



Faculty Details proforma for DU Web-site

Prof. Ashis Kumar Saha

Title	Prof. Dr.	First Name	Ashis Kumar	Last Name	Saha	Photograph
Designation	Professor					
Address	Department of Geography Delhi School of Economics University of Delhi Delhi – 110 007, India					
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Residence	-					
Mobile	+91-9818503393					
Email	aksaha@geography.du.ac.in ; ashisksaha@gmail.com					
Web-Page	http://people.du.ac.in/~aksaha/					
Educational Qualifications						
Degree	Institution	Year				
Ph.D. (Earth Sciences)	IIT Roorkee	2004				
M.Tech. (Applied Geology)	University of Roorkee (Now IIT Roorkee)	1999				
B.Sc. (Geology)	Presidency College, University of Calcutta	1996				
Career Profile						
<ul style="list-style-type: none"> ➤ Apr. 2020 – till date : Professor, Department of Geography, DSE, University of Delhi ➤ Apr. 2017 – Apr. 2020 : Associate Professor, Department of Geography, DSE, University of Delhi ➤ Apr. 2005 – Apr. 2017 : Assistant Professor, Department of Geography, DSE, University of Delhi ➤ Dec. 2004 – Mar. 2005: Senior Research Associate, Ashoka Trust for Research in Ecology and Environment (ATREE), Bangalore 						
Administrative Assignments						
<ul style="list-style-type: none"> • Resident Tutor, Gwyer Hall (2005-07) • Teacher In-Charge, Computer/GIS Lab., Department Website, BA Program (2022-23) • Member of Departmental Council, Courses Committee, Admission Committee, MPhil Committee (2022-23) • Nodal Officer, MA/MPhil/PhD Admission, 2022 • Member, Board of Research Studies for Social Sciences 						
Areas of Interest / Specialization						
Geo-environmental Studies using Remote Sensing and GIS: Landslide Hazard Zonation; Landuse / Landcover Mapping and Change Detection; OBIA; Digital Image Classification; Drought Assessment; Mangrove Mapping; Digital Terrain Modeling						
Subjects Taught						
MA (CBCS):	[GEOG1C01] Geomorphological Analysis [GEOG2C03] Remote Sensing and Geographic Information System (Practical) [GEOG3E05] Digital Image Processing (Practical) [GEOG3E06] Geographical Information System (Practical) [GEOG4E12] Terrain Modelling [GEOG4E01] Project Report (Dissertation)					

MPhil/PhD: [Course II] Advanced Spatial Analysis (GIS Modelling)
[Course III] Environmental Monitoring & GIS

Time table of the subjects taught during the current semester

(2022-23)

S.No.	Subject	Days	Time	Classroom
1.	GEOG1C01: Geomorphological Analysis (Theory) [Course Shared with Prof. S C Rai] Batch - A	Monday & Tuesday (Semester 1)	09:00 – 11:00	LH-I
2.	GEOG1C01: Geomorphological Analysis (Tutorial) [Course Shared with Prof. S C Rai] Batch - B	Monday & Tuesday (Semester 1)	13:30 – 15:30	LH-I
3.	GEOG2C03: Remote Sensing and Geographical Information System (Theory) [Course Shared with Dr. P Kumar]	Wednesday (Semester 2)	09:00 – 11:00	LH-I
4.	GEOG2C03: Remote Sensing and Geographical Information System (Practical) [Course Shared with Dr. P Kumar] [4 Batches]	Wednesday (Semester 2)	11:00 – 12:00 12:00 – 13:00 13:30 – 14:30 14:30 – 15:30	CL
5.	GEOG3E05: Digital Image Processing (Theory)	Friday (Semester 3)	09:00 – 13:00	CL
6.	GEOG3E05: Digital Image Processing (Practical)	Friday (Semester 3)	13:30 – 17:30	CL
7.	GEOG3E05: Geographical Information System (Theory)	Monday (Semester 3)	09:00 – 13:00	CL
8.	GEOG3E05: Geographical Information System (Practical)	Monday (Semester 3)	13:30 – 17:30	CL
9.	GEOG4E01: Project Report	Friday (Semester 4)	15:30 – 17:30	Room No. 15
10.	GEOG4E12: Terrain Modelling (Theory)	Friday (Semester 4)	09:00 – 13:00	CL
11.	GEOG4E12: Terrain Modelling (Tutorial)	Friday (Semester 4)	13:30 – 15:30	CL
12.	PhD Course-II Advanced Spatial Analysis [GIS]	Tuesday	15:30 – 17:30	CL
13.	PhD Course-III Environmental Monitoring and GIS	Thursday	10:00 – 12:00	Room No. 15
14.	MPhil Supervision / Discussion [2 student]	As per the need of the student		
15.	PhD Supervision / Discussion [4 students]	As per the need of the student		
16.	Departmental Meeting / Seminar / other common activities	As per notification		

Research Guidance

- **Supervision of awarded Doctoral Thesis, awarded**
 - Geographical Analysis of Tourism in Kashmir Region (2014) - Mr. Salim Mir
 - Drought Impact Assessment and Analysis of Drought Policy in Gujarat (Co-Supervisor: Dr. Chandrashekar Bhuiyan, SMU, Sikkim) (2018) - Ms. Nairwita Bandyopadhyay
 - Rural Road Development Planning using Geo-informatics: A Case Study of Jorhat District, Assam (2019) - Ms. Ankita Medhi

- Assessment of Landslide Risk and Disaster Management Strategies in Mandakini Valley, Uttarakhand (2022) - Mr. Suman Das
- Geospatial Analysis of Some Mangrove Populations in the Coastal Region of West Bengal (Co-Supervisor: Dr. Anirban Roy) (2022) - Mr. Biswajit Mondal
- **Supervision of Doctoral Thesis, under progress**
 - A Comparative Analysis of Landslide Susceptibility Zonation Methodologies in Test Sites from Garhwal and Sikkim Himalayas (In Progress) - Ms. Ayanika Ray (Registered on 23.11.2015)
 - Temporal and Spatial Variation of the Properties of Solar Radiation and its Relationship to Temperature Change in Iraq using GIS (Tentative) (In Progress) - Mr. Arkan Abdul Jabbar (Foreign Student) (Registered on 17.02.2021)
 - Multi-Hazard Assessment using Advanced Geospatial Techniques: A Case Study of Rishiganga River Basin, Chamoli District, Uttarakhand (In Progress) - Mr. Sayantan Mandal (Registered on 15.01.2022)
 - Climate Variability and Rural Livelihood Transformation in Lower Gangetic West Bengal (In Progress) - Mr. Gopal Chowdhury (Registered on 15.01.2022)
- **Supervision of awarded M.Phil dissertations, awarded**
 - GIS based multi-criteria analysis for landslide susceptibility and risk assessment in Chamba-Bharmor region in Himachal Pradesh (2009) - Mr. Satyender Singh Kadian
 - Assessment of water crises in Shillong town (2009) - Mr. Karma Thiley
 - Impact of Landuse/Landcover Change on Rhino Habitat in Kaziranga National Park, Assam (2011) - Ms. Ankita Medhi
 - Traditional and Modern Agricultural System in India: Comparative Studies (2012) - Ms. Ritu Jha
 - Drought Severity Analysis using Geospatial Data in Gujarat (2012) - Ms. Nairwita Bandyopadhyay
 - Landslide Susceptibility and Risk Assessment along the Chamoli - Joshimath Road Section (2012) - Mr. Parveen Singh
 - Assessing the Quality of Life in North Delhi: Case Study of Delhi University North Campus and Surrounding Localities (2013) - Mr. Rajesh Kumar
 - Natural Resource Management in Santhal Pargana Region of Jharkhand (2013) - Ms. Babita Kisku
 - Community-based Landslide Disaster Management: A Case Study in Chamoli District, Uttarakhand (2015) - Mr. Suman Das
 - Object-based Remote Sensing Image Analysis for Landslide Studies (2015) - Ms. Ayanika Ray
 - Women's agency in a post-disaster space: a study of Kedarnath Tragedy (Co- Supervisor: Dr. Anindita Datta) (2016) - Ms. Sakshi Naithani
 - Mangrove Mapping and Change Detection using Object-based Image Analysis (OBIA) Approach (2017) - Mr. Biswajit Mondal
 - Flood Management in the Dwarakeshwar River Basin, West Bengal (2021) - Mr. Kundan Das
 - Role of Religious Organizations in Environmental Conservation in Haridwar and Rishikesh (In Progress) - Mr. Prashant Kumar (Registered on 21.01.2021)
 - Political Economy and Sustainable Rural Livelihoods in the Bundelkhand Region of Madhya Pradesh (Co-Supervisor: Prof. S C Rai) (In Progress) - Mr. Rohit Kumar Yadav (Registered on 11.01.2021)

Publications Profile

2022

1. Mondal B, **Saha AK** & Roy A (2022) Delineation of Mangrove Patches using Multiple Landsat-8 OLI-based Indices: A Case Study of Indian Sundarban and Surroundings – Annals of the National Association of

Geographers, India[^], 42(2): 256-273 [ISSN: 0970-972X (Print)]
[\[https://doi.org/10.32381/ATNAGI.2022.42.02.3\]](https://doi.org/10.32381/ATNAGI.2022.42.02.3)

2. Mondal B, Roy A & **Saha AK** (2022) Vulnerability assessment of mangrove areas in coastal West Bengal, India – *Remote Sensing Applications: Society and Environment**, 25:100680 [ISSN: 2352-9385 (Online)]
[\[https://doi.org/10.1016/j.rsase.2021.100680\]](https://doi.org/10.1016/j.rsase.2021.100680)

2021

3. Mondal B, **Saha AK** & Roy A (2021) Shoreline extraction and change estimation using geospatial techniques: a study of coastal West Bengal, India – *Proceedings of the Indian National Science Academy**, 87(4):595-612 100306 (Impact Factor 2021: NA; Citation - Scopus: 3) [ISSN: 0370-0046 (Print) 2454-9983 (Online)] [\[https://doi.org/10.1007/s43538-021-00059-w\]](https://doi.org/10.1007/s43538-021-00059-w)
4. Mondal B, **Saha AK** & Roy A (2021) Spatio-Temporal Pattern of Change in Mangrove Populations along the Coastal West Bengal, India - *Environmental Challenges**, 5:100306 (Impact Factor 2021: NA; Citation - Scopus: 2) [ISSN: 2667-0100 (Online)] [\[https://doi.org/10.1016/j.envc.2021.100306\]](https://doi.org/10.1016/j.envc.2021.100306)
5. Bandyopadhyay N & **Saha AK** (2021) Watercentric roles and women's spaces: narratives from drought-prone villages of Gujarat, In: Datta A (Ed.) *Gender, Space and Agency in India: Exploring Regional Genderscapes*, Routledge, London & New York, 120-132 [ISBN 978-1-003-01347-1].
[\[https://doi.org/10.4324/9781003013471-9\]](https://doi.org/10.4324/9781003013471-9)

[This chapter was initially published in *Proceedings of International Conference on Re Orienting Gender: Geographies of Resistance, Agency, Violence and Desire in Asia, 2015* (ISBN 978-93-82847-41-0), edited by A Datta as "Mapping Gender and Gendered Spaces in Drought-Prone Areas of Gujarat." The current Routledge International version has been thoroughly revised and peer-reviewed.]

6. Naithani S & **Saha AK** (2021) *Social Capital and Livelihood Strategies in Response after 2013 Kedarnath Disaster (India) – Disaster Prevention and Management**, 30(2):179-193 (Impact Factor 2021: 1.813; Citation - Scopus: 3) [ISSN: 0965-3562 (Print)] [\[https://doi.org/10.1108/DPM-07-2019-0221\]](https://doi.org/10.1108/DPM-07-2019-0221)

2020

7. Bandyopadhyay N, Bhuiyan C & **Saha AK** (2020) Drought Mitigation: Critical Analysis and Proposal for a New Drought Policy with Special Reference to Gujarat (India) - *Progress in Disaster Science**, 5:100049 (Impact Factor 2021: NA; Citation - Scopus: 31) [ISSN: 2590-0617 (online)]
[\[https://doi.org/10.1016/j.pdisas.2019.100049\]](https://doi.org/10.1016/j.pdisas.2019.100049)
8. Das S & **Saha AK** (2020) Identification of Landslide-prone Zones of Mandakini Valley (Central Himalaya) Post-Kedarnath Tragedy (2013) – *Annals of the National Association of Geographers, India*[^], 40(2):304-329 [ISSN: 0970-972X (Print)] [\[https://doi.org/10.32381/ATNAGI.2020.40.02.8\]](https://doi.org/10.32381/ATNAGI.2020.40.02.8)

2019

9. Mondal B, **Saha AK** & Roy A (2019) Mapping Mangroves using LISS-IV and Hyperion Data in part of the Indian Sundarban – *International Journal of Remote Sensing**, 40(24):9380-9400 (Impact Factor 2021: 3.531; Citation - Scopus: 7) [ISSN: 0143-1161 (Print) 1366-5901 (Online)]
[\[https://doi.org/10.1080/01431161.2019.1630784\]](https://doi.org/10.1080/01431161.2019.1630784)
10. Medhi, A & **Saha AK** (2019) Rural Road Extraction using Object Based Image Analysis (OBIA): A case study from Assam, India – In: Fujita, H. (Ed.) *Advances in Cartography and GIScience of the International Cartographic Association*, Copernicus Publications, Germany, 1:13 [eISSN: 2570-2084]
[\[https://doi.org/10.5194/ica-adv-1-13-2019\]](https://doi.org/10.5194/ica-adv-1-13-2019)
11. Naithani S & **Saha AK** (2019) *Changing landscape and ecotourism development in a Large Dam site: A Case Study of Tehri Dam, India – Asia Pacific Journal of Tourism Research**, 24(3):193-205 (Impact Factor 2021: 4.074; Citation - Scopus: 5) [ISSN: 1094-1665 (Print) 1741-6507 (Online)]
[\[https://doi.org/10.1080/10941665.2018.1557226\]](https://doi.org/10.1080/10941665.2018.1557226)

2018

12. Mondal B & **Saha AK** (2018) *Spatio-temporal analysis of mangrove loss in vulnerable islands of Sundarban World Heritage Site, India* – In: 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, Springer International, 93-109 (ISBN 978-3-319-78207-2) (Citation - Scopus: 6). [https://doi.org/10.1007/978-3-319-78208-9_5]

2017

13. Bhuiyan C, **Saha AK**, Bandyopadhyay N & Kogan FN (2017) *Analyzing the Impact of Thermal Stress on Vegetation Health and Agricultural Drought - A Case Study from Gujarat, India* – *GIScience & Remote Sensing**, 54(5):678-699. (Impact Factor 2021: 6.397; Citation - Scopus: 42) [ISSN: 1548-1603 (Print) 1943-7226 (Online)] [<https://doi.org/10.1080/15481603.2017.1309737>]
14. Begum A & **Saha AK** (2017) *Facility Management System: A Case Study of University Campus* – In: Sharma P & Rajput S (Eds.) *Sustainable Smart Cities in India: Challenges and Future Perspectives*, Springer International, 213-225 (ISBN 978-3-319-47144-0) [https://doi.org/10.1007/978-3-319-47145-7_14]
15. Das S & **Saha AK** (2017) *Community Based Disaster Management For Climate Change Adaptation: A Conceptual Model* – In: Negi VS (Ed.) *Climate Change Perspectives and Challenges in 21st Century*, Research India Press, New Delhi, 155-163 (ISBN 978-93-5171-094-3).
16. Das S & **Saha AK** (2017) *GIS based Landslide Risk Assessment: A Case Study of Kandey Village, Chamoli District, Uttarakhand* – In: Pandey BW, Negi VS & Kumria P (Eds.) *Environmental Concerns and Sustainable Development in Himalaya*, Research India Press, New Delhi, 158-175 (ISBN 997-79-3517-1096-7).

2016

17. Bandyopadhyay N, Bhuiyan C & **Saha AK** (2016) *Heat waves, temperature extremes and their impacts on monsoon rainfall and meteorological droughts in Gujarat, India* – *Natural Hazards**, 82(1):367-388. (Impact Factor 2021: 3.158; Citation - Scopus: 32) [ISSN: 0921-030X (Print) 1573-0840 (Online)] [<https://doi.org/10.1007/s11069-016-2205-4>]
18. Bandyopadhyay N & **Saha AK** (2016) *A comparative analysis of four drought indices using geospatial data in Gujarat, India* – *Arabian Journal of Geosciences**, 9(5):341. (Impact Factor 2020: 1.827; Citation - Scopus: 9) [ISSN: 1866-7511 (Print) 1866-7538 (Online)] [<https://doi.org/10.1007/s12517-016-2378-x>]

2015

19. Rai SC & **Saha AK** (2015) *Impact of urban sprawl on groundwater quality: a case study of Faridabad city, National Capital Region of Delhi* – *Arabian Journal of Geosciences**, 8(10):8039-8045. (Impact Factor 2020: 1.827; Citation - Scopus: 9) [ISSN: 1866-7511 (Print) 1866-7538 (Online)] [<https://doi.org/10.1007/s12517-015-1811-x>]
20. Bandyopadhyay N, Bhuiyan C & **Saha AK** (2015) *Temperature Extremes, Moisture Deficiency and Their Impacts on Dryland Agriculture in Gujarat, India*, In: Andreu J, Solera A, Paredes-Arquiola J, Haro-Monteagudo D & van Lanen H (Eds.) *Drought: Research and Science-Policy Interfacing*, CRC Press, Balkema, 119-124 (ISBN 978-1-138-02779-4). (Citation - Scopus: 6) [<https://www.taylorfrancis.com/books/9781315687223/chapters/10.1201/b18077-21>]

2014

21. Medhi A & **Saha AK** (2014) *Land cover change and rhino habitat mapping of Kaziranga National Park, Assam*, In: Singh M, Singh RB & Hassan I (Eds.) *Climate Change and Biodiversity: Proceedings of IGU Rohtak Conference*, Springer, Japan, 1:125-138 (ISBN 978-4-431-54837-9). [https://doi.org/10.1007/978-4-431-54838-6_10]
22. Bandyopadhyay N & **Saha AK** (2014) *Analyzing Meteorological and Vegetative Drought in Gujarat*, In: Singh M, Singh RB & Hassan I (Eds.) *Climate Change and Biodiversity: Proceedings of IGU Rohtak Conference*, Springer, Japan, 1:61-71 (ISBN 978-4-431-54837-9). [https://doi.org/10.1007/978-4-431-54838-6_5]

2013

23. Kundu S, **Saha AK**, Sharma DC & Pant CC (2013) *Remote Sensing and GIS Based Landslide Susceptibility Assessment using Binary Logistic Regression Model: A Case Study in the Ganeshganga Watershed, Himalayas* – *Journal of Indian Society of Remote Sensing**, 41(3):697-709. (Impact Factor 2021: 1.894;

Citation - Scopus: 40 [ISSN: 0255-660X (Print) 0974-3006 (Online)] [<https://doi.org/10.1007/s12524-012-0255-y>]

24. Bandyopadhyay N & **Saha AK** (2013) *Analysis of Spatio-temporal Drought Pattern in Gujarat*, In: Singh G (Ed.) Proceedings of National Seminar on Drought Mitigation: Special Reference to Rajasthan (DMRR-2013), Sagar Publishers, Jaipur, 1:3-8 (ISBN 978-93-81914-14-4).

2012

25. Kundu S, Sharma DC, **Saha AK**, Pant CC & Mathew J (2012) *GIS-based Statistical Landslide Susceptibility Zonation: A Case Study in Ganeshganga Watershed, The Himalayas – ArcIndia News*, 6(1):26-31. [http://www.esriindia.com/~media/esri-india/files/pdfs/events/uc2011/papers/DM_UCP008.pdf]
26. Mir S & **Saha AK** (2012) *Truncating the Life Cycle of a Tourism Destination: An Analysis of Tourism-Terrorism Relationship with Respect to Butler's TALC Model*, In: Aima A, Manhas PS & Bhasin J (Eds.) *Tourism Destination Management: Strategic Practices and Policies*, Kanishka Publishers Distributors, New Delhi, 374-389 (ISBN 978-81-8457-370-1).
27. Arora MK, **Saha AK**, Gupta P & Gupta RP (2012) *LaSIRF: Landslide Safe Intelligent Route Finder for mountainous terrain in GIS environment*, In: Pradhan B & Buchroithner M (Eds.) *Terrigenous Mass Movements*, Springer-Verlag Berlin Heidelberg, 349-368 (ISBN 978-3-642-25495-6). [https://doi.org/10.1007/978-3-642-25495-6_11]

2005

28. **Saha AK**, Gupta RP, Arora MK, Virdi ML & Csaplovics E (2005) *GIS-based route planning in landslide prone areas*, *International Journal of Geographic Information Science**, 19(10):1149-1175. (Impact Factor 2020: 4.186; Citation - Scopus: 60) [ISSN: 1365-8816 (Print) 1362-3087 (Online)] [<https://doi.org/10.1080/13658810500105887>]
29. **Saha AK**, Gupta RP, Sarkar I, Arora MK & Csaplovics E (2005) *International Journal of Geographic Information Science An approach for GIS-based Statistical Landslide Susceptibility Zonation – with a case study in the Himalayas*, *Landslides**, 2(1):61-69. (Impact Factor 2021: 6.153; Citation - Scopus: 291) [ISSN: 1612-510X (Print) 1612-5118 (Online)] [<https://doi.org/10.1007/s10346-004-0039-8>]
30. **Saha AK**, Arora MK, Csaplovics E and Gupta RP (2005) *Land cover classification using IRS LISS III imagery and DEM in a rugged terrain: A case study in Himalaya*, *GeoCarto International**, 20(2):33-40. (Impact Factor 2021: 3.450; Citation - Scopus: 70) [ISSN: 1010-6049 (Print) 1752-0762 (Online)] [<https://doi.org/10.1080/10106040508542343>]

2002

31. **Saha AK**, Gupta RP & Arora MK (2002) *GIS –based Landslide Hazard Zonation in a part of the Himalayas – International Journal of Remote Sensing**, 23(2):357-369. (Impact Factor 2021: 3.531; Citation - Scopus: 278) [ISSN: 0143-1161 (Print) 1366-5901 (Online)] [<https://doi.org/10.1080/01431160010014260>]

2000

32. Gupta RP & **Saha AK** (2000) *Mapping Debris Flows in the Himalayas – GIS@Development (Geospatial World)*, 4(12):26-27. [ISSN: 0971-9377 (Print) 2277-3134 (online)] [Appeared online on 01.09.2009; URL: <https://www.geospatialworld.net/article/mapping-debris-flows-in-the-himalayas/>]

1999

33. Gupta RP, **Saha AK**, Arora MK & Kumar A (1999) *Landslide Hazard Zonation in a part of the Bhagirathi Valley, Garhwal Himalayas, Using Integrated Remote Sensing – GIS, Himalayan Geology**, 20(2):71-85. (Impact Factor 2021: 1.311, Citation - Scopus: 69) [ISSN: 0971-8966 (Print)] [http://www.himgeology.com/volume_abstract.php?abstract=514]

(Scopus Citation as of 04.01.2023)

ORCID: <http://orcid.org/0000-0002-8184-0495>;
ResearcherID: <http://www.researcherid.com/rid/H-2298-2011>
Scopus Author: <https://www.scopus.com/authid/detail.uri?authorId=57204980000>
Google Scholar: <https://scholar.google.co.in/citations?user=wFUOfKcAAAAJ&hl=en>
h-index: 9 (Scopus)

Publications in the Last one year

(2022)

1. Mondal B, **Saha AK** & Roy A (2022) Delineation of Mangrove Patches using Multiple Landsat-8 OLI-based Indices: A Case Study of Indian Sundarban and Surroundings – Annals of the National Association of Geographers, India[^], 42(2): 256-273 [ISSN: 0970-972X (Print)]
[\[https://doi.org/10.32381/ATNAGI.2022.42.02.3\]](https://doi.org/10.32381/ATNAGI.2022.42.02.3)
2. Mondal B, Roy A & **Saha AK** (2022) Vulnerability assessment of mangrove areas in coastal West Bengal, India – Remote Sensing Applications: Society and Environment*, 25:100680 [ISSN: 2352-9385 (Online)]
[\[https://doi.org/10.1016/j.rsase.2021.100680\]](https://doi.org/10.1016/j.rsase.2021.100680)

Conference Organization/ Presentations (in the last three years)

(2020-2022)

- Organizing Secretary, "Online Round Table Conference on Geographical Perspectives of Water Resources: Issues and Challenges", 16.07.2020, Jointly Organized by National Association of Geographers, India (NAGI) and Russian Geographical Society (RGS)
- Co-convenor, "Online International Conference on Geography and the Digital: Intersections and Conflations", 23.05.2022-25.05.2022, Organized by Department of Geography, Delhi School of Economics, University of Delhi
- Course Convenor, "Online Short Term Course on Remote Sensing: Remote Sensing Applications for Skill Development in light of NEP-2020", 24.06.2022-30.06.2022, Organized by Centre for Professional Development in Higher Education (CPDHE), UGC-Human Resource Development Centre, University of Delhi
- Panelist, "Geo-Spatial Technologies in Geography Classroom: Panel Discussion" - Online National Workshop on "Teaching Geography" - Department of Geography, University of Delhi, Delhi (16.12.2021)
- Panelist, "Digital Geography: Panel Discussion" - the 44th Indian Geography Congress, Department of Studies and Research in Geography, Rani Channamma University, Belagavi, Karnataka (19.12.2022)

Research Projects (Major Grants/Research Collaboration)

- "Mapping and Monitoring of Mangroves in Indian Sundarban using Time-Series Remote Sensing Data" Funded by: University of Delhi; Duration: Phase-I (2015-16) Grant Amount: Rs. 1,50,000
- "Landuse/landcover change detection using Object-based Image Analysis (OBIA) approach in Chamoli Region (Uttarakhand)" Funded by: University of Delhi; Duration: Phase-I (2013-14) Grant Amount: Rs. 60,000
- "Landslide Susceptibility Zonation using Weights-of-Evidence and Logistic Regression Model: A Comparative Analysis in the Chamoli-Joshimath Road Section, Uttarakhand" Funded by: University of Delhi; Duration: Phase-I & II (2011-13) Grant Amount: Rs. 1.9 Lac
- "Development of Object-based Remote Sensing – GIS Methodology for Landslide Recognition and Hazard Zonation in the Garhwal Himalayas" Funded by: Department of Science & Technology, Government of India under SERC Fast Track Proposal for Young Scientists, 2010-11; Duration: 3 Years (2011-14); Grant Amount: Rs. 17.57 Lac

- "Remote Sensing – GIS based Landslide Inventory Mapping and Susceptibility Zonation using Analytical Hierarchy Process (AHP) in a Himalayan Terrain"
Funded by: University of Delhi; Duration: Phase-I, II & III (2008-11); Grant Amount: Rs. 2.85 Lac

Awards and Distinctions

2018 : German Academic Exchange Service (DAAD) Re-invitation Fellowship, Bonn, Germany
 2014 : German Academic Exchange Service (DAAD) Re-invitation Fellowship, Bonn, Germany
 2009 : German Academic Exchange Service (DAAD) Re-invitation Fellowship, Bonn, Germany
 2001 – 2002 : German Academic Exchange Service (DAAD) Sandwich Model Fellowship, Bonn, Germany

Association With Professional Bodies

1. Reviewer

- GeoCarto International (Taylor & Francis)
- Journal of Zhejiang University-SCIENCE A (Springer)
- Journal of Development & Agricultural Economics (Academic Journals)
- Journal of Mountain Science (Springer)
- Environmental Earth Sciences (Springer)
- Cartography and Geographic Information Science (Taylor & Francis)
- Indian Journal of Geosciences (Geological Survey of India)
- Geomatics, Natural Hazards and Risk (Taylor & Francis)
- Natural Hazards (Springer)
- Disaster and Development (NIDM)
- Journal of Indian Society of Remote Sensing (Springer)
- GeoRisk (Taylor & Francis)
- Egyptian Journal of Remote Sensing (Elsevier)
- Asian Journal of Water, Environment and Pollution (Capital Publishing)
- Land Degradation & Development (Wiley)
- Remote Sensing Letters (Taylor & Francis)
- Arabian Journal of Geosciences (Springer)
- Springer Nature Applied Sciences (Springer)
- IEEE Transactions on Geoscience and Remote Sensing (IEEE)
- SAGE Open (Sage Publications)
- Ecology and Evolution (Wiley)
- Physical Geography (Taylor & Francis)
- International Journal of Geoheritage and Parks (Elsevier)
- Proceedings of the Indian National Science Academy (Springer)
- Sustainability (MDPI)
- Current Science (Current Science Association)
- Indian Journal of Spatial Science (ISSS)

2. Memberships

- Life Member, Indian Society of Remote Sensing, Dehradun, India
- Life Member, National Association of Geographers, India (NAGI), Delhi, India
- Life Member, The Association for Geographical Studies, Delhi, India
- Fellow, The Society of Earth Scientists, Lucknow, India
- Life Member, The Indian Science Congress Association, Kolkata, India
- Member, European Drought Centre
- Member, International Association for Promoting Geoethics (IAPG)

3. Office Bearer

- Secretary General, National Association of Geographers, India (NAGI) (Since December 2022)
- Joint Secretary, National Association of Geographers, India (NAGI), (2015-2022)

Other Activities

Delivered Guest Lecture:

- Community Participation in Sustainable Disaster Management - 19th Refresher Course on “Sustainable Development and Environmental Management”- UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi (20.01.2022)
- Remote Sensing and GIS for Hazard Assessment and Monitoring - Department of Geography, Dr. Bhim Rao Ambedkar College, University of Delhi (19.03.2022)
- GIS: Present and Future - Department of Geography, Dyal Singh College, University of Delhi (07.09.2022)
- Advances in Remote Sensing GIS Technology and Future Scopes - Online Refresher Course in Geography on “Environmental Education and Disaster Management,” HRDC, Rani Durgavati Vishwavidyalaya, Jabalpur, MP (15.11.2022)
- GIS and Remote Sensing for Disaster Management - Online Refresher Course in Geography on “Environmental Education and Disaster Management,” HRDC, Rani Durgavati Vishwavidyalaya, Jabalpur, MP (15.11.2022)
- Geospatial Tools for Landslide Hazard Zonation - “Training on Landslide Risk Mitigation” Department of Civil Engineering, Sikkim Manipal Institute of Technology, Majitar, Sikkim (23.11.2022)

Dated: Delhi, 04.01.2023

Signature of Faculty Member

[Ashis Kumar Saha]