

Curriculum Vitae

PERSONAL PROFILE



Name : **SK. MAFIZUL HAQUE**
Date of birth : 29th January, 1981
Nationality : Indian
Father's name : Sk. Golam Kibria
Marital status : Married
Gender : Male
Permanent address : Dharma, Laldighai (West)
P.O- Midnapore, 721101
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ACADEMIC QUALIFICATION:

Examination	Board/University	Year of Passing	Subjects studied	Division	Marks in %
Secondary	WBBSE	1997	Ben,Eng,L.Sc.,P.Sc.,Math,Hist,Geo	I	69.75
Higher Secondary	WBCHSE	1999	Ben,Eng,Bios,Geog,Pub.Adm,Hist.	I	67.70
Under Graduate	Vidyasagar University	2002	Geography (H)	I	61.35
Post Graduate	Vidyasagar University	2004	Geography and Environment Management	I	65.50
NET & JRF	UGC	2007	Geography	-	-
Ph. D.	University of Calcutta	2014	Geography	-	-
Diploma	IIRS-ISRO	2019	RS and GIS Application in Geosciences	A+	80.0

THESIS TITLE:

Urban Expansion around Kolkata Metropolitan Core and Its Impact on Land Use Changes: A Geo-spatial Analysis

M. A. DISSERTATION:

Urbanization of Midnapore Town and Its Impact upon the Man-environment Relationship

PRESENT POSITION:

Assistant Professor, Department of Geography, University of Calcutta, 35, B. C. Road, Kolkata 700 019, Date of joining: 01/12/2015

OTHER ACADEMIC INVOLVMENTS:

Co-ordinator, IIRS Out Reach Programme, ISRO, Govt. of India, Calcutta University unit

Assistant Professor, Department of Geography, Aliah University, 17 Gorachand Road, Kolkata 700 014, since 13/07/2012 to 30/11/2015

Partially engaged in the Deptt. of Geography in the Presidency University, Kolkata; Aliah University, Kolkata and Jadavpur University, Kolkata as a Guest Teacher

Convener, Two-Day National Seminar and Env't. Study; Indian Social Science Congress and Humanities Congress 2018 and 2019 (Geography Chapter); and Workshop on Qualitative and Quantitative Techniques in Geospatial Sciences Organized by Dept. of Geography, University of Calcutta in association with ILEE, Kolkata, 2018-2019

President, 'The Jungles', renowned NGO for wildlife conservations in India

Attended QIP Short Term course in IIT Kharagpur, 16th – 21st May, 2016 on '3D Reconstruction using Geospatial Data and Image Analysis for Situational Awareness in Hazardous Environment',

Attended ICSSR sponsored Capacity Building Programme, 2nd – 14th April, 2018, organized by Department of Geography, Aligarh Muslim University, Aligarh, Uttar Pradesh

Expert in Environmental Audit in Bishnupur Ramananda College, Bankura; Jhargram Raj College, Jhargram

OTHER EXPERIENCES:

Guest Teacher in the Department of Geography, Pingla Thana Mahavidyalaya Paschim Medinipur – 721 140 (Session 2004-2005)

Cartographer, Department of Geography, University of Kalyani (2005-2006), used software: ARC GIS, MAP INFO, ERDAS for mapping and analysis

LIST OF PUBLICATION:

National Journal –

Dey, S. and **Haque S. M.** (2003): Natural Environmental Influences upon the coastal Dunes Development around Digha-Shankarpur Area, West Bengal; *Journal of Scientific Development and Nature Environment Research*; Mid-wave; Vol. 2; pp. 6-10

Haque, S. M. (2005): Evaluation of IRS-1D Data for the Environment Management at Garhbeta I & II Block, Paschim Medinipore, West Bengal; *Journal of Scientific Development and Environmental Research*; The Cosmic Zone; Vol. 4 (2); pp. 68-71

Haque, S. M. (2011): Environmental Impact of the Removal of Top-Soil for Bricks Construction from the Agricultural Field: A Case Study of Midnapore Sadar Block, *Indian Journal of Regional Science*, Regional Science Association, India (RSA), Volume XXXXIII (1), pp -124 – 132

Haque, S. M. (2011): Three Dimensional Urban Expansion of Kolkata Metropolitan City in the Dynamics of Land Cover & Land Use Practices: A Case Study of Ward No. 75, KMC, *Journal of Landscape System and Ecological Studies*, ILEE, Vol. 34 (2), pp. 349-364

Haque, S. M. and S. Bandyopadhyay (2013): Application of Integrated Image Classification (IIC) Method for the Analysis of Urban Land Utilization Pattern of Kolkata Municipal Corporation, *Indian Journal of Spatial Science*; ISSS, Vol. 04 (2), Winter Issue, pp. 33-42,

Mistry, A. H. and **Haque, S. M.** (2016): Geo-spatial Analysis of Road Connectivity and Urbanization Induced Traffic Congestion in Baruipur Municipality, West Bengal, *Geographical Review of India, Geographical Society of India, Kolkata*, Vol. 78 (3), pp. 269-285.

Haque, S. M. (2017): Management of Flood Induced Sand Deposit Land through Agricultural Adaptation: A Study from Dulung River Basin, Proceeding volume of the refresher course 2017 on *Environmental Hazard and Disaster Management*, UGC-HRDC, University of Calcutta, pp. 46-55

Gayen, S.; Villalta, I. V. and **Haque, S. M.** (2019) Earthquake Hazard Scenario and Seismic Micro-Zoning Assessment in Malaga Province of Spain, *European Journal of Geography*, Vol. 10 (1), pp. 117-133

International Journal -

Chakraborty, P and **Haque, S. M.** (2005): Cartography and Tourism Industry: Application of Cartography at Grass Roots Level, *Indian Cartographer-Journal of Indian National Cartographic Association*, Vol. 25, Pp-305-308

Haque, S. M.; C. Debbarma, and S. Dey, (2010): Radiometric Environment and “R” Value Based Physical Zoning of an Urban Area: A Study from Landsat TM and ETM+, Band-III, *International Journal of Earth Science and Engineer*, Cafet-Innova Technical Society, Hyderabad, Vol. 3 (6) pp-841- 847

Haque, S. M. and S. Bandyopadhyay (2012): Identification of Metropolitan Core using Geo-spatial Data for Kolkata, India’, *Scientific Annals of Alexandru Ioan Cuza*, University of Lasi, Vol. LVIII, s II-c, Geographiy Series, pp. 185 – 206, DOI: <http://dx.doi.org/10.15551/scigeo.v58i2.190>

Haque, S. M. and S. Bandyopadhyay (2015): Soft-Computation of Spatio-Temporal Changes in Urban LCLU and Its Impact upon Water Resources: A Study of Kolkata Municipal Corporation, India, *5th International Conference on Water & Flood Management (ICWFM-2015)*, Bangladesh University of Engineering and Technology (BUET), Bangladesh, ISBN 978-984-33-8801-8, pp. 171-182

Haque, S. M.; Kannaujiya, S.; Taloor, A. K.; Keshri, D.; Bhunia R. K.; Champati Ray P. K.; Chauhan P. (2020) Identification of groundwater resource zone in the active tectonic region of Himalaya through earth observatory techniques, *Groundwater for Sustainable Development*, Elsevier, Vol. 10. doi.org/10.1016/j.gsd.2020.100337

Mishra, S.V., Gayen, A., **Haque, S.M.** (2020) COVID-19 and urban vulnerability in India, *Habitat International*, Elsevier, Vol. 103 (102230) doi.org/10.1016/j.habitatint.2020.102230, ID: covidwho-718758

Mishra, S.V., **Haque, S.M.**, Gayen, A. (2020) COVID-19 in India transmita from the urban to the rural, letter to the editor, *International Journal of Health Planning and Management*, John Wiley and Sons, doi: 10.1002/htpm.3047, ID: covidwho-740815

Pal, B. K; **Haque, S. M.;** Mishra, S. V. and Chakraborty, M. (-): Urban Exclusion and the Right to Everyday Life in Marginalised Space: Empirical Evidences from Kolkata Urban Area, Housing, Theory and Society; *Status: under review*

Gayen, A., **Haque, S.M.**, Mishra, S.V. (-) COVID-19 induced lockdown and decreasing particulate matter (PM10): an empirical investigation in an Asian megacity, Urban Climate, Elsevier, Status: *resubmitted after major revision*

In Edited Book:

Haque, S. M. and S. Bandyopadhyay (2012): Spatial Disparities in Vertical Space-Use Due to Proliferation of Slums in Kolkata Municipal Corporation; in edited book *Demographic Challenges and Regional Disparities in India*, Global Book Org. New Delhi, pp. 251-267

Haque, S. M. (2014): Application of Soft computing Techniques for the Assessment of Declining Piezometric Condition in Kolkata Metropolitan Corporation Area, in edited book *Water Conservation, Research and Morphology of Tanks – A Remote Sensing, GIS and GPS Approach*, Rohini Nandan, pp. 51-73

Haque, S. M. and Ghosh, S. (2019): Microstructural Evidence of Palaeo-coastal Landform from Westernmost Fringe of Lower Ganga-Brahmaputra Delta, Das et al. ed *Quaternary Geomorphology in India*, Springer Int. Pub. AG part of Springer Nature, 978-3-319-90427-6 doi.org/10.1007/978-3-319-90427-6, pp. 61-78

Haque, S. M., Das, A. & Ruksana (2020) Carbon Footprint Reduction Instrument, In Hashmi, S.; Choudhury, I. A. ed. *Encyclopedia of Renewable and Sustainable Materials*, Oxford: Elsevier, Vol. 3. Pp. 300-311. <https://doi.org/10.1016/B978-0-12-803581-8.11042-2>

Haldar, A.; Patra P. and **Haque, S. M.** (2020) Estimation of Surface Thermal Influx from Satellite Images in the Newly Developed Built-up Areas of South 24 Paraganas District, West Bengal, In Bandyopadhyay et al. ed book *Urbanization and Regional Sustainability in South Asia*, Chapter 6; Springer Nature. Pp. 75-86

Haque, S. M. and Alam, J. M. (2020) Micro Level Analysis of Road Connectivity and Its Spatial Variation in Kolkata Municipal Corporation (KMC) Area, In Bandyopadhyay et al. ed book *Urbanization and Regional Sustainability in South Asia*, Chapter 10; Springer Nature, pp. 157-176

Gayen, A.; **Haque, S. M.**; Saha, S. (2020) Modeling of Gully Erosion Based on Random Forest Using GIS and R, In Sheet, P. et al ed. *Gully Erosion Studies from India and Surrounding Regions*, Springer Nature, pp 35-44

Pourghasemi, H. R.; Gayen, A.; **Haque, S. M.**; Bai, S. (2020) Gully Erosion Susceptibility Assessment Through the SVM Machine Learning Algorithm (SVM-MLA), In Sheet, P. et al. ed. *Gully Erosion Studies from India and Surrounding Regions*, Springer Nature, pp 415 - 426

Haque, S. M. (2020) Assessing Infrastructural Encroachment and Fragmentation of East Kolkata Wetlands, In Bandyopadhyay et al. ed book on *Water Management in South Asia: Socio-economic, Infrastructural, Environmental and Institutional Aspects*, Springer Nature, Chapter 13, ISBN: 978-3-030-35236-3

Book:

Haque, S. M. (2018): Modern Perspective in Geography, Edited Book, Paschimbanga Anchalik Itihas O Loksanskriti Charcha Kendra, Kolkata, ISBN 978-93-88207-06-5

Haque, S. M. (2019): Issues in Resource Utilization, Edited Book published by Paschimbanga Anchalik Itihas O Loksanskriti Charcha Kendra, Kolkata, ISBN: 978-93-88207-30-0 and 978-93-88207-31-7

INVITED LECTURE:

8th May, 2013: Delivered a lecture on '*Application of Soft-computing Techniques for the Assessment of Declining Piezometric Condition in Kolkata Metropolitan Corporation Area*', in the National Level Seminar organized by Pingla Thana Mahavidyalaya, Pingla, Paschim Medinipur, India

5th June, 2014: Delivered a lecture on '*Recent Trends of Environment and Sustainable development in Jhargram Sub-division*' on the occasion of World Environment Day organized by Bhugol O Paribesh Bikash Kendra, Jhargram, Paschim Medinipur, India

9th April, 2015 – 16th June, 2015: Delivered a series of lecture on '*Introduction to GIS for Resource based Planning*' in the training programme on "Information Technology Application in Management of Rural Development Programmes" at State Institute of Panchayat and Rural Development (SIPRD), Gov. of WB, Kalyani, Nadia, India

9th February, 2016: Delivered a lecture on 'Mechanism of El Nino and Indian Monsoon' in Dept of Geography, Kharagpur College, Kharagpur, Paschim Medinipur

20th February, 2016: Delivered a lecture on 'Basic Principle of Remote Sensing and GIS Application' in the Dept of Geography, Kharagpur College, Kharagpur, Paschim Medinipur

12th June, 2017: Delivered a lecture on 'Sustainable and Green Development of Jhargram Municipality' in core committee meeting of the municipality decision making body, Jhargram

8th December, 2017: Delivered a lecture on 'ESNO Phenomena and Indian Agriculture System', Dept. of Geography, Jogmaya Devi College, Kolkata

31st August - 1st September, 2019: Attended in the national workshop as a resource person, Dept. of Geography at Panchannan Barma University, Cooch Behar, West Bengal

1st September, 2019: Delivered a lecture on application of geo-informatics for decision making process, P.G Deptt. of Geography, Cooch Behar College, West Bengal

10th January, 2020: Attended in the faculty improvement workshop as a resource person at Deptt. of Geography, Loreto College, Kolkata

I, hereby declare that all the information furnished above, are true to the best of my knowledge and belief.

Place: Kolkata

Date: 10. 09. 2020

Sk. Mafizul Haque .

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