

CURRICULUM VITAE

SUNIL KUMAR DE

Date of Birth: 28th December, 1965
Academic Qualifications: M.Sc. (C.U.), Ph.D. (C.U.)
Present position: PROFESSOR
Affiliation: Department of Geography, North Eastern Hill University, NEHU
Campus, Umshing, Shillong - 793022, Meghalaya, India
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E-mail: desunil@nehu.ac.in / desunil@gmail.com
Specializations: Applied and Environmental Geomorphology, GIS
Areas of Interest: Landslide, Soil Erosion, Surface Hydrology and Fluvial Hazards

PREVIOUS AFFILIATIONS:

1. Department of Geography and Disaster Management, Tripura University, Suryamaninagar-799022, Tripura (03.04.2006 -27.06. 2013. Left as Reader)
2. Union Christian Training College, Berhampore, Murshidabad, West Bengal (21.04.2000-02.04. 2006. Left the College as Senior Lecturer)

POSITIONS IN ACDEMIC BODIES

1. **Vice President (2017-2021) - International Association of Geomorphologists (IAG/AIG) (www.geomorph.org)**
2. Secretary General (2013-2017) - International Association of Geomorphologists (IAG/AIG) (www.geomorph.org)
Publication Officer (2009-2013) - International Association of Geomorphologists (IAG/AIG) (www.geomorph.org)
3. Vice – Chairman (2005-2013) – International Association of Geomorphologists (IAG) Working Group on Geomorphic Hazards (www.geomorph.org/workinggroups/geomhaz).
4. International Correspondence Secretary & Vice President – Indian Institute of Geomorphologists (IGI).
5. Ex-Member - U.G. Board of Studies in Geography, Kalyani University

PUBLICATIONS (year wise):

2019

- Sudatta Wadadar, Sahidul Karim, Sunil Kumar De (2019):Assessment of soil loss of the Lachung River Basin, North Sikkim, India using RUSLE. Geographical Review of India (Accepted-In press)
- Shreya Bandyopadhyay and Sunil Kumar De (2019): Gaps in Integrated Water Resource Management in Tripura: examples of human activities on the changing morphology of the Haora River, Tripura, India. In 'Environmental Administration: concepts, issues and challenges (ed. by Chakma, B. R.). B. r. Publishing Corporation, Delhi, pp. 29-38 (ISBN 9789388789011)

2018

- Rintu Sarkar and Sunil Kumar De (2018): Channel pattern analysis of the courses of Teesta with surface morphology of Teesta Megafan. *Hill Geographer*, XXXIV:2 (2018) (ISSN 0970-5023) (Accepted- In press)
- Sahidul Karim, Sunando Bandyopadhyay and Sunil Kumar De (2018): Impact of Panchet and Maithon Dam on the Flow Regimes of Damodar River, India, *Journal of Indian Geomorphology*, 6 (accepted for publication) (ISSN 2320-0731)
- Shreya Bandyopadhyay and Sunil Kumar De (2018): Anthropogenic impacts on the morphology of the Haora River, Tripura, India. *Géomorphologie : relief, processus, environnement*, 24:2, [Online since 21 June 2018]. URL : <http://journals.openedition.org/geomorphologie/12019>

2017

- Sahidul Karim and Sunil Kumar De (2017): Changes in channel morphology of Damodar River due to Panchet Dam, West Bengal. *Hill Geographer*, XXXIII:2 (2017), 17-29, (ISSN 0970-5023)
- Sunil Kumar De (2017). Landslides and human interference in Darjiling Himalayas, India. *Revista De Geomorfologie*, 19:44-57. DOI10.21094/rg.2017.014
- Kapil Ghosh and Sunil Kumar De (2017): Delineation of Groundwater Potential in Dhalai District, Tripura. *Geographical Review of India*, 79 (1):23-35
- Begum, Kashmiri and Sunil Kumar De (2017): Channel Planform Analysis of Lower Dikhou River, Assam. *In Resources and Challenges in North-East India* (ed. by. Borthakur, Saikia, L., Al Huda, E.). University of Science and Technology, Meghalaya, pp 77-84 (ISBN: 978-81-244-0444-7)

2016

- Baryshnikov G.Y., Panin A.V., De S.K. use of graphic data for scientific tourism in areas of natural disasters: the example of Russian Altai. *Proceedings of the International conference "Inter Carto/Inter GIS"*. 2016;22(2):137-152. (In Russ.)
- Olav Slaymaker, Andrei Panin, Mihai Micu and Sunil Kumar De (2016): Geomorphological Hazards: Past and Present – Introduction to the Special Issue. Editorial of the Special Issue of the International Journal of Geohazards and Environment, 2016 2(3): 1-2 (ISSN: 2371-9508)
- Kapil Ghosh^a, Shreya Bandyopadhyay and Sunil Kumar De (2016): A Comparative Evaluation of Weight-Rating and Analytical Hierarchical Process (AHP) for Landslide Susceptibility Mapping in Dhalai District, Tripura. *In Environment and Earth Observation* (Ed. by Hazra, et. al). Springer, Chapter 12, 10.1007/978-3-319-46010-9_12
- Kuntal Ganguly and Sunil Kumar De (2015): Spatio-temporal analysis of flood and identification of flood hazard zone of West Tripura district, Tripura, India using integrated geospatial technique. *Hill Geographer*, XXXI:1 (2015), 1-22, (ISSN 0970-5023)
- Kapil Ghosh, Shreya Bandyopadhyay, Sunil Kumar De (2016): Geophysical Investigation and Management Plan of a Shallow Landslide along the NH-44 in Atharamura Hill, Tripura, India. *International Journal of Geohazards and Environment*, 2016 2(3): 119-130 (ISSN: 2371-9508)

2015

- Pankaj Roy, Sunil Kumar De (2015): A comparative approach to flood frequency analysis of the Puthimari river in Assam, India. *Asian Journal of Spatial Science*, 3:90-99 (published in 2016)(ISSN: 2347-7636)
- Saptarshi Mitra, Stabak Roy and Sunil Kumar De (2015): Tourism Industry of Namchi, South Sikkim: an overview. *Geographical Review of India*, 77 (2): June:2015, 170-181 (ISSN: 0375-6386)
- Saptarshi Mitra, Bikash Das, Stabak Roy, Sunil Kumar De (2015): Transport network system in Namchi Town of South Sikkim: a geographical appraisal. *Geo-Analyst* , 5:2, 1-9 (ISSN 2249-2909)
- Subhajit Sen, Abhijit Santra, Debashis Debbarma, Saptarshi Mitra, Sunil Kumar De (2015): Morphology of Tilla-lunga topography in West Tripura District, Tripura, India. *Annals of the National Association of Geographers, India*, XXXV:2, 77-93 (ISSN-0970-972X)
- L. Turconi, D. Tropeano, G. Savio, S. Kumar De, and P. J. Mason (2015): Landscape analysis for multi-hazard prevention in Orco and Soana valleys, North-Western Italy. *Nat. Hazards Earth Syst. Sci.*, 15, 1–26, 2015
- Subhajit Sen, Sushmita Paul, Saptarshi Mitra, Sunil Kumar De (2015): Assessment of Paleo-seismic condition and deformation of Quartz Tectonite rock in seismotectonically active zone, Atharomura Hill, Tripura, India. In *Resource Management and Development Strategies: A Geographical Perspective* (ed by A. R. Siddiqui and P. K. Singh). Pravalika Publications, Allahabad, pp 131-140 (ISBN 978-93-84292-21-8)

2014

- Ghosh, K., Bandyopadhyay, S., De, S.K. 2013. Regional Scale Landslide Risk Assessment Using Fuzzy Set Approach: A Case Study on Dhalai District, Tripura. *Journal of Indian Geomorphology*, 2: 82-90 (published in 2014). ISSN: 2320-0731
- Sen, Subhajit; Mitra, Saptarshi, Debbarma, Chandrani; De Sunil Kumar (2014). Impact of faults on landslide in the Atharomura Hill (along the NH 44), Tripura. *Environmental Earth Sciences*, Springer, DOI 10.1007/s12665-014-3778-4(ISSN: 1866-6280)
- Bandyopadhyay, Shreya; Ghosh, Kapil; De, Sunil Kumar (2014): A proposed method of bank erosion vulnerability zonation and its application on the River Haora, Tripura, India. *Geomorphology*, Elsevier, 224, pp. 111-121 (ISSN: 0169-555X)

2013

- Sen, Subhajit, Mitra, Saptarshi, De, Sunil Kumar (2013): Micro geomorphic pattern of Upper Dupi Tilla Formation within the "Tilla-Lunga" Landform in the Western portion of Tripura fold belt, Tripura India. *Hill Geographer*, XXIX:1 (2013), 1-13, (ISSN 0970-5023)
- De, Sunil Kumar (2013): Impact of Rubber Plantation on Environment: A Case Study of Some selected Areas of Tripura. In *Climate Change, Biodiversity and Green*

Economy (ed by Sharma, H.S.; Padmaja, S.; Sharma, Ganesh). Concept Publishing co. Pvt. Ltd., New Delhi, pp 239-249 (ISBN 13:987-81-8069-995-5)

- Bandyopadhyay, Shreya; Ghosh, Kapil; Saha, Sushmita; Chakravorti, Sumanto; De, Sunil Kumar (2013): Status and Impact of Brick Fields on the River Haora, West Tripura. *Transactions*, 35: 2, Summer 2013, pp 275-286 (ISSN 0970-9851).
- Ghosh, Kapil; Bandyopadhyay, Shreya; Ghosh, Goutam Kumar; De, Sunil Kumar (2013): GIS based Landslide Vulnerability Assessment in Dhalai District, Tripura. *Journal of Geo-Environment Observer*, 2:2, pp 19-25 (ISSN: 2277-6141)
- Laura Turconi, Sunil Kumar De, Francesca Demurtas, Luca Demurtas, Bruna Pendugiu, Domenico Tropeano, Gabriele Savio (2013): An analysis of debris-flow events in the Sardinia Island (Thyrranian Sea, Italy). *Environmental Earth Sciences*, Springer, 69:5, pp 1509-1521 (ISSN: 1866-6280)
- Bandyopadhyay, Shreya; Ghosh, Kapil; Saha, Sushmita; De, Sunil Kumar (2013): Channel planform change and detachment of tributary: a study on the Rivers Haora and Katakhal, Tripura, India. *Geomorphology*, Elsevier, 193:1, pp. 25-35 (ISSN: 0169-555X)
- Ghosh, Kapil; De, Sunil Kumar; Bandyopadhyay, Shreya; Saha, Sushmita (2013): Assessment of Soil Loss of Dhalai River Basin, Tripura, India using USLE. *International Journal of Geosciences*, 4:1, pp 11-23 (ISSN 2156-8367)
- Bandyopadhyay, Shreya; Saha, Sushmita; Ghosh, Kapil; De, Sunil Kumar (2013): Validation of BEHI Model through field generated data for assessing bank erosion along the River Haora, West Tripura. *Earth Science India*, Vol. 6 (III), July, 2013, pp. 126-135 (eISSN: 0974 – 8350)

2012

- De, Sunil Kumar; Giardino, Marco; Jamatia, Mili (2012): Landslide Hazard Zonation of the Kurseong Subdivision of Darjiling Himalayas using RS and GIS Techniques. *In Mapping Hazards and Disasters* (ed by Subir Sarkar). SAP DRS-1, Department of Geography and Disaster Management, North Bengal University, pp 173-196 (ISBN978-81-921692-3-1)
- Ghosh, Kapil; Bandyopadhyay, Shreya; De, Sunil Kumar (2012): Landslide Susceptibility Zonation using Weight-Rating based method in GIS platform: a case study on Dhalai District, Tripura. *Indian Journal of Geomorphology*, 17 (2), pp 127-145 (ISSN: 0973-2411)
- Ghosh, Goutam Kumar; Ghosh, Kapil; De, Sunil Kumar; Joshi, Varun; Ayala, Irasema Alcantara (2012): An inventory of recent (18th September, 2011) earthquake triggered landslides in the Sikkim Himalayas. *Journal of Geo-Environment Observer*, 1:2, pp 1-12 (ISSN: 2277-6141)
- De, Sunil Kumar; Saha, Sushmita; Bandyopadhyay, Shreya; Ghosh, Kapil; Bandyopadhyay, Sunando (2012): A quantitative Study of Hydrological Parameters of the Khowai River, Tripura. *Indian Journal of Power and River Valley Development*, 62: 7-8, pp 102-109 (ISSN: 0019-5537)

2011

- De, Sunil Kumar; Saha, Sushmita; Bandyopadhyay, Shreya; Ghosh, Kapil, Bandyopadhyay, Sunando (2011): Transformation of wetland- a case study of Brahma Bil in Teliamura Subdivision, West Tripura. *Hill Geographer*, 27:1-2, pp 18-28 (ISSN 0970-5023)
- De, Sunil Kumar, Bandyopadhyay, Sunando, Ghosh, Kapil, Bandyopadhyay, Shreya & Saha, Sushmita (2011): Transformation of Wetland at Taidu area of South Tripura District, India. *Transactions*, 33:2, pp 175-186(ISSN 0970-9851)
- De, Sunil Kumar & Jamatia, Mili (2011): Landslide Hazard Zonation in relation to some physical parameters: A case study on the hilly tract of the Balasan Basin of Darjiling Himalayas, India. *Indian Journal of Geomorphology*, 16: 1 &2, pp 111-124
- De, Sunil Kumar, Bandyopadhyay, Samayita & Jamatia, Mili (2011): Landslides in Tea Gardens: A study on the Kurseong sub-division of Darjeeling Himalayas, India. *In Cloud Stone and the Mind: The People and Environment of Darjeeling Hill Area* (Ed. by Desai, M. & Mitra, S.). K.P. Bagchi & Co., Kolkata, pp 25-38 (ISBN: 978-81-7074-328-6).
- De, Sunil Kumar & Bandyopadhyay, Sunando (2011): Morphological signatures of fault lines in an earthquake prone zone of southern Baromura hill, north-east India: a multi source 4 approach for spatial data analysis. A critical review. *Environ Earth Science, Springer*, 63:437-441.

2010

- De, Sunil Kumar (2010): A quantitative study of the longitudinal and cross-profiles (1989-1994) of the river Balasan in the Darjiling District of West Bengal. *Indian Journal of Geomorphology*. 15 (1+2): pp 67-80.
- Marcella Biddoccu, Laura Truconi, Domenico Tropeano & Sunil Kumar De (2010): Slope Instability and Flood events in the Sangone Valley, Northwest Italian Alps. *Studia Geomorphologica Carpatho-Balcanica*, Vol. XLIV, 2010: 77-112 PL ISSN 0081-6434.
- Turconi, L. , De, Sunil Kumar , Tropeano, D. , Savio, G. (2010): Slope failure and related processes in the Mt. Rocciamelone area (Cenischia Valley, Western Italian Alps). *Geomorphology, Elsevier Science*, 114 (2010) 115-128.

2009

- De, Sunil Kumar (2009): Disaster vs. Vulnerable Population: an Alternative Approach; in *Development Paradigms and Bottom- Up Approaches*, ed. by K.N. Jena and others. Abhijeet Publications, New Delhi; ch. 21, pp 349-358 (ISBN 978-93-80031-12-5)
- De, Sunil Kumar, Ray, S. & Pal, T. (2009): Physico-economic sustainability of rubber plantation - A Case Study on Bishalgarh subdivision of Tripura State. ed. by K.N. Jena, *Globalized India and Developmental Issues*. Abhijeet Publications, New Delhi; ch. 18, pp 244-255 (ISBN 978-93-80031-19-4)
- De, Sunil Kumar, Jamatia, M., Bandyopadhyay, S. (2009) : A Geo-technical investigation of Mirik Landslide, Darjiling Himalayas, in *Geomorphology in India*, ed. by. H.S. Sharma and V. S. Kale , Prayag Pustak Bhawan, Allahabad. Pp. 207-216. (ISBN 81-86539-78-6)

- Basu, S. R., De, Sunil Kumar & Bera, B. (2009): Landslides in India; in Geomorphology in India, ed. by. H.S. Sharma and V. S. Kale , Prayag Pustak Bhawan, Allahabad. Pp. 171-198. (ISBN 81-86539-78-6)

2007

- De, Sunil Kumar (2007): A Study of water resources of the Balasan basin of the Darjeeling Himalayas, India and its conservation; in Indian Journal of Power and River Valley Development, Vol. 57, Nos. 3 & 4, March-April, 2007, pp 122-129

2006

- Dey, S, De, S.K. & C Debbarma (2006): Natural Urban Lake Ecology of Agartala, North East India; Indian Journal of Geography and Environment; Vol-8, Pp-28-40.

2005

- Basu, Subhashranjan, Ghosh, Anusuya & De, Sunil Kumar (2005) : Meandering and cut-off of the river Bhagirathi, in Geomorphology and Environmental Sustainability, ed by Kalwar and others, Concept Publishing Co., New Delhi, pp. 20-37.g (ISBN: 81-8069-028-8)

2004

- De, Sunil Kumar (2004) : "Morphology of Braiding in the River Balasan" – "Indian Journal of Landscape Systems and Ecological Studies " 27:2, 39-42 (ISSN: 0971-4170)
- De, Sunil Kumar (2004): "Causes and consequences of landslides in the Balasan basin of Eastern Himalayas"- In Geomorphology and Environment, ed.by Singh, Sharma & De, acb publications, Kolkata, p. 406-414g (ISBN: 81-87500-19-0)

2003

- Basu, Subhashranjan & De, Sunil Kumar (2003);- "Causes and consequences of landslides in the Darjiling-Sikkim Himalayas, India" – Geographia Polonica, Vol. 76, No. 2, Autumn, 2003, pp. 37-52g (ISSN: 0016-7282)

2001

- De, Sunil Kumar (2001):- " Landslides in the Balasan Basin and their control" – In Changing Environmental Scenario of the Indian Suncontinent (ed.by) S.R.Basu, 2001; acb publications, Kolkata, pp. 406-414 (ISBN: 81-87500-09-3)

1998

- Basu, Subhasranjan & De, Sunil Kumar (1998):- " Soil-loss and its conservation in the Balasan Basin of the Darjeeling Himalaya" – Geographical Review of India, Vol. 60, No. 3, 1998; pp. 123-137 (ISSN: 0375-6386)

1996

- De, Sunil Kumar (1996):- " Anthropogenic transformation and its consequences in the Fluvial process of the Balasan Basin in the Darjeeling Himalaya" – Biswabiksha, Vol. 5, No. 1, 1996; pp. 17-24 (Non-refereed)

1994-95

- Basu, Subhasranjan & De, Sunil Kumar (1994-'95): - "Ambootia- the biggest landslide of Darjeeling Himalaya- A geographical perspective – Himalaya prasanga, Vol. 18 & 19, 1995; pp. 21-21 (Non-refereed)

1993

- De, Sunil Kumar & Mukhopadhyay, Anupa (1993): - Urban Landuse of Budge Budge Municipality" – Geographical Review of India, Vol. 55, No. 3, 1993; pp. 62-72 g
- De, Sunil Kumar (1993): – " Impact of technology on agriculture of Ganrapota, Bongaon, West Bengal" ; - Indian Journal of Landscape System and Ecological Studies, Vol. 16, No.1, 1993; pp 25-28

1992

- Basu, Subhasranjan & De, Sunil Kumar (1992): - " Procuring coal from Lish River Basin and its effect on environment" – Himalaya Prasanga, Vol. 16, 1992; pp. 53-58 (Non-refereed)

PUBLISHED BOOKS

- Sarkar, S. and De, S. K. 2017. Geomorphological Field Guide Book on Darjeeling Himalayas (Series Editor: Amal Kar). Indian Institute of Geomorphologists, Allahabad.
- Shreya Bandyopadhyay and Sunil Kumar De (2017): Human Interference on River Health: A Study on the Haora River, Tripura River, India. **Springer**, 1-218. ISBN 978-3-319-41017-3
- S.R. Basu and Sunil Kumar De (2008): Issues of Geomorphology and Environment. acb Publications, Kolkata
- Savindra Singh, H.S. Sharma & Sunil Kumar De* (2004): Geomorphology & Environment, acb Publications, Kolkata. ISBN: 81-87500-19-0

JOURNAL (GUEST EDITOR)

- Panin, A., Miciu, M., De, S. K., Slaymaker, O.(2016): International Journal of Geohazards and Environment, 2016 2(3) (ISSN: 2371-9508)

PROJECTS (Ongoing/completed)

Principal Investigator /s	Title of the Project	Funding Agency	Duration	Status
Dr. Sunil Kumar De (P.I. – Indian Part)	Innovative Research Methods and technologies for the multispatial / multitemporal analysis of landslides in mountain regions, the prevention and awareness of related natural hazards and risks	Ministry of University & Research, Govt. of Italy	2 Years (2006-'08)	Completed in October, 2008
Dr. Sunil Kumar De (P.I.)	National Workshop on Hydro-geomorphic Hazards: Challenges for Science Communication	Dept. of Science & Technology, Govt. of India	18-20 th November, 2009	Completed (Submitted report)
Dr. Sunil Kumar De (P.I.)	"Geo-environmental Appraisal of Haora River- A Brief Report"	Tripura State Pollution Control Board (Short term project)	Jan-March, 2010	Completed (Submitted report)
Dr. Sunil Kumar De	"Hydro-geomorphic Status of Haora	Tripura State	March, '10 -	Completed

(P.I.)	River, Tripura"	Pollution Control Board (Long term project)	March, '11	
Dr. Sunil Kumar De (P.I.)	"A study of landslides through hazard zonation, risk analysis and preparation of landslide inventory of Dhalai District in the state of Tripura using RS and GIS techniques"	UGC Major Research Project	01.02.2010 - 31.12.2012	Completed (Submitted Report)
Dr. Sunil Kumar De (P.I.)	Hydro-geomorphic Status of Gumti River	Tripura State Pollution Control Board	01.04.2011-30.04.2012	Completed
Dr. Sunil Kumar De (P.I.)	Geo-environmental appraisal of Khowai and Manu rivers	Tripura State Pollution Control Board		Completed

RESEARCH GUIDANCE

Ph.D.

Name of the Student	Title of work/thesis	University where the work was carried out	Status
Mili Jamatia	An Integrated Approach Towards Landslide Hazard Zonation and Mitigation in Kurseong Subdivision of the Darjiling Himalayas	Tripura University	Awarded
Subhendu Ghosh	Evolution and Morphology of Gully Erosion of Lateritic Lands of Paschim Medinipur, West Bengal	Tripura University	Awarded
Goutam Kumar Ghosh	Geo-environmental Appraisal of North District, Sikkim of Sikkim Himalaya with Special Reference to Landslide Hazard	Tripura University	Awarded
Prasamita Sarkar	Geomorphic Signatures and Tectonic Settings of Baramura Hill Area in Tripura: A Study on Regional Disaster Management and Planning	Tripura University	Awarded
Shreya Bandyopadhyay	Impact of Human Interference on River Health: A Case Study of The Haora River in Tripura	Tripura University	Awarded
Kapil Ghosh	A Study of Landslide and Related Phenomena through Hazard and Risk Analysis in the Hilly Tracts of Dhalai District, Tripura	Tripura University	Awarded
Sushmita Saha	A Study of The Geohydrological Problems of Khowai and Haora River Basins, West Tripura, India	Tripura University	Awarded
Sushmita Paul	Geomorphic Evolution and Microstructural Evidences of Environmental Changes in the Fold Structures of Eastern Parts of South Tripura	Tripura University	Awarded

Pankaj Roy	Bank Erosion along the Putimari River, Assam	NEHU, Shillong	Awarded
Arindam Chattopadhyay	Changes in Geomorphic Landscape of Purba Medinipur Coast, West Bengal	NEHU, Shillong	Awarded
Sudatta Wadader	Landslide and soil erosion in the Lachung river basin, Sikkim and their impact on hydro-morphological characteristics in the lower course of the river	NEHU, Shillong	Thesis submitted
Sarmistha Mallick	Assessment of River Health: a case study of Ranikhola river, Sikkim	NEHU, Shillong	Working
Kashmiri Begum	Meander Dynamics of Lower Disang River, Assam	NEHU, Shillong	Working
Rintu Sarkar	Shifts in the course of the lower Teesta River: a geomorphic study	NEHU, Shillong	Working
Arindam Chowdhury	Glacial Lake Dynamics and its potential risk assessment of Chhombu Catchment in Upper Tista Basin, Sikkim Himalayas	NEHU, Shillong	Working
Subhajit Sarkar	Impact of channel avulsion on the morphology of the lower reaches of the Mahananda River.	NEHU, Shillong	Working
Sahidul Karim	Role of controlled and uncontrolled catchments on flood dynamics: a study of the Kangsabati River, West Bengal	NEHU, Shillong	Working
Ria Naskar	Impact of climate change on the temporal occurrence of landslides in South Sikkim since Late Glacial period	NEHU, Shillong	Working
Livi T Ayemi			

M. Phil.

Name of the Student	Title of work/thesis	University where the work was carried out	Status
Sovanlal Mukhopadhyay	Dynamics of Braiding Pattern in Lower Course of the Balasan River, West Bengal	NEHU, Shillong	Awarded
Subhajit Sarkar	Impact of Sand Quarrying on selected parts of the Mahananda River, Siliguri, West Bengal	NEHU, Shillong	Awarded
Monalisha Mili	Anthropogenic Impact on Geo-environmental changes of the Jiadhul river Basin, Assam	NEHU, Shillong	Awarded
Sahidul Karim	Impact of Panchet Dam on the Health of Damodar River	NEHU, Shillong	Awarded
Koyel Das	Impact of River Bank Erosion on Land-use/Land-cover along the Lower Reach of the Balasan River, West Bengal	NEHU, Shillong	Submitted
Livi T Ayemi	Impact of Brick Kilns on Agricultural Land along the Dhansiri River of Dimapur District	NEHU, Shillong	Awarded

PARTICIPATION IN SEMINARS/CONFERENCES/WORKSHOPS/ ORIENTATION/ REFRESHERS COURSES

Within India

Total - 65

Outside India

- i. **SHAANXI, CHINA (April 25-May 1, 2019):** As distinguished Expert in 3rd Joint Scientific Field Investigation on Danxia Landform in Northern Shaanxi (International) organized by Shaanxi Institute of Geological Survey and Yulin Municipal People's Government.
- ii. **Yogyakarta, Indonesia (30 July-02 August, 2018):** Invited as a Speaker in the Summer Course on Ecosystem based Disaster Risk Reduction in the Tropics in the Faculty of Geography, University of Gadjra Mada, Yogyakarta, Indonesia and spoke on Ecosystem based Disaster Risk Reduction in the Tropics: Geomorphological Perspective.
- iii. **VIENNA, AUSTRIA (08.04.2018-13.04.2018)** - Presented poster on "Impact of Human Activities and vice versa on Ranikhola River, Sikkim, India" in the European Geosciences Union Assembly held in the Austria International Convention Centre, Vienna. Participated the IAG (International Association of Geomorphologists) Executive Meeting as Vice President (Working Group In Charge).
- iv. **Yogyakarta, Indonesia (14-27 August, 2017):** Invited as a Guest Lecturer to the Summer Course on Ecosystem based Disaster Risk Reduction in the Tropics in the Faculty of Geography, University of Gadjra Mada, Yogyakarta, Indonesia and spoke on Disaster Management in the Tropics: Geomorphological Perspective.
- v. **Jakarta, Indonesia (14-16 September, 2016):** Delivered lecture as an external expert, to the Center of Natural Resources and Development (CNRD) International Science Policy Workshop on Ecosystem DRR in Urban Areas held in Jakarta, Indonesia, during 14 to 16 September 2016.
- vi. **Beijing, China (August 21-25, 2016):** Presented paper on "Impacts of Rural Clusters and Urban Slum areas on the River Haora, Tripura" in the 33rd International Geographical Congress (33rd IGC) held in Beijing, China during August 21-25, 2016.
- vii. **ZHENJIANG, CHINA (21-23 September, 2015):** Delivered lecture in the inaugural session as the Secretary General of the IGA/AIG in the 3th International Symposium on Danxia Landform to be held at Jianglangshan, Zhenjiang Province, China, on Sept 21, 2015
- viii. **BARNAUL, RUSSIA (2-4 July, 2015):** Presented paper on 'ANTHROPOGENIC IMPACTS ON THE MORPHOLOGY OF THE HAORA RIVER, TRIPURA, INDIA' and Chaired the session on Geomorphological Hazards in the IAG Regional Conference on Geomorphology on 'Gradualism and Catastrophism in Landscape Evolution' at the Altai State University, Barnaul, Russia.
- ix. **ABOU DHABI, UAE (10-12 March, 2015):** Delivered lecture on Human interference on Landslides in Darjiling Himalayas, India in the University of Paris Sorbonne, Abou dhabi on 11th March, 2015
- x. **PADOVA, ITALY (17-22 November, 2014)** - International Conference Analysis and Management of Changing Risks for Natural Hazards, 18-19 November, 2014, Padova, Italy. Delivered lecture on '**Regional Scale Landslide Risk Assessment and Proposed Management Plan - a case study on Dhalai District, Tripura, India**' and Chaired the Session on **Geomorphological Hazards**. Delivered a Lecture for PG Students in the University of Modena, Italy on '**Geomorphological Hazards in Tripura: Some cases of Concern**' on 20th November, 2014.
- xi. **VIENNA, AUSTRIA (28.04.2014- 04.05.2014)** - Organized the IAG (International Association of Geomorphologists) Executive Meeting at the University of Vienna.

- xii. **PARIS, FRANCE (25.08.2013-05.09.2013):** Participated the 8th International Conference on Geomorphology, Paris, France. Presented the papers on 1. *A proposed method of Bank Erosion Hazard Zonation and its Application on the River Haora* as Co-Author, 2. *A comparative study between Weight-rating and Analytical Hierarchical Methods of Landslide Susceptibility Zonation and Geotechnical investigation of some individual landslides in Dhalai District, Tripura, India* and 3. *Landslide Susceptibility in the North District of Sikkim, India* as presenting Author. **Chaired the sessions on Geomorphological Hazards.**
- xiii. **MEXICO (10.05.2010-19.05.2010):** National Autonomous University of Mexico (UNAM) - Scientific Visit as Guest Faculty for teaching students of Post Graduate classes.
- xiv. **VIENNA, AUSTRIA (02.05.2010-07.05 2010) -** Participated the IAG (International Association of Geomorphologists) Executive Meeting and European Geosciences Union Assembly (presented paper on Channel Planform Changes in Tripura).
- xv. **MELBOURNE, AUSTRALIA (06.07.2009 - 11.07.2009) :** Participated the 7th International Conference on Geomorphology, Melbourne, Australia. Presented the papers on 1. *"Landslide Hazard Zonation of the Kurseong Subdivision of Darjiling Himalayas using RS and GIS Technique "* and 2. *"Landslides Affecting the Slopes of Tea Gardens in Kurseong, Darjiling Himalayas"*. **Chaired the sessions on Geomorphological Hazards.**
- xvi. **ITALY (05.11.2007 - 30.11.2007) -** As a Visiting Fellow in the Department of Earth Sciences, University of Turin, Italy in connection with the **Bi-lateral Research Project**. During such stay **special lectures** have been delivered in the **National Research Council (Earth Science Section), Italy** and in the **Department of Earth Sciences, University of Modena, Italy**.
- xvii. **MALAYSIA (24.06.2007 - 28.04.2007) -** Participated the IAG Regional Conference on Geomorphology. Presented the paper on *" A study of landslides through hazard Zonation in the hilly tract of the Balasan Basin of the Darjiling Himalayas"* and **Chaired a session on Geomorphological Hazards.**
- xviii. **HUNGARY (12.09.2005- 19.09.2005) -** Participated the Bilateral Science Exchange Programme between Indian National Science Academy and Hungarian Academy of Sciences and delivered a lecture on *"Rapid Urbanization and its impact on the Environment.."* in the Institute of Geography, University of Pecs, Hungary.
- xix. **ZARAGOZA, SPAIN (07.09.2005- 11.09.2005) -**Participated 6th International Conference on Geomorphology (Zaragoza, Spain) to present the paper on *"Geomorphology of Mirik Landslide in Darjiling Himalayas"*. Selected as the **Vice -Chairman of the IAG Working Group on Geomorphological Hazards.**
- xx. **DORNBIRN, AUSTRIA (02.07.2002) :** Participated the UNESCO Summer- School Course on " Alpine and Sub-alpine Environment" under the Scholarship of UNESCO . **Presented** an article also on *"A comprehensive study on Landslides in the Balasan Basin in the Darjeeling Himalayas"* at the IAG Symposium held at Dornbirn, Austria on 14.07.2002.
- xxi. **TOKYO, JAPAN (23.08.2001) :** Participated the 5th IAG (International Association of Geomorphologists) Conference and **Presented** the article on- *"Causes of landslides in the Balasan basin in the Eastern Himalayas"* **and** participated the field workshop on *"Landslides on Himakawa and Ontake region"* (29.08.2001) and delivered a lecture on *"Landslides of Darjeeling Himalayas- some case studies"*.
- xxii. **RAJSAHI, BANGLADESH (20.11.2000) :** Participated the 9th National Geographical Conference of Bangladesh National Geographical Association & Seminar organized by the Department of Geography, Rajshahi University, Bangladesh and **Presented** the article on *" A study on the Causes and Consequences landslides in the Balasan Basin of Darjeeling Himalayas"*.
- xxiii. **DHAKA, BANGLADESH (24.01.1994) :** Participated the 39th A.G.M. of Bangladesh Geographical Society and Geographical Conference organized by the Department of Geography, Dhaka University, Bangladesh and **Presented** the article on *"Morphology of Ambootia landslide"*

SPECIAL / INVITED LECTURES (apart from Seminar/conferences)

36 (including India and abroad)_as on May_2019

ORGANIZATION OF SEMINAR / CONFERENCE / WORKSHOP:

- **Convener** - 9th International Conference on Geomorphology, Vigyan Bhawan, New Delhi, India during 6-11th November, 2017
- **Coordinator, Refresher Course** on Earth Sciences, Geography and Allied Disciplines, organized by the UGC-HRDC, North Eastern Hill University, Shillong during 19.06.2017-09.07.2017.
- **Coordinator, Refresher Course** on Earth Sciences and Geography, organized by the UGC-HRDC, North Eastern Hill University, Shillong during 28.11.2016-18.12.2016.
- **Organizing Secretary-** 28th IGI Conference and National Seminar on HUMAN IMPACT ON LANDSCAPES (29-31st October, 2015) organized by the Department of Geography, North-Eastern Hill University, Shillong.
- **Organizing Secretary-** 46th Regional Science Conference and National Seminar on UNDERDEVELOPMENT OF THE NORTH EAST REGION AND THE INDIAN STATE (6-8 November, 2014) organized by the Department of Geography, North-Eastern Hill University, Shillong.
- **Convener** - 33rd IIG (Institute of Indian Geographers) Annual conference and International Seminar on "Population, Development and Disaster Management" (8-11th February, 2012) organized by the Department of Geography and Disaster Management, Tripura University.
- **Convener-** Earth Systems Sciences and Disaster Management Sector of 1st Tripura Science Congress. Organized by Tripura State Council for Science and Technology, Agartala, Tripura during September 8-9, 2011
- **Convener** - DST, Govt. of India sponsored National Workshop on "Hydro-geomorphic Hazards: Challenges for Science Communication" (18-20th November, 2009) organized by the Department of Geography and Disaster Management, Tripura University.
- **Convener** - 21st IGI (Indian Institute of Geomorphologists) Conference and NATIONAL SEMINAR ON "Geomorphic Hazards: Issues and Challenges" (28th - 30th November, 2008), Department of Geography and Disaster Management, Tripura University.
- **Convener** - "IAG (International Association of Geomorphologists) Symposium on Geomorphology & Environment and International workshop on Landslides in Darjiling & Sikkim Himalayas" (27.02.2004 - 06.03.2004); organized on behalf of Indian Institute of Geomorphologists (IGI).
- **Convener** - U.G.C. Sponsored State Level Seminar on "Flood in West Bengal - Nature , Analysis & Solution" organized by U.C.T. College, Berhampore (22 - 24 the February,2001)

SCHOLARSHIPS/AWARDS

- i. Appointed as Distinguished Expert in the Shaanxi Institute of Geological Survey, China-2019
- ii. National Scholarship - 1987-'88
- iii. UNESCO Scholarship - 2002
- iv. B.S. Memorial Award - 1986
- v. B.S. Memorial Award - 1987
- vi. P.R. - L. Devi Memorial Award - 1987

MEMBERSHIP IN ACDEMIC BODIES

Life Membership

- i. The Geographical Society of India, Calcutta
- ii. The Indian Institute of Geomorphologists (IGI), Allahabad
- iii. The Indian Geographical Society, Madras
- iv. The Indian Science Congress Association (ISCA), Calcutta
- v. Indian Institute of Landscape, Ecology & Ekistics (ILLE), Calcutta
- vi. Save the Environment, Calcutta
- vii. The Deccan Geographer, Pune
- viii. National Association of Geographers (NAGI), Delhi
- ix. Indian Institute of Geographers (IIG), Pune
- x. North Eastern Geographical Society
- xi. The Geographical Society Of The North-Eastern Hill Region, India
- xii. Indian Society of Remote Sensing
- xiii. Indian Society of Geomatics
- xiv. Indian Society of Training and Development

Annual Membership

European Geosciences Union

ADMINISTRATIVE ACTIVITIES

1. Head, Department of Geography, North-Eastern Hill University (Since 16 December, 2017)
2. Member, Board of Post Graduate Studies, Department of Geography, North-Eastern Hill University (Since July, 2013)
3. Member, School Board, School of Human and Environmental Sciences, North-Eastern Hill University (Since July, 2013)
4. Member, Academic Council, North-Eastern Hill University (Since July, 2013)
5. Warden, Thadlaskein Hostel, North-Eastern Hill University (since 08.08.2013)
6. Head, Department of Geography and Disaster Management, Tripura University (30.07.2010 - 15.10.2012)
7. Superintendent, P.G. Gents Hall, Tripura University - May, 2007 - June, 2013
8. Assistant Co-coordinator, IGNOU Tripura University Study Centre (2601)- January, 2009- December, 2010
9. Coordinator, DST INSPIRE Programme, Tripura University, 2010-2012
10. Chairman, Tripura University Website Committee (upto 27.06.2013)
11. Member, Purchase Committee (Science), Tripura University - upto 27.06.2013
12. Member, Transport Committee, Tripura University - upto 27.06.2013
13. Member, Seminar and Conference Committee, Tripura University - upto 27.06.2013
14. Treasurer, Tripura University Teachers Council - 2009-2013
15. Treasurer, Tripura University Teacher Association (TUTA) - 2008-2013