


Brief Bio-Data (by 2026)

Name	Dr. Subhadip Paul	
Date of Birth	22-12-1994	
Designation	Scientist	
Qualification	Ph.D. in Soil Science and Agricultural Chemistry	
Email	buban.soil144@gmail.com / subhadip.paul@icar.org.in	

Education

1) Ph.D. in Soil Science & Agricultural Chemistry	ICAR-IARI, New Delhi	(2019-23)
2) M.Sc. in Soil Science & Agricultural Chemistry	IAS, BHU, Varanasi, Uttar Pradesh	(2017-19)
3) B.Sc. in Agriculture & Allied Sciences	BCKV, Nadia, West Bengal	(2013-17)

Experience

- 1) Scientist, ICAR-NBSS&LUP, RC, Jorhat, Assam from 13-04-2026 to date
- 2) Visiting Scientist, SAC, ISRO, Ahmedabad from 12-01-2026 to 10-04-2026
- 3) Scientist, ICAR-NBSS&LUP, RC, Jorhat, Assam from 05-12-2025 to 09-01-2026
- 4) Scientist, ICAR-NAARM, Hyderabad, Telangana from 11-08-2025 to 25-11-2025
- 5) Scientist, ICAR-NBSS&LUP, RC, Jorhat, Assam from 07-07-2025 to 08-08-2025
- 6) Post-Doctoral Fellow, IoE, BHU, Varanasi, Uttar Pradesh from 16-01-2024 to 15-01-2025

Specialization

- | | |
|-----------------------------|------------------------------------|
| 1) Soil Survey and Mapping | 6) Soil Biogeochemistry |
| 2) Land Use Planning | 7) Microbial Ecology |
| 3) Clay Mineralogy | 8) Environmental Agronomy |
| 4) Soil Nutrient Management | 9) Soil-Plant-Microbe Interactions |
| 5) Conservation Agriculture | 10) Soil Fertility |

Award

Name of Award	Awarding Agency	Year
1) Research Scholar Grant for attending the <i>Centennial Celebration and Congress of the International Union of Soil Sciences</i> at Florence, Italy, during May 19-21, 2024	International Union of Soil Sciences, Rome, Italy	2024
2) Shastri Best Research Paper Award (SBRPA) for Students in Agricultural Sciences (2024-25)	Shastri Indo-Canadian Institute, New Delhi	2024
3) Best Poster at the <i>Shastri Conference and Lecture Series</i>	Shastri Indo-Canadian Institute, New Delhi + Banaras Hindu University, Varanasi	2022
4) Best E-Poster on the <i>Soil organic matter: Integral part of the solution for achieving the global goals of sustainability</i> in the brain storming session on <i>Initiatives and Innovation in Soil Organic Matter: A Review of Prof. Sant Singh's Work to Guide Future Research</i>	Institute of Agricultural Sciences, Banaras Hindu University, Varanasi	2021
5) Second position for making <i>Bio-pots</i> in <i>Rural Technology Hackathon</i>	Indian Institute of Technology, Kharagpur	2018

Honor / Recognition

Name	Awarding Institute	Period
1) Raja Jwala Prasad Post-Doctoral Fellowship	Institute of Eminence, BHU, Varanasi	2024-25
2) ICAR-IARI Senior Scholarship	PG School, ICAR-IARI, New Delhi	2019-23
3) ASRB/ICAR-NET-2019 & -2021 (Soil Science)	ASRB, New Delhi	2019 & 2021
4) Selected in AICE-JRF/SRF (PGS)-2019 (AIR 7)	ICAR, New Delhi	2019
5) Selected for Interview in JRF Biological Sciences Programme (2019-20)	Indian Statistical Institute, Kolkata	2019

Publication

Research Articles

NAAS-2026

- Paul, S.,** Das, D., and Barman, M., 2026. Severe alteration of clay minerals from an exhaustive soil potassium leaching experiment revealed a potential threat to the soil potassium availability in five major agricultural soils of India. *Soil and Tillage Research*, **263**, 107244. <https://doi.org/10.1016/j.still.2026.107244> **12.8**
- Paul, S.,** Das, D., Barman, M., Verma, B.C., Sinha, A.K., and Datta, A., 2024. Selection of a suitable extractant for sequential leaching of soil to evaluate medium-term potassium availability to plants. *Journal of Soil Science and Plant Nutrition*, **24**, 1489–1506. <https://doi.org/10.1007/s42729-024-01654-8> **9.10**
- Paul, S.,** Roy, J., and Rakshit, A., 2024. Enriching soybean with two soil macronutrients through boosting root proliferation with *Trichoderma viride*. *Mycological Progress*, **23**, 8. <https://doi.org/10.1007/s11557-024-01948-2> **9.00**
- Paul, S.,** Barman, M., and Das, D., 2024. Effect of potassic fertilization on yield of fodder sorghum-sudan grass hybrid and selection of extractants for determination of plant potassium availability. *Range Management and Agroforestry*, **45**, 82–89. <https://doi.org/10.59515/rma.2024.v45.i1.11> **6.40**
- Paul, S.,** and Rakshit, A., 2023. Bio-priming with *Trichoderma* enhanced faster reserve mobilization in germinating soybean cotyledons under graded macronutrients. *Journal of Plant Growth Regulation*, **42**, 5461–5475. <https://doi.org/10.1007/s00344-023-10929-w> **10.4**
- Paul, S.,** and Rakshit, A., 2022. Evaluating lignification, antioxidative defense, and physiochemical changes in soybean through biopriming under graded soil fertilization. *Journal of Soil Science and Plant Nutrition*, **22**, 2295–2306. <https://doi.org/10.1007/s42729022-00809-9> **9.10**
- Paul, S.,** and Rakshit, A., 2021. Effect of seed bio-priming with *Trichoderma viride* strain BHU-2953 for enhancing soil phosphorus solubilization and uptake in soybean (*Glycine max*). *Journal of Soil Science and Plant Nutrition*, **21**, 1041-1052. <https://doi.org/10.1007/s42729-021-00420-4> **9.10**
- Mukhopadhyay, R., Mukhopadhyay, A., **Paul, S.,** De, N., and Singh, R.K., 2024. Urea and *Trichoderma harzianum* loaded clay-polymer composite in conjunction with farmyard manure sustains soil moisture and nitrogen availability to manage Fusarium-Meloidogyne disease complex in lentil (*Lens culinaris*). *Communications in Soil Science and Plant Analysis*, **55**, 1071–1091. <https://doi.org/10.1080/00103624.2023.2295274> **7.40**
- Garg, J., **Paul, S.,** and Rakshit, A., 2022. Evaluating the plastic degrading potential of bacterial isolates from a dumping site in Varanasi. *Climate Change and Environmental Sustainability*, **10**, 70–81. <http://dx.doi.org/10.5958/2320-642X.2022.00007.2> **4.68**
- Roy, D., Kundu, R., Datta, A., Mandal, B., **Paul, S.,** and Sharma, S., 2026. Labile carbon dynamics under initial transition to regenerative agriculture. *Soil Security*, **22**, 100226. <https://doi.org/10.1016/j.soisec.2026.100226> **---**

Total Publications (Peer-reviewed journals only)**International: 11****National: 1**

Google Scholar: <https://scholar.google.com/citations?user=FI0VpowAAAJ&hl=en>**ResearchGate:** <https://www.researchgate.net/profile/Subhadip-Paul-3>
