

Name Dr Tapati Banerjee
Date of birth 15.06.1963
Designation Principal Scientist
Qualification Ph.D in Geography
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Educational Qualifications

- Ph.D University of Calcutta (2008).
- Post-Graduation, Vidyasagar College, Calcutta (1985).
- Graduation , Vidyasagar College, Calcutta (1983).

Professional Experience

- Principal Scientist at NBSS&LUP, RC, Kolkata from 08.02.2022 to till date
- Director, National Atlas and Thematic Mapping Organisation, Kolkata (on deputation) from 09.11.2016 to 07.02.2022
- Principal Scientist at NBSS&LUP, RC, Kolkata from 17.11.2011 To 08.11.2016
- Sr. Scientist at NBSS&LUP, RC, Kolkata from 17.11.2008 to 16.11.2008
- Scientist (SG) at NBSS&LUP, RC, Kolkata from 03.06.2005 to 16.11.2008
- Scientist (Sr.Scale) at NBSS&LUP, RC, Kolkata from 03.06.1999 to 02.06.2005
- Scientist at NBSS&LUP, RC, Kolkata from 08.04.1997 to 02.06.1999
- Scientist at NCIPM, New Delhi from 20.07.1994 to 07.04.1997
- Scientist at NBSS&LUP, Nagpur from 01.11.1993 to 19.07.1994
- Scientist at NAARM, Hyderabad from 03.06.1993 to 31.10.1993

Research Areas

- Geomorphology
- Land use-Soil relationship
- Remote Sensing and Geographic Information Systems
- Thematic cartography

International Experience

- Deputed to Mauritius from 8-9th February 2019 on invitation by ICBDCI- 2019 at 2nd IEEE
- International Conference on Big Data & Computational Intelligence to deliver lecture on "Big Data Initiative in Geospatial Solution"
- Deputed to Thailand as Government of India representative from 18-19th February 2019 to attend the 5th Meeting of Indo-Thailand S & T Committee meeting on Bilateral Cooperation

Awards

- National Award from Prime Minister of India for S & T intervention in empowering the physically challenged on 3rd January 2017 during Annual Session of 104th Indian Science Congress at Sri Venkateswara University, Tirupati, Andhra Pradesh
- 3rd Prize on Paper Presentation at National Seminar on "Research Methods & Techniques for Sustainable Development in India" held on March 25-26, 2006 at Department of Geography, Calcutta University under Research Scholar category Centenary Scholarship of Vidyasagar College 1982
- Vidyasagar College Centenary Medal 1983
- National Scholarship 1984-85

Honours/Recognitions

- UNESCO Excellence and Leadership from UNESCO FOR PEACE

Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	Singh S.K., Baranwal V.K and Banerjee Tapati 2008: A new technique for mapping geographical distribution of crop pests: Its benefits and scope. Journal of Insect Science 21(4): 352-355	7.86
2.	Surendra Kumar Singh, Gurjant Singh Sidhu, Shreyasi Gupta Choudhury, Chandra Bhushan Pandey, Tapati Banerjee & Dipak Sarkar 2014 Soil Organic Carbon Density in Arable and Non-Arable Lands under Varied Soil Moisture and Temperature Regimes in Cold Arid to Sub-Tropical Areas of Western Himalaya, India Arid Land Research and Management Volume 28, Issue 2, pages 169-185	7.70
3.	S. Dharumarajan, S. K. Singh , T. Bannerjee & Dipak Sarkar 2013: Water Retention Characteristics and Available Water Capacity in Three Cropping Systems of Lower IndoGangetic Alluvial Plain, Communications in Soil Science and Plant Analysis, Vol 44 (18) pp: 2734-2745 DOI:10.1080/00103624.2013.803561:	7.30
4.	Tapati Banerjee, K. Das, S. K. Singh and Dipak Sarkar 2013: Microwatershed in Chhotanagpur Plateau, West Bengal, India - Evaluation of Sabai grass as alternate farming option Range Management and Agroforestry Volume 34 (1), pp122-126:	6.37
5.	Singh Surender Kumar, Banerjee Tapati and Baranwal V.K. 2009: Mapping of Pests distribution in India: a case study. Journal of Entomological Research 33(3): 223-225:	5.89
6.	Shreyasi Gupta Choudhury, Tapati Banerjee, Krishnendu Das, Anil Kumar Sahoo, Dulal Chandra Nayak and Surendra Kumar Singh 2019 Soil Resource Characterisation and Classification under different topo sequences in Eastern Extension of Chhotanagpur Plateau, Journal of Indian Society of Soil Science. Vol 67(1), pp 1-11:	5.31
7.	Banerjee Tapati, Dutta D., Sarkar Dipak and Das Debabrata. 2010: Soil moisture based crop planning for farmers' land-a case study from Silai subwatershed of West Bengal Indian Journal of Soil Conservation Vol No. 38(2): 89-93:	5.28
8.	Dutta D, Tapati Banerjee and Dipak Sarkar 2006: Climatic Characteristics and Crop Planning - A Case Study in Birbhum District of West Bengal Indian Journal of Soil Conservation Vol 34(2):	5.28
9.	SK Singh, VK Barnwal, B Tapati, AK Kanojia, S Kanchan, C Chirantan 2017An ICT based e-pest mapping, surveillance, management technique versus traditional system-a comparative study for efficient management of crop-agro ecosystems. Environment and Ecology 35 (3A), 1840-1844:	5.25
10.	A.K.Sahoo, D.C.Nayak, S.Mukhopadhyay, T.Banerjee, S.K.Singh, D.Sarkar, A.K.Sarkar, B.K.Agarwal an D.K.Shahi (2016) Mapping of Block Level Soil Fertility Status of Dumka District, Jharkhand using GPS and GIS Indian Journal of Fertilisers, Vol. 12 (7), pp.50-57:	4.76

Total Publications (Peer-reviewed journals only): 19

International:09

National:10

Research Gate link: <https://scholar.google.com/citations?hl=en&user=cWP4XDkAAAAJ>

Google scholar link:<https://www.researchgate.net/profile/Tapati-Banerjee>