

## Information Sheet (Required for NAAC and College Website)

**Name: DR SWATI MOLLAH**

**Present & Permanent Address:**

23/4/8, NIRUPAMA DEVI ROAD

P.O-GORABAZAR

PS- BERHAMPORE

DIST.- MURSHIDABAD

STATE- WEST BENGAL

PIN- 42101



**Contact Number: 9734070065/7679499736**

**Email ID: swatimollah@gmail.com**

### 1. ACADEMIC QUALIFICATION:

Examination Passed	Board / University	Subjects/Area	Year Of passing	Division/ Class/Grade	
Secondary Examination	W.B.B.S.E.	Beng, Eng, , Math, Phy Sc, Life. Sc, Hist, Geo, W. Ed.	1991	I	
Higher Secondary	WBCHSE	Physics, Chem., Math & Bio.	1993	I	
Bachelor's Degree (B.Sc. Hons)	AMU, Aligarh	Geography (Hons), Math, Stats & Eng (compulsory)	1997	I	
Master's Degree (M.Sc.)	AMU, Aligarh	Geography	1999	I	
SLET	NA	Human Geography	1999	NA	
Ph. D.	Registration: 22/10/08	University of Calcutta, WB	Flood Hazard (Topic: <b>Flood Hazard in Murshidabad District of West Bengal: An Environmental Appraisal</b> )	2014	NA
	Submission: 08/10/13				
	Viva-voce: 17/09/14				
	Award: 15/10/14				

### 2. DETAILS OF TEACHING/ACADEMIC EXPERIENCE (If any):

Designation	Employer	Date of Joining	Date of Resign
Assistant Professor in Geography	Principal, Dumkal College	02.07.2002	NA
Associate Professor in Geography	Principal, Dumkal College	02.07.2016	Continuing

### 3. ARTICLES/CHAPTERS PUBLISHED IN BOOKS (If any):

- Mollah, S and Khatoon, N (2013): Chapter entitled "Literacy Differential Index: a Spatio-temporal Analysis in Murshidabad District, West Bengal", in *Readings in Population, Environment and Spatial Planning*, eds. Sharma, K.D. et al., (2013) ISPER, Panchkula (Haryana), pp. 115-24. **ISBN: 978-81-927014-0-0.**
- Mollah, S (2013): Chapter entitled "Flood Disaster Management in Rural Areas: a Case Study in Murshidabad District, West Bengal", in *Rural Development and Minority Group in India*, eds. Halder, S. and Saha, S (2013) published by SOPAN, Kolkata, pp.113-28. **ISBN: 978-93-82433-10-1.**

3. Biswas, S and Mollah, S (2013): Chapter entitled “Sinking Groundwater Table in Rural Areas due to Change in Cropping Pattern and Its Management: a Case Study in Murshidabad District, in *Rural Development and Minority Group in India*, eds. Halder, S. and Saha, S (2013) published by SOPAN, Kolkata, pp.113-28. **ISBN: 978-93-82433-10-1.**
4. Mollah, S (2018) chapter entitled “**Causes of Flood Hazard in Murshidabad District of West Bengal: Victims’ Perceptions**”, Chapter 7 in *Neo-thinking in Ganges-Brahmaputra Basin Geomorphology*, eds. Das, B.C. et al. published by Springer, London, Chapter 7, pp.99-114. **ISBN:978-3-319-26442-4**
5. Mollah, S (2022) chapter entitled “**Fluvial Characteristics of Dwarka-Mayurakshi Plain Causing Flood in Kandi Block and Impacts of Manmade Embankments on Riparian Environment**”, Chapter 7 in *Anthropogeomorphology- a geospatial technology- based approach*, eds. Das, B.C. et al. published by Springer, London, Chapter 7, pp.395-409. **ISBN:978-3-030-77572-8**

#### 4. PUBLISHED PAPERS IN JOURNALS (If any):

##### A. Article/Research Paper

1. Mollah, S and Khatoon, N (2009): “Depletion of a Wetland and its Impact Assessment in Murshidabad District: a Micro-Study” **Indian Journal of Landscape Systems and Ecological Studies**, Institute of Landscape, Ecology and Ekistics (CU), Kolkata, Vol. 32, No. 1, pp.189-96. **ISSN 0971-4170.**
2. Mollah, S (2011): “Disastrous Flood in Rural Murshidabad, West Bengal” *The Deccan Geographer*, **The Deccan Geographical Society**, University of Pune, Pune, Vol. 49, No. 2, pp. 23-34. **ISSN 0011-7269.**
3. Mollah, S (2011): “Revival of Spill Channels in Murshidabad District and Flood Management” **Indian Journal of Landscape Systems and Ecological Studies**, Institute of Landscape, Ecology and Ekistics (CU), Kolkata, Vol. 34, No. 2, pp.189-96. **ISSN 0971-4170.**
4. Mollah, S and Khatoon N (2012): “Assessment of Victims’ Level of Awareness on Arsenic Contamination in Food Chain in Rural Areas: a Case Study in Murshidabad District, west Bengal”, **Edulight**, Council of Edulight, Kalyani, Vol. 1, Issue. 1, pp.192-99. **ISSN 2278-9545.**
5. Mollah, S (2013): “Impact of Flood on Society: a Case Study in Murshidabad, West Bengal”, **Indian Streams Research Journal**, Solapur, Vol. 2, Issue. 12, pp.1-11. **ISSN 2230-7850**
6. Mollah, S (2013): “Regional Flood Hazard Mapping in Murshidabad, West Bengal”, **International Journal of Scientific Research**, Ahmedabad, Vol. 2, Issue. 2, pp.391-393. **ISSN 2277-8179. Impact Factor: 0.33.**
7. Mollah, S (2013): “Types and Sources of Flood in Murshidabad, West Bengal”, **Indian Journal of Applied Research**, Ahmedabad, Vol. 3, Issue. 2, pp.352-54. **ISSN 2249-555X. Impact Factor: 0.82.**
8. Mollah, S (2013): “Role of Reservoir in Flood: a Case Study of Flood in 2000 in Murshidabad, West Bengal”, **International Journal of Scientific Research**, Ahmedabad, Vol. 2, Issue. 3, pp.195-98. (Single Author) **ISSN 2277-8179.**
9. Mollah, S and Khatoon, N (2013): “Water Scarcity in Agricultural Sector in Murshidabad, West Bengal” **Global Research Analysis**, Ahmedabad, Vol. 2, No. 3, pp.161-63. (First Author) **ISSN 2277-8160.**
10. Mollah, S (2013): “Vulnerability of Char Dwellers to Flood Hazards-a Case Study in Two Chars in Murshidabad District, West Bengal”, **Indian Journal of Applied Research**, Ahmedabad, Vol. 3, Issue. 3, pp.170-72. (Single Author) **ISSN 2249-555X.**
11. Mollah, S (2013): “The Study of Flood Hazard in Murshidabad, West Bengal” *The Deccan Geographer*, **The Deccan Geographical Society**, University of Pune, Pune, Vol. 51, No. 1 & 2, pp. 23-36. (Single Author) **ISSN 0011-7269.**

12. Mollah, S (2014): "Mapping Regional Vulnerability of Floods in Murshidabad" **Indian Journal of Regional Science**, Regional Science Association, India, Vol. XLVI, No. 2, pp. 81-90. **ISSN 0046-9017**.
13. Mollah, S and Bandyopadhyay (2014): "Significance of Rainfall in the Occurrences of Flood in Murshidabad District, West Bengal, India" **Indian Journal of Spatial Science**, Kolkata, Vol. 4, No. 2, pp. 19-24. **ISSN 2249-3921 (Print) and ISSN 2249-4316 (Online)**.
14. Mollah, S (2014): "Prioritizing Options for Removal of Arsenic Contamination in Daily Food Using Rudit Analysis" **International Journal of ecosystem**, USA, Vol.5, No. 3A, pp. 47-54. (Single Author) **ISSN 2165-8889 (Print) and ISSN 2165-8919**.
15. Mollah, S (2015): "Flood Hazard in Murshidabad District: a River Basin Approach" **Journal of Applied Hydrology**, Vol. XXVII (1-4), pp.97-110. **ISSN:0971-670X**
16. Mollah, S (2016): "Assessment of Flood Vulnerability at Village Level for Kandi Block of Murshidabad District, West Bengal", **Current Science**, Association of Current Science, Bangalore, Vol. 110(1), pp 81-86. **ISSN 0011-3891**
17. Biswas, S, Chakma, N & Mollah, S (2017): "Emission of methane and nitrous oxides from agricultural soils and related global warming potentials of Murshidabad district, West Bengal", **Singapore Journal of Tropical Geography**, Wiley & Blackwell, Singapore. Vol 38 (3); pp.313-331

## 5. RESEARCH PAPERS PRESENTED IN SEMINARS/WEBINARS (If any):

### National Level

1. Paper presented entitled "**In-migration in Jalpaiguri: Nature and Trend**" presented in the UGC sponsored **National Seminar** on "The Nature & Trends of Internal and International Migration in West Bengal" organized by Dept. Of Geography, Maynaguri College, Jalpaiguri (WB) during 11<sup>th</sup> - 12<sup>th</sup> July, **2007**.
2. Paper presented entitled "**Depletion of a Wetland and Its Impact Assessment: a Micro Study**" presented in the UGC sponsored **National Seminar** on "Geomorphic Hazards: Issues and Challenges" organized by Department of Geography and Disaster Management, Tripura University, Tripura during 28 - 30<sup>th</sup> November, **2008**.
3. Paper presented entitled "**Use of Remote Sensing and GIS in Evaluation of Urban Expansion and Land Use Change: a Case Study in Murshidabad District, West Bengal**" presented in the UGC sponsored **National Seminar** on "Globalizing Urban Governance and Sustainable Development" organized by Dept. Of Geography and Applied Geography, Dr. G.M. Roy College, Burdwan during 8-9<sup>th</sup> October, **2010**.
4. Paper presented entitled "**Environmental Hazards and Migration: is Relocation a Secondary Disaster?**" in the UGC sponsored **National Seminar** on "Environmental Hazards" organized by Department of Geography, Dumkal College, Murshidabad during 6 -7<sup>th</sup> January, **2012**.
5. Paper presented entitled "**Housing the Urban Poor**" in the UGC sponsored **State Level Seminar** on "Municipal Finance" organized by Department of Commerce, Dumkal College, Murshidabad during 20<sup>th</sup> January, **2012**.
6. Paper presented entitled "**Flood Hazards and Livelihood Issues**" presented in UGC sponsored **National Seminar** on "Issues on Rural Livelihood in India" organized by Department of Geography, Gour College, Malda during 8 -9<sup>th</sup> September, **2012**.
7. Paper presented entitled "**Disaster Management in the Rural Area: a Case Study of Murshidabad District**" presented in UGC sponsored **National Seminar** on "Rural Development and Minority Group in India" organized by Department of Geography, Kaliachak College, Malda during 11 -12<sup>th</sup> November, **2011**.

8. Paper presented entitled “**Change in Agricultural Pattern and Development of Groundwater in Murshidabad District, W.B**” presented in **UGC sponsored State Level Seminar** on “Environmental Degradation and Strategies for Conservation and Management” organized by Department of Geography, Krishnagar Govt. College, Krishnagar during 24 -25<sup>th</sup> November, **2011**.
9. Paper presented entitled “**Impact of Human Interventions in Himalayan Rivers**” presented in **UGC sponsored National Seminar** on “Himalaya: Environment and Development” organized by Himalaya Samiksha Parishad and Department of Geography, CU, Kolkata during 10<sup>th</sup> November, **2012**.
10. Paper presented entitled “**Sustainable Development and Vulnerability to Flood: a Case Study in Murshidabad**” presented in **UGC sponsored National Seminar** on “Inclusive Growth and Sustainability” organized by Department of Economics and Department of Geography, Berhampore College, Berhampore during 11-12<sup>th</sup> April, **2013**.
11. Paper presented entitled “**Microfinance and Women Empowerment: Quantifying the Satisfaction Level of the Stakeholders**” presented in **UGC sponsored National Seminar** on “Women Empowerment and Rural Development: Role of Microfinance” organized by Department of Economics and Department of Political Science, Berhampore Girls’ College, Berhampore during 23-24<sup>th</sup> November, **2013**.
12. Paper presented entitled “**The Nature of Flood Hazard in Murshidabad District of west Bengal**” presented in **UGC sponsored National Seminar** on “Applications of Geospatial Technology for Sustainable Development” organized by Department of Geography & Applied Geography, North Bengal University, Darjeeling during 13-14<sup>th</sup> February, **2015**.

#### **International Level**

1. Paper presented entitled “**Role of Embankment in Flood Disaster Management: an Empirical Study in Murshidabad District, W.B.**” presented in the **UGC sponsored International Seminar** on “Population, Development & Disaster Management” organized by Department of Geography and Disaster Management, Tripura University, Tripura during 8 - 11<sup>th</sup> February, **2012**.
2. Paper presented entitled “**Uncertainty, Risk and Human Scarcity in the Char in Murshidabad District**” presented in the **UGC sponsored International Seminar** on “Dimensions of Development and Resource Conservation” organized by Department of Geography, University of Calcutta, Kolkata during 10 - 12<sup>th</sup> March, **2012**.
3. Paper presented entitled “**Decaying of Spill Channels and Flood Hazard in Murshidabad District**” presented in the **UGC-DRS-II sponsored International Conference** on “Population Dynamism and Sustainable Resource development” organized by Deptt. Of Geography, AMU, Aligarh during 25-27<sup>th</sup> January, **2012**.
4. Paper presented entitled “**Vulnerability to Flood Risk: a Micro Level Analysis**” presented in the **35<sup>th</sup> Indian Geographers’ Meet & International Conference** organized by Deptt. of Geography, The University of Burdwan, Burdwan during 11-13<sup>th</sup> November, **2013**.
5. Paper presented entitled “**Flood Risk assessment of Kandi Block of Murshidabad District of West Bengal**” presented in the **International Seminar** on “Environmental Perspectives and Resource Management” organized by Institute of Landscape, Ecology and Ekistics, Kolkata during 19 - 20<sup>th</sup> March, **2014**.
6. Paper presented entitled “**Water Resource Management in West Bengal with Special Reference to Murshidabad District, West Bengal**” presented in the **International Seminar** on “Groundwater: Issues & Challenges of the 21<sup>st</sup> Century” organized by Sripat Singh College, Jiaganj and Department of Chemistry, KU, Kalyani during 29 - 30<sup>th</sup> December, **2014**.

7. Paper presented entitled “**Assessment of Vulnerability to Flood for Murshidabad District with Special Reference to Kandi Block: A Re-examination of Approach**” presented in the 29<sup>th</sup> International Conference of the Indian Institute of Geomorphologists organized by Department of Geography, University of Calcutta during 24 - 27<sup>th</sup> November, **2016**.
8. Paper presented entitled “**Out Migration as a Rising Socio-Environmental Problem in Murshidabad District, West Bengal**” presented in the **International Seminar** on “Environmental Crisis: Issues, Challenges, Portrayals and Laws” organized by Manikchak College, Malda, West Bengal on 14 February, **2020**.
9. Paper presented entitled “**Groundwater scenario: Conservation and Management Issues in Eastern Part of Murshidabad District, West Bengal**” presented in the ICSSR sponsored **International Seminar** on “Climate Change: Environmental Sustainability and Application of Geospatial Technology” organized by Department of Geography in collaboration with IQAC, Prof. Syed Nurul Hasan College, Farakka, during 18 - 19<sup>th</sup> January, **2023**.

#### **6. OP/FDP/RC/WORKSHOPS ATTENDED (If any):**

1. **Orientation Course** of four weeks conducted by Academic Staff College during **03 to 28 November, 2003** at the Vidyasagar University, Midnapur.
2. **Refresher Course** of three weeks conducted by Academic Staff College/RCC during **10 February to 02 March, 2005** at the University of Calcutta, Kolkata.
3. **Refresher Course** of three weeks conducted by Academic Staff College/RCC during **05 to 24 September, 2011** at the University of Calcutta, Kolkata.
4. **Refresher Course** of three weeks conducted by Academic Staff College/RCC during **10 February to 07 March, 2014** at the Jawaharlal Nehru University, New Delhi.
5. **ISSR Sponsored Two Week Capacity Building workshop** on Research Methodology for Young Faculty in Social Sciences conducted by School of Social Science, Sikkim University during **25 August-07 September, 2014**
6. **One-week FDP** on Research Support Services: Tools and Techniques conducted by CIRM-University of Kalyani during **22-28<sup>th</sup> August, 2023**

#### **7. OTHERS CERTIFICATE COURSE ATTENDED (If any):**

1. Short Term Course on Data Analysis/SPSS and MINITAB conducted by UGC-HRDC, AMU during **25-31 December, 2015**
2. Short Term Course on Computer Applications conducted by UGC-HRDC, AMU during **15-21 February, 2016**
3. Short Term Course on Computer Applications conducted by UGC-HRDC, AMU during **15-21 February, 2016**

#### **8. MEMBERSHIP / ASSOCIATION WITH THE ACADEMIC BODIES/ ORGANIZATION (If any):**

1. Life Member (LM 1865), **National Association of Geographers**, India (NAGI), DSE, University of Delhi, Delhi.
2. Life Member (DM-905/4000/2011/2035), **the Deccan Geographical Society**, Deptt. Of Geography, Pune University, Pune.
3. Life Member, **the Association of Punjab Geographers**, Patiala, Punjab.
4. Annual Member (AM-026), **Association of Regional Science**, Kolkata (2012-16).
5. Annual Member, **Institute of Landscape, Ecology and Ekistics** (CU), Kolkata (2009, 2011-13)

#### **6. ADMINISTRATIVE EXPERIENCE (If any):**

1. Acted as **Head of the Deptt. of Geography** for 18 years (2002-03 to 2012-13) and 2017-till now, Dumkal College, Dumkal, Murshidabad (WB).



2. **Member of UG board of Studies in Geography** for 12 years (2005-06 to 20013-14, and 2018-till now), University of Kalyani, Kalyani.
3. **Assistant Coordinator, IGNOU**, for five years Dumkal College Centre, Murshidabad (2015-2020)
4. **University Nominee, Governing Body**, Murshidabad Adarsha Mahavidyalaya, Murshidabad for five years (2019-till now)

#### 7. AREAS OF ACADEMIC INTEREST (If any):

- Environmental hazards
- Arsenic pollution
- Groundwater
- Data analysis
- Remote sensing and GIS

#### 8. SKILL AND EXTRA CURRICULAR ACTIVITY (If any):

- Completed NNRMS-ISRO sponsored **Training Course on Application of RS & GIS on Water Resources** from IIRS, GoI, Dehradun in 2008
- Completed **Certificate course on Remote Sensing and GIS** from WBCSST-DST, GoWB in 2012
- Completed **Online Course on Green Infrastructure: Effective Measures to Manage Urban Flooding and Water Supply** organised by SWW-CSE, India & University of the West of England in 2020
- **Certificate course on Geospatial Analysis** from Jadavpur University in 2022

#### 9. PERSONAL INFORMATIONS:

**Father's Name:** Khaleque Mollah

**Mother's Name:** Firoja Mollah

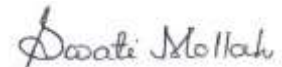
**Sex:** Female

**Category:** General

**Religion:** Islam

**Nationality:** Indian

**Languages known:** English, Bengali, Hindi



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**Date:** 14-05-2024

**Signature**