

## Curriculum Vitae

**Name** : **Dr. Sunil Kumar Singh .A**  
Designation: Assistant Professor & Head

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### ACADEMIC QUALIFICATION

**Ph.D. in Geography** : Awarded on the Thesis entitled “Environmental Impact Assessment of Pallikaranai Wetland’s Ecosystem in Chennai” under the guidance of Dr. V. Madha Suresh, Professor, Department of Geography, University of Madras, Chennai, TN.  
( Aug 2015)

**Masters of Science in Applied Geography** : From University of Madras, Chennai, TN.  
(April 2001)

**Bachelor of Science in Geography** : From University of Madras, Chennai, TN.  
(April 1999)

### ACADEMIC AWARDS AND DISTINCTIONS

- **University Rank Holder** (First Rank) in Under Graduate (B.Sc. Geography)
- **The Queen Mary’s College Golden Jubilee Jawaharlal Nehru Memorial Prize** for Geography Science
- **Aringnar Anna Endowment Scholarship** (PG course in University of Madras) for the outstanding academic performance and securing highest marks in the first attempt
- **UGC Project Fellow in UGC Major Research Project** (Aug 2009-Aug 2011) in the department of Geography, University of Madras, Chepauk, Chennai, under Dr. V. Madha Suresh (Principal Investigator)
- **DST - PURSE Fellowship** (2012-2013) in the Department of Geography, University of Madras
- **Teaching cum Research Fellow** (2013) in the Department of Geography, University of Madras
- **Qualified the National Eligibility Test** in Geography for Lectureship conducted by the University Grants Commission in December 2009
- **Qualified the CSIR NET** (secured all India 3rd Rank) in Earth Atmospheric, Ocean & Planetary Sciences for Lectureship conducted by UGC-CSIR in December 2009
- **Received Second Best Paper Award** in the National Seminar on Environmental Monitoring: Issues and Challenges in Madras Christian College on 9th February 2010

**Major Scientific Field of Interest:** Physical Geography, Application of Geo-information Science in Environmental Impact Assessment

### List of Publications

- i. Singh A.S.K and V.M.Suresh (2011). 'Locational Preference of Urban Population with Special Reference to Slum Dwellers', in Sakthivel .M and R. Jaganathan, eds. (2011). *Urban Sustainability and Issues*, United Kingdom: North Staffordshire Press Ltd. Pp. 86-92 ISBN - 0 9563 95191.
- ii. Suresh V.M and A.S.K. Singh (2012). 'A Study of Short Run Dynamics of Intra Village Agricultural Labour Movements - A Case Study of Veerapandy Panchayat Union, Tamil Nadu, India', in Thamilarasan M eds., (2012). *Poverty Alleviation and Rural Development*, New Delhi: Abhijeet Publication House. Pp.234-254. ISBN- 978-93-81136-66-9.
- iii. Suresh V.M and A.S.K. Singh (2013). 'Look East Policy: A New Horizon in Trade between India and ASEAN countries,' in Manivasakan, eds., (2013). *Towards an Enduring India- ASEAN Partnership: Imperative for the Third Decade*, Chennai: Centre for South and Southeast Asian Studies. Pp.49-74. ISBN- 978-93-83071-03-6.
- iv. Singh A.S.K and V.M.Suresh (2011). 'Wetlands and Sustainability of Water Supply', in Kumari K.A et al, eds., (2013). *Land and Water – Geographic Challenges and Geospatial Technologies*, Anantapuramu, Andhra Pradesh. Pp. 23-34. ISBN- 978-93-5156-349-5.
- v. Singh A.S.K and V.M.Suresh (2015). 'Assessment of water quality parameters of Pallikaranai wetlands for drinking purpose', *Indian Streams Research Journal*, Vol. 5, Issue 10, Pp. 1-10. ISSN 2230-7850.
- vi. Pal Lopita, Singh A.S.K and V.M.Suresh (2015). 'Spatial expansion of Calcutta/Kolkata, West Bengal, India', *Review of Research Journal*, Vol. 5, Issue 2, Pp. 1-8. ISSN 2249-894X. Journal No. given by UGC- 48514
- vii. Singh A.S.K and V.M.Suresh (2015). 'Impact of Urbanization on the Natural Environment – A case study of South Chennai', *Golden Research Thoughts*, Vol. 5, Issue 2, Pp. 1-23. ISSN 2231-5063.
- viii. Singh A.S.K and V.M.Suresh (2015). 'Impact of Water Pollution on Human Health and the Environment: A case study of Pallikaranai,' in *Zoology for Future Education and Research*, Kolkata: Zoological Survey India. Pp. 179-189. ISBN 978-81-8171-427-5.
- ix. Singh A.S.K, V.M.Suresh, Lopita Pal (2016). 'Environmental Impact Assessment a Review,' in *Indian Streams Research Journal*, Vol. 5, Issue 12, Pp. 1-19. ISSN 2230-7850.
- x. Das Biswajit and Singh A.S.K (2016). 'Ground Water Potential Zone Mapping of Semi-Arid Region of Kalaburagi and Yadgir District of North Karnataka: A Geospatial Analyysis Approach,' *International Journal of Current Research*, Vol.8, Issue 03, Pp. 28797-28807. ISSN: 0975-833X.

- xi. Singh Sunil Kumar, Lopita Pal, Logeshwari K, Madha Suresh V (2016). "Decadal Overview of Urbanization on Pallikaranai Wetland", *International Journal of Law and Social Sciences*, Chennai: Department of Social Works, Madras Christian College. ISSN: 2394 4277.
- xii. Singh Sunil Kumar (2016). Water Pollution A Review, *Aarhat Multidisciplinary International Education Research Journal (AMIERJ)*, Vol.5, Pp23-35. ISSN 2278-5655, Journal No. given by UGC- 48818.
- xiii. Singh Sunil Kumar (2017). "Public perception of wetlands: A case study of Pallikaranai wetlands", *Electronic International Interdisciplinary Research Journal*, Vol.6, Pp39-48. ISSN 2277-8721, Journal No. given by UGC- 48833.
- xiv. Singh Sunil Kumar (2017). "Wetlands and Environmental Sustainability: A case study", *Aarhat Multidisciplinary International Education Research Journal (AMIERJ)*, Vol.6, Pp313-324. ISSN 2278-5655, Journal No. given by UGC- 48818.
- xv. Pal Lopita, Singh A.S.K and V.M.Suresh (2018). "An environmental disaster: A case study of pallikaranai wetlands Chennai, Tamil Nadu", *Journal of Global Resources*, Volume 4 (01), Pp-112-119. ISSN: 2395-3160 (Print), 2455-2445 (Online).
- xvi. Pal Lopita, Singh A.S.K and V.M.Suresh (2018). Delineation of groundwater potential zone using weighted index overlay Technique – A case study of Aland taluk, Kalaburagi district, Karnataka, *Journal of Global Resources*, Volume 4 (02), Pp-131-137. ISSN: 2395-3160 (Print), 2455-2445 (Online).

#### Conferences/Seminars/Symposia/Workshops attended/ papers presented

##### International Level

<i>S.No.</i>	<i>Name of the event</i>	<i>Place/dates</i>	<i>Title of paper presented</i>
i.	EURASIA-PACIFIC UNINET Workshop	University of Madras 22 <sup>nd</sup> , 23 <sup>rd</sup> Feb. 2010	International Train-the-Trainer GIScience Workshop
ii.	EURASIA-PACIFIC UNINET Workshop.	University of Madras 24 <sup>th</sup> , 25 <sup>th</sup> Feb. 2010.	International Problem Analysis Workshop
iii.	International Workshop	University of Madras 13 <sup>th</sup> , 14 <sup>th</sup> Sep. 2010	Geo-Spatial Technology For Natural Resource and Environmental Management
iv.	Perspective of the Universe A Global Conference on Cosmologies	(NIAS) IISc Bangalore 2 <sup>nd</sup> . 4 <sup>th</sup> Dec. 2010	Attended
v.	International Seminar on Climatic Changes and Sustainable Resources Management	University of Madras 25 <sup>th</sup> , 26 <sup>th</sup> Feb. 2011	The role of Wetland on Climatic Change: A review
vi.	International Conference on "Water Partnerships towards meeting the Climatic Challenges".	Centre of Excellence for Change, Chennai 6 <sup>th</sup> , 7 <sup>th</sup> Jan. 2011	Youth and Water
vii.	DST – PURSE SPONSORED	University of Madras 3 <sup>rd</sup> , 4 <sup>th</sup> Dec. 2011	Sustainability Towards Health Issues Related to the Biological

	International Seminar on Sustainable Development: Issues and Strategies.		Components Present in Storm Water System
viii.	DST – PURSE SPONSORED International Seminar on Sustainable Development: Issues and Strategies	University of Madras 3 <sup>rd</sup> , 4 <sup>th</sup> Dec. 2011	Zero Waste
ix.	International Workshop (University of Madras & University of Northampton, U.K in collaboration of UKIERI)	University of Madras. 23 <sup>rd</sup> & 24 <sup>th</sup> March 2012	“ Environment and Waste Management: Problems & Issues”
x.	International Conference on Geospatial Technologies in Urban Sustainability- Issues and Challenges.	Dept. of Geography, Bangalore University 13th & 14th Feb, 2015	Urbanization and its impact on the Environment: A GIS approach
xi.	International Workshop (Dept. of Anthropology, Dept. of Journalism & Communication, Department of Geography)	University of Madras. 3rd to 5th September 2012	Urban Development: The growing complexity of Social Life and Its Spatial Consequences

### National Level

<b>S.No.</b>	<b>Name of the event</b>	<b>Place/dates</b>	<b>Title of paper presented</b>
i.	National Seminar on Urban Sustainability and Issues	University of Madras 5 <sup>th</sup> & 6 <sup>th</sup> Feb. 2010	Locational Preference of Service Personnel of Urban Areas
ii.	National Seminar in honor of the 60 <sup>th</sup> Birthday of Prof.R.Thandavan on Environmental Governance: Problems and Prospects	University of Madras 29 <sup>th</sup> , 30 <sup>th</sup> , 1 <sup>st</sup> Sep, Oct.2010	Locational Preference and Perception of Environment of Service Personnel in Salem and Chennai Cities
iii.	National Seminar on Environmental Monitoring : Issues and Challenges	Madras Christian College 9 <sup>th</sup> February 2011	Dwindling Wetlands
iv.	Looking Forward: Challenges of Climate on Water and Land	Anna University, Chennai 22 <sup>nd</sup> March 2010	Attended
v.	“Better City, Better Life: My Involvement in Making Chennai a better City”	University of Madras 4 <sup>th</sup> , 5 <sup>th</sup> Oct 2010	Attended
vi.	Workshop EMRC Manasagangotri, Mysore.	University of Madras 22 <sup>nd</sup> October 2011	E-Content Development
vi.	National Conference on “Regional Development 2011”.	South Eastern University of Sri Lanka. 10 <sup>th</sup> , 11 <sup>th</sup> Dec. 2011	Public Health Regional Planning: A Case Study of Tamil Nadu

vii.	National Seminar on “Climatic Change: Trends, Impact and Implications” sponsored by UGC-DST Govt. of Tamil Nadu	P.G. & Research Department of Geography, Govt. Arts College(Autonomous) Coimbatore – 641 018, Tamil Nadu 21 <sup>st</sup> & 22 <sup>nd</sup> March 2012	The Role of Wetland on Climatic Change.
viii.	National Seminar on “Land and Water for all and forever: Spatial Challenges and Geospatial Technologies”.	Department of Geography, Shi Krishnadevaraya University, Anantapur 23 <sup>rd</sup> & 25 <sup>th</sup> Feb. 2013	Wetlands and Sustainability of Water Supply.
ix.	National Seminar on “Geoinformatics in Land and Water Resources Studies”.	Department of Geography, Bharathidasan University, Tiruchirapalli 1 <sup>st</sup> & 2 <sup>nd</sup> , March 2013	Application of Geoinformatics for Mapping, Monitoring and Conservation of Wetlands: A case study of Pallikaranai Wetlands Ecosystem.
x.	UGC National Seminar on “Towards an Enduring India-ASEAN Partnership: Imperative for the Third Decade”	Centre for South and Southeast Asian Studies, University of Madras, Chennai 8 <sup>th</sup> & 9 <sup>th</sup> , March 2013	Look East Policy: A New Horizon in Trade between India and ASEAN countries
xi.	Workshop – Madras University Commerce Alumni Association.	Department of Commerce, University of Madras, 2013	Workshop on Structural Equation Modelling (SEM)
xii.	National Conference on Zoology for Future Education and Research organized by Department of Zoology, Queen Mary’s College and Zoological Survey of India	Department of Zoology, Queen Mary’s College, University of Madras. 23 <sup>rd</sup> and 24 <sup>th</sup> Jan. 2014	Impact of Water Pollution on Human Health and the Environment: A case study of Pallikaranai
xiii.	National Seminar on Climate Change and Environment Sustainability	Dept. of Geography, Bharathi Women’s College(Autonomous) Chennai 10 <sup>th</sup> Dec. 2014	Wetlands for Environmental Sustainability (A Case Study for Pallikaranai Wetlands)
xiv.	KSTA Workshop on Real Time GIS	Department of Geography, School of Earth Sciences, Central University of Karnataka. 16 <sup>th</sup> & 17 <sup>th</sup> Feb, 2015	Real Time GIS

xv.	National seminar on Emerging Trends in Earth Sciences	Department of Geography, School of Earth Sciences, Central University of Karnataka. 30th & 31st Mar, 2015	Ground water Potential Zone Targeting using Satellite Image: A case study of Kalaburgai District
xvi.	Regional Workshop	Central Library, Central University of Karnataka, 19th Jan, 2016	E-content Workshop

## Experience

- i. Four years teaching experience (18/07/2014 to 20/12/2018) as Assistant Professor in Department of Geography, School of Earth Sciences, Central University of Karnataka, Kadaganchi, Kalaburagi, Karnataka, India.
- ii. Two years experience (7/08/2009 to 6/08/2011) as project fellow in University Grants Commission Major Research Project, entitled, "Environmental Impact Assessment: A Case Study of Pallikaranai Wetland Ecosystem using GIS and Remote Sensing Techniques, Department of Geography, School of Earth and Atmospheric Sciences, University of Madras, Chepauk, Chennai, Tamil Nadu, India.
- iii. Seven years teaching experience (02/01/2002 to 02/02/2009) as lecturer in Geography, Evening College Saharsa, Bihar, India.

DR. SUNIL KUMAR SINGH A