

Name	Dr. SILADITYA BANDYOPADHYAY	
Date of Birth	JANUARY 08, 1980	
Designation	PRINCIPAL SCIENTIST (Pay Level- 14)	
Qualification	Ph. D (Agriculture) in Agricultural Chemistry & Soil science	
Email id	S.Bandyopadhyay@icar.or.in siladityabandypoadhyay@gmail.com	
Educational Qualification	2008 – PhD (Agriculture)- University of Calcutta 2003- M.Sc. (Agri) Agricultural Chemistry & Soil Science – University of Calcutta Gold Medallist – 1st in First Class – Institute of Agricultural Science, Univ. Calcutta	
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 - Promotion from Sr. Scientist (Level-13A) to Principal Scientist (Level-14) w.e.f. 26th February, 2023	
Research Areas	18 years of experience in the field of Pedology- Soil Survey, Soil Classification, Land Evaluation, and Land Use Planning, - Currently, working as a Principal investigator of the Lead LRI Technical Partner Institute (NBSS&LUP) under World Bank funded REWARD Odisha Project, from 2022 onward. Odisha Watershed Information System: Delivered more than 2.0 lakh LRI Cards under REWARD Odisha Project. Member of the National Level Technical Committee (NLTC) of REWARD for developing National technical Guideline (NTG)	
Awards	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 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). - Councilor, Eastern Zone, Clay Mineral Society of India, New Delhi (2016-18 & 2018-20). - Elected as Organizing Secretary, 24th Annual Convention & national Conference of The Clay Minerals Society of India, 2022. - Acted as Supervisor of a scientist in probation (111th FOCARS of ARS) to accomplish Professional Attachment Training under ICAR-NAARM during February-May, 2021.	
Teaching/ Guidance	- Acted as a Faculty under Soil Course 504: Soil Mineralogy Soil Genesis and Soil Classification MSC (Ag) Course at IARI Kolkata Mega Hub (2023-24). - Acted as a Faculty under the Soil Course Soil 604 (Mineralogy, Genesis, Soil Classification) and guided three PhD students of IARI Kolkata Hub (2024-25). - Acted as Course Leader cum Faculty under Soil Course 504: Soil Mineralogy Soil Genesis and Soil Classification MSC (Ag) Course at IARI Kolkata Mega Hub (2024-25).	

Best Research Papers along with NAAS Rating	• Siladitya Bandyopadhyay, Ishita Bhattacharya, Kunal Ghosh, Chandrika Varadachari. (2008). New Slow-Releasing Molybdenum Fertilizer. <i>Journal of Agricultural and Food Chemistry (American Chemical Society)</i>, 56 (4): 1343-1349 (NAAS Rating 11.28). • 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. <i>Land Degradation and Development</i>, https://doi.org/10.1002/ldr.3986 (NAAS Rating 10.98). • 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. <i>Remote Sensing</i>, 14 (9), 2101. https://doi.org/10.3390/rs14092101 (NAAS Rating 10.85). • Ishita Bhattacharya, Siladitya Bandyopadhyay, Chandrika Varadachari, Kunal Ghosh. (2007). Development of a novel slow-releasing iron– manganese fertilizer compound. <i>Industrial Engineering and Chemistry Research (American Chemical Society)</i>, 46 (9): 2870-2876 (NAAS Rating 9.72). • 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 (<i>Morus indica</i> L.) leaf in acid soil of North Eastern India. <i>Journal of Plant Nutrition (Taylor & Francis)</i>, DOI: 10.1080/01904167.2021.1921196 (NAAS Rating 7.71). • 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. <i>Journal of the Indian Society of Remote Sensing (Springer)</i>, DOI 10.1007/s12524-017-0743-1 (NAAS Rating 7.56). • Chandrika Varadachari, Susmita Saha, Siladitya Bandyopadhyay, Kunal Ghosh. (2009). Biorelease Multinutrient Fertilizers for High-altitude Agriculture. <i>Mountain Research and Development</i>, 29 (3): 241-249 (NAAS Rating 7.19). • 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. <i>Current Science</i>, 114 (6): 1241-1249 (NAAS Rating 7.10). • 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 (<i>Morus indica</i> L.) growing soils of upper Brahmaputra valley region of north eastern India. <i>Range Management and Agroforestry</i>, 39 (2): 147-155 (NAAS Rating 6.37). • S. K. Reza, G. K. Sharma, N. M. Alam, K. K. Mourya, S. Hota, S. Mukhopadhyay, S. Bandyopadhyay, J. Mukhopadhyay & S. K. Ray. (2024). Assessing Soil Quality Under Different Land-Uses Through Constructing Minimum Datasets from Soil Profiles in a Fragile Ecosystem of Northeastern Region of India. <i>Communications in Soil Science and Plant Analysis (NAAS Rating 7.58)</i>. https://doi.org/10.1080/0010362. • 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. <i>Agricultural Research (Springer)</i>, doi.org/10.1007/s40003-018-0327-5 (NAAS Rating 7.10).
Total Publications-85; Peer-rev. Journals-65 (International-10; Ntional-55); Popular Articles-10, Bulletins-10	

Google Scholar link:

<https://scholar.google.com/citations?user=hiISBWYAAAAJ&hl=en>

Research Gate link:

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