

Name	Dr. Mahaveer Nogiya	
Date of birth	02/01/1985	
Designation	Senior Scientist	
Qualification	Ph.D.	
Email id	mahaveer.nogiya@icar.org.in , mahi.nogiya3@gmail.com	
Educational Qualifications		
• Ph.D (Soil Science & Agricultural Chemistry), ICAR-Indian Agricultural Research Institute, New Delhi (2019) • M.Sc (Soil Science & Agricultural Chemistry), ICAR-Indian Agricultural Research Institute, New Delhi (2013) • • B.Sc. (Ag.) Hons., Dr. PDKV, Akola, MH(2011)		
Professional Experience		
• Senior Scientist at ICAR-NBSS&LUP, Regional Center, Udaipur from 11th December 2024 to till date • Scientist (Sr. scale) at ICAR-NBSS&LUP, Regional Center, Udaipur from 11th December 2019 to 10th December 2024 • Scientist at ICAR-NBSS&LUP, Regional Centre, Udaipur from 10th August 2016 to 11th December 2019 • Scientist at ICAR-NBSS&LUP, LUP Div. Nagpur from 12th Oct. 2015 to 9th August 2016 • Scientist at NAARM, Hyderabad from 1st July 2015 to 30th September 2015		
Research Areas		
• Soil survey and mapping • Remote sensing and GIS (DSM) • Soil fertility, heavy metal pollution		
International Experience - Nil		
Awards		
• ICAR-NBSS&LUP Outstanding Young scientist Award 2023-24 • National Talent Scholarship (NTS-2007) • Junior Research Fellowship (JRF-2011) • Senior Research Fellowship (SRF-2014)		
Honours/Recognitions		
• Guest editor in Discover Soil (Springer Nature) for special collection on “Digital Soil Mapping and Geospatial Innovations for Sustainable Land Management”; Reviewer for high impact international and national journals		
Ten Best Research Papers along with NAAS Rating-2026		
1. Nogiya, M., Pandey, R. N. & Singh, Bhupinder (2016). Physiological Basis of Iron Chlorosis Tolerance in Rice (Oryza Sativa) in Relation to the Root Exudation Capacity, Journal of Plant Nutrition, 39 (11), 1536-1546. (NAAS 7.80) 2. Nogiya, M., Verma, T. P., Moharana, P.C., Singh, R.S., Tailor, B.L., Singh, R., Meena, R.L., Kumar, Sunil and Singh, S.K. (2017). Influence of Landform on the Spatial Variability of Soil		

Fertility in Central State Farm, Jetsar, Sri Ganganagar, District of Rajasthan. *Agropedology*, 27(02), 125-130.

3. Nogiya, Mahaveer, Pandey, R.N., Singh, Bhupinder, Singh, Geeta, Meena, M.C., Datta, S.C. Pradhan, P. and Meena, A.L. (2019). Responses of aerobically grown iron chlorosis tolerant and susceptible rice (*Oryza sativa* L.) genotypes to soil iron management in an Inceptisol. *Archives of Agronomy and Soil Science*, 65(10), 1387-1400. **(NAAS 8.20)**
4. Nogiya, Mahaveer, Dwivedi, B. S., Datta, S. P., Meena, M. C., Das, T. K., Dey, Abir, Samal, S. K., Chaudhary, Mahipal, Sharam, G. K. and Kumar Ashok (2020). Immobilization of iron by organic and inorganic amendments under different soil moisture regimes in metal and metalloid contaminated soil. *Indian Journal of Agricultural Sciences*, 90 (6): 1190–1193. **(NAAS 6.70)**
5. Nogiya, M., Moharana, P.C., Meena, R.L., Yadav, Brijesh, Jangir, A., Malav, L.C., Sharma, R.P., Kumar, S., Meena, R.S., Sharma, G.K., Jena, R.K., Mina, B.L. and Patil, N.G. (2024) Spatial variability of soil variables using geostatistical approaches in the hot arid region of India. *Environ Earth Sci* 83, 432. <https://doi.org/10.1007/s12665-024-11737-5>. **(NAAS 9.30)**
6. Jangir, A., Nogiya, M.*, Yadav, B. Malav L. C., Moharana, P. C., Meena, R. L., Sharma, R. P., Tiwari, G., Dash, B., Naitam, R., Vasu, D., Mina, B. L. & Patil, N. G. (2026). Regional-scale predictive mapping of soil organic carbon in South Gujarat, India using machine learning algorithms. *Environmental Monitoring and Assessment*, 198, 325. <https://doi.org/10.1007/s10661-026-15158-8>. **(NAAS 9.60)**
7. Moharana, P.C., Jena, R. K., Pradhan, U. K., Nogiya, M., Tailor, B. L., Singh, R. S. and Singh, S. K. (2020). Geostatistical and fuzzy clustering approach for delineation of site-specific management zones and yield-limiting factors in irrigated hot arid environment of India. *Precision Agriculture*, 21: 426–448. **(NAAS 13.60)**
8. Yadav, B., Malav, L.C., Jangir, A., Kharia, S.K., Singh, S.V., Yeasin, M., Nogiya, M., Meena, R.L., Meena, R.S., Tailor, B.L., Mina, B.L., Othman Alhar, Munirah Sulaiman, Byong-Hun Jeon, Cabral-Pinto, Marina M.S. and Yadav Krishna Kumar. 2023. Application of analytical hierarchical process, multi-influencing factor, and geospatial techniques for groundwater potential zonation in a semi-arid region of western India. *Journal of contaminant hydrology*, 253, 104122. **(NAAS: 11.50)**.
9. Meena, S. N., Sharma, S. K., Singh, P., Meena, B. P., Ram, A., Meena, R. L., Singh, D., Meena, R. B., Nogiya, M., Jain, D., & Kumar, K. (2024). Comparative analysis of soil quality and enzymatic activities under different tillage based nutrient management practices in soybean-wheat cropping sequence in Vertisols. *Scientific reports*, 14(1), 6840. **(NAAS 10.90)**
10. Sharma, G.K., Meena, G.L., Ali, S., Jena, R.K., Kumar, K., Kumar, A., Rashmi, I., Nogiya, M., Kumawat, A., Mohanty, R.K., Das, B., Gupta, A. and Madhu, M. (2026). Hydrogeochemical modelling and the probabilistic health risk assessment of nitrate and fluoride in the groundwater

of Kota stone mine regions. Environmental Science: Water Research & Technology, 12, 1003-1020. DOI: 10.1039/D5EW00905G (NAAS 9.50)

Total Publications (Peer-reviewed journals only)

International: 35

National: 11

Google Scholar link: <https://scholar.google.com/citations?user=GRvyU58AAAAJ&hl=en>

Research Gate link: <https://www.researchgate.net/profile/M-Nogiya>