

Dr. Ashis Kumar Saha: List of Publications

(Scopus and Google Scholar Citation as on Wednesday, 25 July 2018)

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Scopus Author: <https://www.scopus.com/authid/detail.uri?authorId=56590627900>

Google Scholar: <https://scholar.google.co.in/citations?user=wfUOfKcAAAAJ&hl=en>

h-index: 6 (Scopus); 7 (Google Scholar)

A) Papers in Journals:

S. No.	Title	Authors	Year	Journal [ISSN], Vol.(Issue):PP	Impact Factor [#]	Scopus Citation	Google Scholar Citation
1	Analysing the Impact of Thermal Stress on Vegetation Health and Agricultural Drought - A Case Study from Gujarat, India [https://doi.org/10.1080/15481603.2017.1309737]	Bhuiyan C, Saha AK , Bandyopadhyay N & Kogan FN	2017	GIScience & Remote Sensing* [1548-1603 (Print) 1943-7226 (Online)], 54(5):678-699	2.852 (2017)	1	3
2	Heat waves, temperature extremes and their impacts on monsoon rainfall and meteorological droughts in Gujarat, India [https://doi.org/10.1007/s11069-016-2205-4]	Bandyopadhyay N, Bhuiyan C & Saha AK	2016	Natural Hazards* [0921-030X (Print) 1573-0840 (Online)], 82(1):367-388	1.901 (2017)	8	11
3	A comparative analysis of four drought indices using geospatial data in Gujarat, India [https://doi.org/10.1007/s12517-016-2378-x]	Bandyopadhyay N & Saha AK	2016	Arabian Journal of Geosciences* [1866-7511 (Print) 1866-7538 (Online)], 9(5):341	0.860 (2017)	2	2
4	Impact of urban sprawl on groundwater quality: a case study of Faridabad city, National Capital Region of Delhi [https://doi.org/10.1007/s12517-015-1811-x]	Rai SC & Saha AK	2015	Arabian Journal of Geosciences* [1866-7511 (Print) 1866-7538 (Online)] 8(10):8039-8045	0.860 (2017)	2	3
5	Remote Sensing and GIS Based Landslide Susceptibility Assessment using Binary Logistic Regression Model: A Case Study in the Ganeshganga Watershed, Himalayas [https://doi.org/10.1007/s12524-012-0255-y]	Kundu S, Saha AK , Sharma DC & Pant CC	2013	Journal of Indian Society of Remote Sensing* [0255-660X (Print) 0974-3006 (Online)] 41(3):697-709	0.810 (2017)	21	32
6	GIS-based Statistical Landslide Susceptibility Zonation: A Case Study in Ganeshganga Watershed, The Himalayas [http://www.esriindia.com/~media/esri-india/files/pdfs/events/uc2011/papers/DM_UCP008.pdf]	Kundu S, Sharma DC, Saha AK , Pant CC & Mathew J	2012	ArclIndia News 6(1):26-31	NA	NA	NA
7	GIS-based route planning in landslide prone areas [https://doi.org/10.1080/1365881050105887]	Saha AK , Gupta RP, Arora MK, Viridi ML & Csaplovics E	2005	International Journal of Geographic Information Science*	2.370 (2017)	38	62

				[1365-8816 (Print) 1362-3087 (Online)] 19(10):1149-1175			
8	An approach for GIS-based Statistical Landslide Susceptibility Zonation - with a case study in the Himalayas [https://doi.org/10.1007/s10346-004-0039-8]	Saha AK, Gupta RP, Sarkar I, Arora MK & Csaplovics E	2005	Landslides* [1612-510X (Print) 1612-5118 (Online)] 2(1):61-69	3.811 (2017)	163	245
9	Land cover classification using IRS LISS III imagery and DEM in a rugged terrain: A case study in Himalaya [https://doi.org/10.1080/10106040508542343]	Saha AK , Arora MK, Csaplovics E & Gupta RP	2005	GeoCarto International* [1010-6049 (Print) 1752-0762 (Online)] 20(2):33-40	1.759 (2017)	35	68
10	GIS - based Landslide Hazard Zonation in a part of the Himalayas [https://doi.org/10.1080/01431160010014260]	Saha AK , Gupta RP & Arora MK	2002	International Journal of Remote Sensing* [0143-1161 (Print) 1366-5901 (Online)] 23(2):357-369	1.782 (2017)	177	303
11	Mapping Debris Flows in the Himalayas [Appeared online on 01.09.2009; URL: https://www.geospatialworld.net/article/mapping-debris-flows-in-the-himalayas/]	Gupta RP & Saha AK	2000	GIS@Development (Geospatial World)* [0971-9377 (Print) 2277-3134 (online)] 4(12):26-27	NA	NA	5
12	Landslide Hazard Zonation in a part of the Bhagirathi Valley, Garhwal Himalayas, Using Integrated Remote Sensing - GIS [http://www.himgeology.com/volume_abstract.php?abstract=514]	Gupta RP, Saha AK , Arora MK & Kumar A	1999	Himalayan Geology* [0971-8966 (Print)], 20(2):71-85	0.214 (SCI Journal.org)	49	80

(* UGC Listed) (# Journal Impact Factor as published by Thomson Reuters in 2018 if otherwise not mentioned)

B) Chapters in Book / Proceedings:

S. No.	Title	Authors	Year	Editor / Title [ISBN], Vol.:PP	Publisher	Scopus Citation	Google Scholar Citation
1	Spatio-temporal analysis of mangrove loss in vulnerable islands of Sundarban World Heritage Site, India [https://doi.org/10.1007/978-3-319-78208-9_5]	Mondal B & Saha AK	2018	Mansourian A, Pilesjö P, Harrie L & van Lammeren R (Eds.) Geospatial Technologies for All - Selected papers of the 21st AGILE Conference on Geographic Information Science [978-3-319-78207-2], 93-109	Springer International	0	0
2	Women and Water: Scripting Gender and	Bandyopadhyay N & Saha AK	2018	Datta A (Ed.) The Power of Space,	NIAS Press,	NA	NA

	Gendered Spaces in Drought-Prone Areas of Gujarat		(Accepted)	Spaces of Power: Scripting Gender in India	Copenhagen		
3	Facility Management System: A Case Study of University Campus [https://doi.org/10.1007/978-3-319-47145-7_14]	Begum A & Saha AK	2017	Sharma P & Rajput S (Eds.) Sustainable Smart Cities in India: Challenges and Future Perspectives [978-3-319-47144-0], 213-225	Springer International	0	0
4	Community Based Disaster Management for Climate Change Adaptation: A Conceptual Model	Das S & Saha AK	2017	Negi VS (Ed.) Climate Change Perspectives and Challenges in 21st Century [978-93-5171-094-3], 155-163	Research India Press, New Delhi	NA	NA
5	GIS based Landslide Risk Assessment: A Case Study of Kandey Village, Chamoli District, Uttarakhand	Das S & Saha AK	2017	Pandey BW, Negi VS & Kumria P (Eds.) Environmental Concerns and Sustainable Development in Himalaya [997-79-3517-1096-7], 158-175	Research India Press, New Delhi	NA	NA
6	Temperature Extremes, Moisture Deficiency and Their Impacts on Dryland Agriculture in Gujarat, India [https://www.taylorfrancis.com/books/e/9781315687223/chapters/10.1201%2Fb18077-21]	Bandyopadhyay N, Bhuiyan C & Saha AK	2015	Andreu J, Solera A, Paredes-Arquiola J, Haro-Monteagudo D & van Lanen H (Eds.) Drought: Research and Science-Policy Interfacing [978-1-138-02779-4], 119-124	CRC Press, Balkema	3	5
7	Mapping Gender and Gendered Spaces in Drought-Prone Areas of Gujarat	Bandyopadhyay N & Saha AK	2015	Datta A (Ed.) Proceedings of International Conference on Re Orienting Gender : Geographies of Resistance, Agency, Violence and Desire in Asia [978-93-82847-41-0], 127-137	R K Books, New Delhi	NA	NA
8	Land cover change and rhino habitat mapping of Kaziranga National Park, Assam [https://doi.org/10.1007/978-4-431-54838-6_10]	Medhi A & Saha AK	2014	Singh M, Singh RB & Hassan I (Eds.) Climate Change and Biodiversity: Proceedings of IGU Rohtak Conference	Springer, Japan	NA	1

				[978-4-431-54837-9], 1:125-138			
9	Analysing Meteorological and Vegetative Drought in Gujarat [https://doi.org/10.1007/978-4-431-54838-6_5]	Bandyopadhyay N & Saha AK	2014	Singh M, Singh RB & Hassan I (Eds.) Climate Change and Biodiversity: Proceedings of IGU Rohtak Conference [978-4-431-54837-9], 1:61-71	Springer, Japan	NA	5
10	Analysis of Spatio-temporal Drought Pattern in Gujarat	Bandyopadhyay N & Saha AK	2013	Singh G (Ed.) Proceedings of National Seminar on Drought Mitigation: Special Reference to Rajasthan (DMRR-2013) , [ISBN 978-93-81914-14-4], 1:3-8	Sagar Publishers, Jaipur	NA	NA
11	Truncating the Life Cycle of a Tourism Destination: An Analysis of Tourism-Terrorism Relationship with Respect to Butler's TALC Model	Mir S & Saha AK	2012	Aima A, Manhas PS & Bhasin J (Eds.) Tourism Destination Management: Strategic Practices and Policies (ISBN [978-81-8457-370-1], 374-389	Kanishka Publishers Distributors, New Delhi	NA	NA
12	LaSIRF: Landslide Safe Intelligent Route Finder for mountainous terrain in GIS environment [https://doi.org/10.1007/978-3-642-25495-6_11]	Arora MK, Saha AK , Gupta P & Gupta RP	2012	Pradhan B & Buchroithner M (Eds.) Terrigenous Mass Movements [978-3-642-25495-6], 349-368	Springer-Verlag, Berlin Heidelberg	0	0

C) Research Papers/Abstracts in Seminar/Symposium/Conference/Workshop:

1. **Saha AK** (2017) - *Using GIS to Solve Real World Problems*, UGC National Seminar on *Application and Emerging Trends of Geospatial Technologies for Sustainable Resource Analysis & Management*, 13 January, Department of Geography, Kabi Sukanta Mahavidyalaya (under University of Burdwan), Bhadreswar, West Bengal.
2. Bandyopadhyay N, Bhuiyan C & **Saha AK** (2016) - *Socio-economic Impacts of Drought in Gujarat: Perception, Adaptation and Mitigation Measures*, 38th Indian Geography Congress on *Sustainable Development Environmental Vulnerability and Geospatial Technology*, National Association of Geographers, India, 26-28 December, Department of Studies in Geography, University of Mysore, Mysuru. **[Presented by Nairwita Bandyopadhyay]**
3. Mondal B & **Saha AK** (2016) - *Species-level Mangrove Mapping Using Hyperspectral Remote Sensing Data: A Case Study in Saptamukhi Reserve Forest, Indian Sundarban*, 38th Indian Geography Congress on *Sustainable Development Environmental Vulnerability and Geospatial Technology*, National Association of Geographers, India, 26-28 December, Department of Studies in Geography, University of Mysore, Mysuru. **[Presented by Biswajit Mondal]**
4. Medhi A & **Saha AK** (2016) - *Rural Road Development in Assam, An Overview of Pradhan Mantri Gram Sadak Yojna (PMGSY) Program Implementation*, 38th Indian Geography Congress on *Sustainable Development Environmental*

Vulnerability and Geospatial Technology, National Association of Geographers, India, 26-28 December, Department of Studies in Geography, University of Mysore, Mysuru. **[Presented by Ankita Medhi]**

5. Mondal B & **Saha AK** (2016) - *Estimation of Land Area Change in Indian Sundarban using Object-based Image Analysis (OBIA) Approach and its Relation with Sea Level Rise*, 9th International Geographical Union (IGU) Conference on *Land Use Change, Climate Extremes and Disaster Risk Reduction*, 18-20 March, Shaheed Bhagat Singh College, University of Delhi, Delhi. **[Presented by Biswajit Mondal]**
6. **Saha AK** & Das S (2016) - *Community-based Landslide Disaster Management: A Case Study of Kandey Village, Chamoli District, Uttarakhand*, 5th NAGI (National Association of Geographers, India) International Conference on *Future Earth Perspectives in South Asia*, 5-7 February, Department of Geography, Bharathidasan University, Tiruchirappalli.
7. Mondal B & **Saha AK** (2015) - *Spatio-Temporal Analysis of Mangroves in Indian Sundarban using Multispectral Landsat data (1988-2014)*, 37th Indian Geography Congress, National Association of Geographers, India, 2-4 December, Department of Geography, University of Jammu, Jammu. **[Presented by Biswajit Mondal]**
8. **Saha AK** & Medhi A (2015) - *An Object-based Image Analysis (OBIA) Approach for Land Resources Mapping*, UGC-SAP DRS-III National Seminar on *Environment-Resource & Urban-Regional Planning*, 20-21 March, Department of Geography, University of Delhi, Delhi. **[Presented by Ankita Medhi]**
9. Bandyopadhyay N & **Saha AK** (2014) - *Mapping Gender and Gendered Spaces in Drought-Prone Areas of Gujarat*, International Conference on *Re-orienting Gender: Geographies of Resistance, Agency, Violence and Desire in Asia*, 19-21 November, Department of Geography, University of Delhi, Delhi. **[Presented by Nairwita Bandyopadhyay]**
10. **Saha AK** (2013) - *Route Planning in Landslide Susceptible Terrain*, Indo-German Nachkontakt Association Hyderabad Seminar on *Earth Sciences for Society*, 7-8 November, CSIR-NGRI, Hyderabad.
11. **Saha AK** (2009) - *Spatial Multi Criteria Analysis for Landslide Susceptibility Zonation*, 2nd India Disaster Management Congress, 4-6 November, Vigyan Bhawan, New Delhi.
12. **Saha AK** (2008) - *Urban Heat Island and its mitigation strategy for Delhi NCT*, Celebrating the Golden Jubilee of Indo-German Cooperation in Higher Education - Symposium on Education and Research in Sustainability, 7-8 September, IIT Madras. Madras.
13. **Saha AK** (2008) - *Success Rate of Landslide Susceptibility Zonation methods in the Himalayas*, International Workshop on Cryosphere & Hazards for the Hindu Kush, Himalaya & Tibetan Plateau, 31 March - 2 April, ICIMOD, Kathmandu, Nepal.
14. **Saha AK** (2008) - *GIS-based Statistical Landslide Susceptibility Zonation in the Chamoli Region, Himalayas*, CBRI Diamond Jubilee Conference on *Landslide Management: Present Scenario & Future Directions*, Central Building Research Institute, 10-12 February, Roorkee.
15. **Saha AK**, Gupta RP, Sarkar I, Arora MK & Csaplovics E (2004) - *A GIS-based Statistical Approach for Landslide Hazard Zonation in Himalayas*, NRDMS Session, Map India 2004, 7th Annual International Conference, 28-30 January, New Delhi.