

Name Dr. Siladitya Bandyopadhyay
Date of birth 08.01.1980
Designation Senior Scientist (Pay Level- 13A)
Qualification Ph. D (Agriculture) in Agricultural Chemistry & Soil science
Email id S.Bandyopadhyay@icar.gov.in , siladityabandyopadhyay@gmail.com



Educational Qualifications

- PhD - University of Calcutta – 2008
- M.Sc. (Ag) (Agricultural Chemistry & Soil science)- University of Calcutta - 2003 (Rank First in First Class from Institute of Agricultural Science, University of Calcutta)
- B.Sc. (Hons.) in Chemistry University of Calcutta- 2001

Professional Experience

- Joining in ARS w.e.f. 26th February, 2008 (83rd FOCARS in NAARM)
- Joining in ICAR-NBSS&LUP, HQ. Nagpur w.e.f. 5th July, 2008
- Joining in ICAR-NBSS&LUP, RC, Jorhat w.e.f. 2nd June, 2009 (on Transfer)
- Promotion from Scientist to Scientist (SS) w.e.f. 26th February, 2012
- Joining in ICAR-NBSS&LUP, RC, Kolkata w.e.f. 3rd September, 2016 (on Transfer)
- Promotion from Scientist (SS) to Sr. Scientist (Level-12) w.e.f. 26th February, 2017
- Promotion from Sr. Scientist (Level-12) to Senior Scientist (Level-13A) w.e.f. 26th February, 2020

Research Areas

- 14 years of experience in the field of Pedology- Soil Survey, Soil Classification, Land Evaluation, Land Use Planning
- Accomplished Land Use Planning of Jorhat district, Assam & prepared Decision Support System (DSS) for land use planning as Principal Investigator (2009-2014).
- Accomplished Soil Nutrient Mapping of Nagaland Project (2012-2016) as Principal Investigator.
- Accomplished village level Tribal Sub Plan Programme (TSP) as Principal Investigator in Jorhat district of Assam (2012-2016)
- Accomplished Land Resource Inventory Projects as Principal Investigator in Jorhat, Assam (2012-2015), Hazaribagh, Jharkhand (2016-2020), Tirap, Arunachal Pradesh (2019-2021) and North & Middle Andaman, Andaman & Nicobar Islands (2019-2022).
- Accomplished Village level (Majherpara village, Canning-2 block, Sout 24 Pgs. District) Scheduled Caste Sub Plan (SCSP) Project in Lower Gangetic Delta & Coastal Plains of West Bengal (2020-2022 & till date)
- Presently, working as a Project Leader of Lead LRI Technical Partner Institute (NBSS&LUP) under World Bank funded REWARD Project, Odisha from 2022 onward.

International Experience - Nil

Awards

- Awarded Rank Certificate (1st) for ranking First in First Class in M. Sc (Ag.) from Institute of Agricultural Science, University of Calcutta in 2003. ICAR-Senior Research Fellowship for Ph.D.
- Best Poster Award in the National Seminar on "Sustainable Management of Land Resources for Livelihood Security" during 28-30th January, 2015, organized by ISSLUP at ICAR-NBSS&LUP, HQ., Nagpur.
- Outstanding Scientist Award for the year of 2015-16 by ICAR-NBSS&LUP on the occasion of the Foundation Day, 23rd August, 2016.
- Best Poster Award of the 82nd Annual Convention and National Seminar of the Indian Society of Soil Science (ISSS, New Delhi) by Kolkata Chapter during December, 11-14, 2017 at Kolkata on the topic "Soil Resource Mapping of Dumka Block, Dumka District, Jharkhand for Perspective Land Use Plan.
- Best Paper Award from Indian Society of Soil & Water Conservationists on 23rd September, 2021.

Honours/Recognitions

- Treasurer, Indian Society of Soil science, Kolkata Chapter (2017 till date).
- Councillor, Eastern Zone, Clay Mineral Society of India, New Delhi (2016-18 & 2018-20).
- Presently elected as Organizing Secretary, 24th Annual Convention & national Conference of The Clay Minerals Society of India, 2022.
- Acted as Member of Ph.D. Advisory Committee of a student of Assam Agricultural University, Jorhat, Assam).
- Acted as Supervisor of a scientist in probation (111th FOCARS of ARS) to accomplish Professional Attachment

Training under ICAR-NAARM during February-May, 2021.

- Reviewer of Journal of the Indian Society of Soil Science (2019-20; 2020-21)
Reviewer of Indian Journal of Soil Conservation (2018-19)
- Acted as Faculty Guide of a student for Internship Programme of 4th Semester of M.Sc. in Geoinformatics under Kazi Nazrul University, Asansol, Paschim Bardhaman district, West Bengal (May-July, 2022).

Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	Siladitya Bandyopadhyay, Ishita Bhattacharya, Kunal Ghosh, Chandrika Varadachari. (2008). New Slow-Releasing Molybdenum Fertilizer. Journal of Agricultural and Food Chemistry (American Chemical Society), 56 (4): 1343-1349 .	11.28
2.	Prasenjit Ray, Sudipta Chattaraj, Siladitya Bandyopadhyay, Roomesh Kumar Jena, Surendra Kumar Singh and S.K. Ray (2021). Shifting cultivation, soil degradation, and agricultural land-use planning in the northeastern hill region of India using geospatial techniques. Land Degradation and Development, https://doi.org/10.1002/ldr.3986 .	10.98
3.	Roomesh Kumar Jena, Siladitya Bandyopadhyay, Upendra Kumar Pradhan, Pravash Chandra Moharana, Nirmal Kumar, Gulshan Kumar Sharma, Partha Deb Roy, Dibakar Ghosh, Prasenjit Ray, Shelton Padua, Sundaram Ramachandran, Bachaspati Das, Surendra Kumar Singh, Sanjay Kumar Ray, Amnah Mohammed Alsuhaibani, Ahmed Gaber and Akbar Hossain (2022). Geospatial Modelling for Delineation of Crop Management Zones Using Local Terrain Attributes and Soil Properties. Remote Sensing, 14 (9), 2101. https://doi.org/10.3390/rs14092101	10.85
4.	Ishita Bhattacharya, Siladitya Bandyopadhyay, Chandrika Varadachari, Kunal Ghosh. (2007). <u>Development of a novel slow-releasing iron- manganese fertilizer compound</u> . Industrial Engineering and Chemistry Research (American Chemical Society), 46 (9): 2870-2876	9.72
5.	Prasenjit Ray, S. N. Gogoi, Siladitya Bandyopadhyay, R. K. Jena, S. Ramachandran, G. K. Sharma, K. D. Sah, S.K. Singh and S.K. Ray. (2021). Soil-cum-nutrient management package for achieving high yield and quality of mulberry (Morus indica L.) leaf in acid soil of North Eastern India. Journal of Plant Nutrition (Taylor & Francis), DOI: 10.1080/01904167.2021.1921196	7.71
6.	Birendra Nath Ghosh, Krishnendu Das, Siladitya Bandyopadhyay, Subrata Mukhopadhyay, Dulal Chandra Nayak and Surendra Kumar Singh. (2018). Impact Assessment of GIS Based Land Resource Inventory Towards Optimizing Agricultural Land Use Plan in Dandakaranya and Easternghats Physiographic Confluence of India. Journal of the Indian Society of Remote Sensing (Springer), DOI 10.1007/s12524-017-0743-1 .	7.56
7.	Chandrika Varadachari, Susmita Saha, Siladitya Bandyopadhyay, Kunal Ghosh. (2009) . Biorelease Multinutrient Fertilizers for High altitude Agriculture. Mountain Research and Development, 29 (3): 241-249 .	7.19
8.	Shelton Padua, T. Chattopadhyay, Siladitya Bandyopadhyay, S. Ramchandran, R.K. Jena, P. Ray, P. Deb Roy, U. Baruah, K.D. Sah, S.K. Singh, S.K. Ray. (2018). A simplified soil nutrient information system. Current Science, 114 (6): 1241-1249.	7.10
9.	Prasenjit Ray, S. N. Gogoi, Siladitya Bandyopadhyay, S. Padua, R. K. Jena, P. Deb Roy, S. Ramachandran, G. K. Sharma, K. D. Sah, K. Trivedy. (2019). Fertility status of mulberry (Morus indica L.) growing soils of upper Brahmaputra valley region of north eastern India. Range Management and Agroforestry, 39 (2): 147-155 .	6.37
10.	Siladitya Bandyopadhyay, P. Ray, S. Padua, S. Ramachandran, R. K. Jena, P. Deb Roy, D. P. Dutta, S. K. Singh and S.K. Ray. (2018). Priority Zoning of Available Micronutrients in the Soils of Agroecological Subregions of North East India Using Geo-spatial Techniques. Agricultural Research (Springer), doi.org/10.1007/s40003-018-0327-5 .	5.95

Total Publications (Peer-reviewed journals only): 45

International:08

National:37

Google Scholar link:

<https://www.google.com/search?q=siladitya+bandyopadhyay+google+scholar&aq=chrome.2.0i512j69i57j0i512j69i61l2.6031j0j7&sourceid=chrome&ie=UTF-8>

Research Gate link:

<https://www.researchgate.net/profile/Siladitya-Bandyopadhyay>