


Profile of Dr. Saubhagya Kumar Samal

	<p>Name: Dr. Saubhagya Kumar Samal Designation: Scientist (Soil Science) Date of Birth: 09.10.1986 Area of Specialization: Soil organic carbon; conservation agriculture Email ID: Saubhagya.Samal@icar.gov.in; saubhagya.ssac@gmail.com ERP ID: 022152 Mobile: +91-7368088673</p>
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Detail Profile

Education

Degree	Year of Passing	University/Institution
Ph.D. (Soil Science and Agricultural Chemistry)	2020	ICAR-Indian Agricultural Research Institute, New Delhi
M.Sc. (Soil Science and Agricultural Chemistry)	2013	ICAR-Indian Agricultural Research Institute, New Delhi
B.Sc. (Ag.)	2010	Orissa University of Agriculture & Technology, Bhubaneswar, Odisha

Professional History

Position	Year	Organization
Scientist	03.04.2023 to Till date	ICAR- Indian Institute of Soil & Water Conservation, RC, Koraput, Odisha
Scientist	09.10.2015 to 29.03.2023	ICAR- Mahatma Gandhi Integrated Farming Research Institute, Motihari
Scientist (Trainee)	01.07.2015 to 30.09.2015	ICAR-NAARM, Hyderabad

Publications (summary)

Sl. No.	Publication	Number
1	Research Publications	15
	National	06
	International	09
2	Books	1
	Authored	0
	Edited	1
3	Book Chapters	4
4	Lead Papers	0
5	Radio talks	0

6	Technical/Research Reports/ Compilation / Bulletins	1
7	Extension Folders/leaf lets	3
8	Symposia/Workshop/Seminar Papers	0
9	Popular article	11
10	Professional Trainings attended	2
11	Consultancy project handled (Leader in 0 & Associated in 4)	0, 0
12	No. of training organized	0
	Short duration sponsored training (Trained : 0)	0
	Soil Conservation Regular Training Course: (5 ½ or 4 months duration) (Trained: 0)	0
	B.Tech students Field Practical training- one to two months (No Students: 30)	2
13	Seminars/Symposia/Workshops/Summer or Winter School/ Organized	0
14	External projects handled	0

Most important 5 Publications

1. **Samal, S.K.**, Rao, K.K., Poonia, S.P., Rakesh, K., Mishra, J.S., Prakash, V., Mondal, S., Dwivedi, S.K., Bhatt, B.P., Naik, S.K., Choubey, A.K., Kumar, V., Malik, R.K., Donald, A.M. 2017. Evaluation of long-term conservation agriculture and crop intensification in rice-wheat rotation of Indo-Gangetic Plains of South Asia: carbon dynamics and productivity. **European Journal of Agronomy**, 90: 198–208.
2. **Samal, S.K.**, Dwivedi, S.K., Rao, K.K., Mishra, Choubey, A.K., Prakash, V., Kumar, S., Mishra, J.S., Bhatt, B.P., Moharana, P.C. 2020. Five years' exposure of elevated atmospheric CO₂ and temperature enriched recalcitrant carbon in soil of subtropical humid climate. **Soil & Tillage Research**, 203: 1-8.
3. Rao K. K., **Samal S. K.**, Poonia S. P., Kumar Rakesh, Mishra J. S., Bhatt B. P., Dwivedi S. K., Mondal S., Choubey A. K., Kumar Santosh, Kumar Manoj, Malik R. K., Dalal R. C. 2021. Conservation agriculture improves soil physical properties and crop productivity: a long-term study in middle Indo-Gangetic Plains of India. **Soil Research**, <https://doi.org/10.1071/SR20329>.
4. Rao K. K., **Samal S. K.**, Kumar M., Naik, S.K., Bhatt, B.P., Prakash, V., Mondal, S., Choubey, A.K., Dalal, R.C., Mishra, J.S., Kumar, U. 2021. Carbon sequestration potential of rice-based cropping systems under different tillage practices. **Agrochimica**, 65 (3): 1-18.
5. **Samal, S.K.**, Datta, S.P., Dwiwidi, B.S., Meena, M.C., Nogiya, M, Choudhary, M., Golui, D., Raza, M.B. 2023. Phytoextraction of nickel, lead, and chromium from contaminated soil using sunflower, marigold, and spinach: comparison of efficiency and fractionation study. **Environmental Science and Pollution Research**, 30: 50847-50863.

Google Scholar link: https://scholar.google.com/citations?user=R7n_zBgAAAAJ&hl=en

ResearchGate link: <https://www.researchgate.net/profile/Saubhagya-Samal>

Awards/Fellowships/Recognitions

Sl. No.	Name of the Award/ Fellowship/Recognition	Awarding organization	Year of award
1	Senior Research Fellowship	Indian Council of Agricultural Research, New Delhi	2014
2	Junior Research Fellowship	Indian Council of Agricultural Research, New Delhi	2011

Research Projects as PI (On-going)

2

Research Projects as PI (Concluded)

Nil

Other important responsibility

1. Coordinator TSP and SC-SP
2. In-charge Soil Science laboratory.