



Brief Profile

Dr Rahul Mishra

Scientist

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Educational Background

Ph.D. (Soil Science & Agricultural Chemistry), ICAR-Indian Agricultural Research Institute, New Delhi (2023);
M.Sc. (Soil Science & Agricultural Chemistry), Indian Agricultural Research Institute, New Delhi (2017); B.Sc. (Ag.)
Institute of Agricultural Sciences, Banaras Hindu University, Varanasi (2015).

Research Specialization: Soil Sciences & Agricultural Chemistry

Soil Fertility, Soil Chemistry, Micronutrients Mapping and Geochemistry, Heavy Metal & Metalloids Contamination
in Soil-Plant system and Risk Assessment

Professional Experience:

S. No.	Positions held	Name of the Institute	From	To
1.0	Scientist	ICAR-National Academy of Agricultural Research Management, Hyderabad- 500 030	5/10/2020	10/01/2021
2.0	Scientist	ICAR-Indian Institute of Soil Science, Bhopal- 462038	11/01/2021	22/02/2021
3.0	Scientist (Under Training)	CSIR-Central Institute of Mining and Fuel Research, Dhanbad- 828108	23/02/2021	31/05/2021
4.0	Scientist	ICAR-Indian Institute of Soil Science, Bhopal- 462038	01/06/2021	Till date

Awards and Honours:

- ❖ Fellowship for Training of Young Scientist (2024) in 39th M.P. Young Scientist Congress from Madhya Pradesh Council of Science and Technology, State Science & Technology Programme, Government of Madhya Pradesh
- ❖ Young Scientist Award (2023) from National Environmental Science Academy, India
- ❖ SERB-International Travel Support (ITS) Grant for participation in the 33rd International Society of Exposure Sciences Annual meeting USA, 27-31 August 2023
- ❖ Conference Award 2023. International Society of Exposure Sciences USA
- ❖ SERB-International Travel Support (ITS) Grant for participation in the 32nd Annual Meeting of the International Society of Exposure Science (ISES), Portugal (25 September, 2022 to 29 September 2022)

- ❖ Conference Award 2022. International Society of Exposure Sciences USA
- ❖ Received Best M.Sc. thesis Award-2019 by Society for rapeseed mustard research Bharatpur Rajasthan in 4th National brassica conference (Feb 1-3, 2019) at Chandra Shekhar Azad university of Agriculture and Technology, Kanpur
- ❖ Received Yash Pal Kalra ISSS Annual convention Travel Award 2018 (19th Nov 2018) by Delhi Chapter of Indian Society of Soil Science
- ❖ IARI Merit Scholarship-2017 ICAR-Indian Agricultural Research Institute, New Delhi
- ❖ Best Seminar Presentation Award-2016 Division of Soil Science and Agricultural Chemistry, ICAR-IARI, New Delhi
- ❖ Awarded Junior Research Fellowship 2015 (all India rank 1 in Physical Science) by Indian Council of Agricultural Research (ICAR), Government of India, for conducting M.S. at ICAR-Indian Agricultural Research Institute (IARI), Pusa, New Delhi, India

Publications:

- ❖ **Mishra, R.**, Datta, S.P., Golui, D., Meena, M.C., Dwivedi, B.S., Rahman, M.M., Bandyopadhyay, K., Bhatia, A. and Pandey, P.S., 2023. Evaluation of different extractants to estimate bioavailable arsenic in soil. *Communications in Soil Science and Plant Analysis*, 54(17), pp.2459-2474.
- ❖ **Mishra, R.**, Sahu, N., Saha, M., Sarkar, A., Yadav, D.K., Saha, J.K. and Patra, A.K., 2023. Nanofertilizers in Agriculture: Futuristic Approach. In *Nano-Biofortification for Human and Environmental Health* (pp. 267-293). Cham: Springer International Publishing.
- ❖ **Mishra, R.**, Datta, S.P., Meena, M.C., Golui, D., Bandyopadhyay, K.K., Bhatia, A. and Chaudhary, A., 2023. Geostatistical analysis of arsenic contamination in soil and comparison of interpolation techniques in Nadia district of Bengal, India. *Emer Life Sci Res*, 9(1): 83-90
- ❖ **Mishra, R.**, Datta, S.P., Annapurna, K., Meena, M.C., Dwivedi, B.S., Golui, D. and Bandyopadhyay, K., 2019. Enhancing the effectiveness of zinc, cadmium, and lead phytoextraction in polluted soils by using amendments and microorganisms. *Environmental Science and Pollution Research*, 26, pp.17224-17235.
- ❖ Choudhary, M., Datta, S.P., Golui, D., Meena, M.C., Nogiya, M., Samal, S.K., Raza, M.B., Rahman, M.M. and **Mishra, R.**, 2023. Effect of sludge amelioration on yield, accumulation and translocation of heavy metals in soybean grown in acid and alkaline soils. *Environmental Science and Pollution Research*, 30(45), pp.101343-101357.
- ❖ Bhardwaj, S., Behera, S.K., Sharma, S.K., Trivedi, S.K., **Mishra, R.**, Shukla, V., Sikaniya, Y., Sikarwar, A. and Yadav, S., 2024. GIS Interpolation and Mapping of Soil Physicochemical Properties in Deep Medium Black Soils of Established Citrus Orchards. *Journal of Scientific Research and Reports*, 30(3), pp.150-163.
- ❖ Preparation of District-wise Sulphur and Micronutrient Status in Soils and Management Options: Atlas of Assam (2023), Manipur (2023), Haryana (2024)