-03-5
A Study of Female Literacy and Sex Ratio in Usilampatti Taluk Madurai District: A Geographical Analysis	&S. Valarmathi, I.K. Manonmani		2015	978-93-84193-36-2
A Study of Female Literacy and Sex Ratio in Usilampatti Taluk Madurai District: A Geographical Analysis	S. Valarmathi & I.K. Manonmani		2015	978-93-84193-36-2
A GIS Approach of Spatio – Temporal Analysis of Land Use Changes in Uthamapalayam Taluk of Theni District, Tamil Nadu	K. Mohankumar & I.K. Manonmani		2015	978-93-84193-36-2
An Analysis of Service Functions of Settlements in Madurai District	S. Mohana & I.K. Manonmani		2015	978-93-84193-36-2
A Spatial and Temporal Change in Female Labour Force in	S. Mohana & I.K.		2015	978-93-84193-36-2

Madurai District	Manonmani			
An Analysis of Spatio-Temporal Changes in Female Literacy Rate and Work Participation Rate in Usilampatti Taluk, Madurai District, Tamil Nadu	S. Valarmathi & I.K. Manonmani		2016	

MEMBERSHIP IN PROFESSIONAL BODIES

- Life Member in Institute of Indian Geographers (IIG), University of Pune,
- Life Member- Deccan Geographers, University of Pune
- Life Member- Indian Geographical Society (IGS)
- Life Member - Andhra Pradesh Geographical Society (APGEOS)

CONTACT

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