

Name	Dr. Banshi Lal Mina	
Date of birth	10-11-1976	
Designation	Principal Scientist & Head	
Qualification	Ph.D. Soil Science & Agricultural Chemistry	
Email id	BL.Meena1@icar.org.in / minabl2004@gmail.com	

Educational Qualifications

Examination/Degree	Board/University	Year of Passing
BSc. Agriculture(Hons)	Rajasthan Collage of Agriculture, Udaipur, RAU-Bikaner	1998
M.Sc. Soil Science and Agricultural Chemistry	SKN Collage of Agriculture, RAU-Bikaner	2000
Ph.D. Soil Science and Agricultural Chemistry	ICAR-Indian Agricultural Research Institute, New Delhi	2005

Research Experience: 22 years

- Principal Scientist & Head at ICAR-NBSS&LUP, RC-Udaipur from 16-10-2021 to till date
- Principal Scientist at ICAR-IISWC, RC-Kota from August 2017 to 15 Oct. 2021.
- Senior Scientist at ICAR- IISWC, RC-Kota from August, 2013 to July, 2017
- Scientist (SS) at ICAR-VPKAS, Almora from February 2008 to July 2013
- Scientist at ICAR-VPKAS, Almora from February 2004 to January 2008

Research Areas

- Remote sensing and GIS in soil Survey and Land use planning
- Soil and water Conservation for sustainable production
- Soil quality and fertility management in different cropping system
- Carbon Sequestration, Organic farming and Conservation Agriculture
- Rehabilitation of mine spoil areas

International Experience: Nil

Awards: ICAR Outstanding Team Research Award in Natural Resource Management for the Biennium 2007-08.

Honours/Recognitions

- Best Poster award in International Conference: 1
- Best Poster award in National Conference: 3
- Key note speaker/ Invited lecture in workshops: 1

S.No.	Details of Publication	No.
1.	Research Paper in International journal	30
2.	Research Paper in National Journals	21

3.	Book Chapter	12
4.	Popular article	30
5.	Extension Folder	17
6.	Research Papers presented in international / National conference	32
7.	Abstract in conference/ symposia / workshop/ short communications	45
Ten Best Research Papers along with NAAS Rating-2026		
S.No.	Research Paper	NAAS Rating
1	Mina, B.L., Saha, Supradip, Kumar, Narendra, Srivastva, A.K. and Gupta, H.S. (2008). Changes in soil nutrient content and enzymatic activity under conventional and zero-tillage practices in an Indian sandy clay loam soil. <i>Nutrient Cycling in Agroecosystems</i> , 82(3):273-281.	8.70
2	Saha, Supradip, Mina, B.L., Gopinath, K.A., Kundu, S. and Gupta, H.S. (2008). Relative changes in phosphatase activities as influenced by source and application rate of organic composts in field crops. <i>Bioresource technology</i> , 99(6):1750-1757.	15.0
3	Saha, Supradip, Mina, B.L., Gopinath, K.A., Kundu, S. and Gupta, H.S. (2008). Organic amendments affect biochemical properties of a sub-temperate soil of the Indian Himalayas. <i>Nutrient cycling in Agroecosystems</i> , 80(3):233-242.	8.70
4	Saha, Supradip, Gopinath, K.A., Mina, B.L. and Gupta, H.S (2008). Influence of continuous application of inorganic nutrients to a Maize–Wheat rotation on soil enzyme activity and grain quality in a rainfed Indian soil. <i>European Journal of Soil Biology</i> , 44(4-5):521-531.	9.30
5	Gopinath, K.A., Saha, Supradip, Mina, B.L., Pande, Harit, Kumar, Narendra, Srivastva, A.K and Gupta, H.S. (2009). Yield potential of garden pea (<i>Pisum sativum</i> L.) varieties, and soil properties under organic and integrated nutrient management systems. <i>Archives of Agronomy and Soil Science</i> , 55(2):157-167.	7.80
6	Narendra Kumar, Mina, B.L., Chandra, S. and Srivastva, A.K. (2011). In-situ green manuring for enhancing productivity, profitability and sustainability of upland rice. <i>Nutrient Cycling in Agroecosystems</i> , 90(3):369-377.	8.70
7	Ali, Shakir, Sethy, B.K., Parandiyal, A.K. Kumar, Ashok, Singh, R.K., Somasundaram, J., Mina, B.L. (2020). Long-term effects of rainwater conservation measure on improving yield, runoff use efficiency and soil properties of horti-pastoral system on the degraded ravine lands of India. <i>Agricultural Water Management</i> , 233: 106068	12.50
8	Rashmi, I., Meena, B.P., Rajendiran, S., Somasundaram J, Joshy, C.G. , Ali, Shakir, Mina B.L., Kumar, Kuldeep Kumar, Ashok, Kumawat, Anita, Kala, S. (2024). Can gypsum and organic amendments achieve sustainability, productivity and maintain soil health under soybean-mustard cropping in sodic soils of western India. <i>Soil &</i>	12.80

	<i>Tillage Research</i> , 240: 106075. https://doi.org/10.1016/j.still.2024.106075 .	
9	Yadav, B., Malav, L.C., Singh, S.V., Kharia, S.K., Yeasin, M., Singh, R.N., Nogiya, M., Meena, R.L., Moharana, P.C., Kumar, N., Sharma, R.P., Obi Reddy, G.P., Mina, B.L. and Jha, P.K. 2023.Spatiotemporal Responses of Vegetation to Hydroclimatic Factors over Arid and Semi-arid Climate. <i>Sustainability</i> , 15(21), p.15191.	9.30
10	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. <i>Environmental Monitoring and Assessment</i> , 198(4), 325. https://doi.org/10.1007/s10661-026-15158-8	9.0

Total Publications (Peer-reviewed journals only): 51, International: 30, National: 21

Google Scholar link:

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

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