

Faculty Profile: Dr. Kapil Ghosh



1. Personal Details:

- a. **Name of the Faculty:** Kapil Ghosh
- b. **Academic Degrees:** PhD, Post-Doc (UGC-DHKPDF)
- c. **Department:** Geography
- d. **Designation:** Assistant Professor
- e. **Email id:** ghoshk.geo@gmail.com
- f. **Courses Taught:** Geomorphology, Hydrology, Oceanography, GIS and Remote sensing
- g. **Area of Research Interests:** Geomorphic hazards, Water Management, Disaster Risk Reduction
- h. **Teaching Experience [substantive post only]:**
 - Assistant Professor, Department of Geography, Diamond Harbour Women's University (01.09.2027 – Till Date)
 - Assistant Professor, Department of Geography, Asutosh College, Kolkata (01.06.2017 – 31.08.2017)
- i. **Administrative Experience:**
 - Member, PG Board of Studies in Geography, Diamond Harbour Women's University (2018 – Till date)
 - Member, Board of Research Studies in Geography, Diamond Harbour Women's University (2018 – Till Date)
 - President, Young Geomorphologists Forum, Indian Institute of Geomorphologists (January 2022- March 2023)
 - Convener, Website Committee, Diamond Harbour Women's University (2021 – Till Date)

2. Research Publications [Last 5 Years]:

Sl. No.	Title of the Research Paper	Level [international/national/state]	ISBN/ISSN	Name of the Publishing Agency	Year of Publication
1.	Estimation of Run-off and Sediment Yield in the Upper Catchment of the Kangsabati river, India	National	ISSN: 2249 - 3921	<i>Indian Journal of Spatial Science</i>	2023
2.	Evaluation of Hydro-geomorphic Responses to Climate Change in North Sikkim District, Sikkim, India	International	ISBN: 978-3 -030-91009-9	Springer	2022
3.	Women's Role in Water Resource Management – A Case Study of Upper Catchment Area of Kangsabati River Basin Under Purulia District, West Bengal	International	ISSN 2363-5045	Springer <i>Sustainable Water Resources Management</i>	2022

4.	Inter-state transmission potential and vulnerability of COVID-19 in India	International	ISSN: 2590-0617	Elsevier <i>Progress in Disaster Science</i>	2020
5.	Application of Frequency Ration Model for Landslide Hazard Zonation of North Sikkim District, Sikkim, India	National	ISSN: 0375-6386	<i>Geographical Review of India</i>	2019
6.	Spatio-temporal Analysis of Rainfall Pattern in North District, Sikkim, India, International Advanced Research Journal in Science, Engineering and Technology	International	ISSN 2393-8021	<i>Advanced Research Journal in Science, Engineering and Technology</i>	2019
7.	Delineation of Groundwater Potential in Dhalai District, Tripura, India	National	ISSN: 0375-6386	<i>Geographical Review of India</i>	2017

3. Research papers presented in conferences/seminars [Last 5 years]:

Sl. No.	Title of the Paper Presented	Title of the seminar/conference	Level [international/national/state]	Name of the organiser	Date
1.	Multi-scale Modelling of Flood Vulnerability and Resilience in Southern Districts of West Bengal, India with Special Reference to 2017 Flood	34th International Geographical Congress (IGC 2021)	International	Istanbul University, Istanbul, Turkey	16-20 August 2021
2.	Women's involvement in water resource management – participation, effectiveness and drawbacks in case of upper catchment area of Kangsabati river basin under Purulia district, West Bengal	XVth DGSI International Geography Online Conference	International	The Deccan Geographical Society, India), Allahabad University	26-28 November 2020
3.	Multi-scale modelling of flood vulnerability assessment with special reference to South Bengal flood - 2017	IAG Regional Conference on Geomorphology of Climatically and Tectonically sensitive areas	International	International Association of Geomorphologists (IAG), Athens, Greece,	19-21 September 2019
4.	“Formation of Landslide Damed Lake in the Kanaka River, Sikkim Himalaya, India” at	9th International Conference on Geomorphology of the International Association of Geomorphologists (IAG),	International	International Association of Geomorphologists (IAG), Vigyan Bhavan, Delhi	6-11 November 2017
5.	Characterization of Groundwater Dynamics and its Potential	48th Regional Science Conference		Tripura University	5 – 7 January 2017

	<i>Availability: A Case Study on Dhalai District, Tripura, India</i>				
6.	Community Based Landslide Vulnerability Assessment in Kurseong Sub-division, Darjeeling District, West Bengal, India	34th National conference of the Indian Institute of Geomorphologists (IGI)	National	Savitribai Phule Pune University, Pune	2-4 November 2022
7.	Surface Water Quality Assessment of Upper Catchment Area of Kangsabati River Basin, West Bengal	32nd IGI Conference on "Geomorphology for Human Adaptation to Changing Environment"	National	West Bengal State University, Barasat, West Bengal,	21-23 January 2021
8.	Flood Hazard: Household Vulnerability and Resilience in Southern Districts of West Bengal with Special Reference to 2017 Flood	31st IGI Conference & National Seminar on Applications of Geospatial Technology in Geomorphology and Environment,	National	North Bengal University, Siliguri, West Bengal,	12-14 November, 2019
9.	Multi-scale modelling of flood vulnerability assessment with special reference to South Bengal flood – 2017	30th IGI Conference on Geomorphology, Environment and Society (03-05 October 2018)	National	Department of Geography, Faculty of Natural Sciences Jamia Millia Islamia University, New Delhi	03 - 05 October 2018

4. Research Projects:

Sl. No.	Title of the Research Project(s)	Funding Agency	Date of Award	Duration of the Project	Research Grants Amount	Status of the Project
1.	Community Based Landslide Hazard, Vulnerability Assessment and Risk Reduction Plan - A study on Selected Communities from India, Sri Lanka and Malaysia	International Science Council	July 2019	One year	15,000 USD	Report Submitted

5. E-learning material, if any:

Course Details	Name of the Institution	Date/year of uploading	Quadrant I, II, III, IV	Link

6. Research Supervision (Ph.D.)

Sl. No.	Name of the student	Research Topic/ Area of research	Name of the institution	Date of Registration	Status
1.	Nairita Sengupta	Water Resource Assessment and Management Issues in Upper Catchment Area of Kangsabati River Basin Under Purulia District, West Bengal, India	DHWU	26 August 2019	Thesis Submitted
2.	Dipanwita Manna	Development of Ancient Human Settlements: Tista Megafan	DHWU	17 December 2021	Registered
3.	Indrani Barui	Issues related to embankment breaching in Indian Sundarban	DHWU	18 November 2022	Registered
4.	Shabari Bhakta	Surface water management: A Community Based Approach	DHWU	18 November 2022	Registered

7. Programmes Conducted / Organised as Convenor / Organising Secretary at DHWU [Last Five Years]

Sl. No.	Date	Name of the Programme	Sponsored By
1	02-05 March 2020	1 st Intensive training Programme for the Young Geomorphologists <i>(Organising Secretary)</i>	Indian Institute of Geomorphologists
	10-11 September 2020	International Webinar Innovations in Disaster Risk Reduction: Aiming Towards a Resilient Society <i>(Joint Organizing Secretaries)</i>	Diamond Harbour Women's University IGU Commission on Hazard and Risk, International Geographical Union (IGU)
	16 September 2021	Nation Webinar on Geospatial Technology Application <i>(Organising Secretary)</i>	Diamond Harbour Women's University Indian Society of Remote Sensing (Kolkata Chapter)
2	01-02 November 2021	2 nd Intensive training Programme for the Young Geomorphologists <i>(Organising Secretary)</i>	Indian Institute of Geomorphologists
4	02-05 March 2023	3 rd Intensive training Programme for the Young Geomorphologists <i>(Convenor)</i>	Indian Institute of Geomorphologists

8. Other Relevant Information, if any:

Sl. No.	Achievements / Awards
1.	<ul style="list-style-type: none"> Young Geomorphologists Fellowship of International Association of Geomorphologists for attending AIG Regional Conference – 2019 (Athens, Greece)

2.	<ul style="list-style-type: none"> • SERB Travel Grant Award of International Geographical Union to attend 33rd International Geographical Congress (IGC – 2016), Beijing, China
3.	<ul style="list-style-type: none"> • Second Prize in Best Young Geomorphologists Competition of Indian Institute of Geomorphologists (IGI), 2015
4.	<ul style="list-style-type: none"> • Young Geomorphologists Fellowship of International Association of Geomorphologists for attending AIG Regional Conference – 2015 (Russia)
5.	<ul style="list-style-type: none"> • INQUA grant Award for Intensive course for Young Geomorphologists (ICYD), AIG Regional Conference – 2015 (Russia)
6.	<ul style="list-style-type: none"> • Second Best Young Geographers Award of Institute of Indian Geographer (IIG), 2013 – 14
Assignment Details [Membership of Professional Bodies/Editorial Board/BOS/BORS etc.]	
1.	<ul style="list-style-type: none"> • Member (Executive Council), Indian Institute of Geomorphologists (IGI)
2.	<ul style="list-style-type: none"> • Member (Executive Council), Geographical Society of India (GSI)
3.	<ul style="list-style-type: none"> • Member, Editorial Board, <i>Geographical Review of India</i>

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Date: 19 April 2020