

**Name** Dr. Lal Chand Malav  
**Date of birth** 27-06-1990  
**Designation** Scientist (Environmental Science)  
**Qualification** Ph.D.  
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### Educational Qualifications

- Ph.D (Environmental Science), ICAR-Indian Agricultural Research Institute, New Delhi (2018);
- M.Sc (Environmental Science), ICAR-Indian Agricultural Research Institute, New Delhi (2014).
- B.Sc. (Ag.) Hons., MPKV, Rahuri, Maharashtra (2012).

### Professional Experience

Position	Institute	Joining date
Scientist	NAARM, Hyderabad	04.01.2018
Scientist	ICAR-NBSS&LUP, Nagpur	16.07.2018
Scientist	ICAR-NBSS&LUP, RC, Udaipur	09.08.2021

### Research Areas

- Soil pollution
- Soil survey
- Remote Sensing and GIS

### International Experience

Nil

### Awards

- DST-INSPIRE Fellowship, 2014
- UGC NET-JRF in Environmental Sciences, 2013
- Gold medal award, IARI, 2014
- Pradeep Memorial Award for Best Student Division of Environmental Sciences, IARI, 2014
- IARI Merit Fellowship, 2014 (All India Rank3)
- Junior Research fellowship-ICAR, 2012 (All India Rank14)
- ICAR-National Talent scholarship, 2008-2012

### Honours/Recognitions

Nil

### Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	<b>Malav, L. C.</b> , Yadav, K. K., Gupta, N., Kumar, S., Sharma, G. K., Krishnan, S. & Bach, Q. V. (2020). A review on municipal solid waste as a renewable source for waste-to-energy project in India: Current practices, challenges, and future opportunities. <i>Journal of Cleaner Production</i> , 277, 123227.	<b>15.30</b>

2. **Malav, L. C.**, Kumar, S., Islam, S., Chaudhary, P., & Khan, S. A. (2022). Assessing the environmental impact of air pollution on crops by monitoring air pollution tolerance index (APTI) and anticipated performance index (API). *Environmental Science and Pollution Research*, 1-16. **10.22**
3. Kumar, S., Prasad, S., Yadav, K. K., Shrivastava, M., Gupta, N., Nagar, S., ... & **Malav, L. C.** (2019). Hazardous heavy metals contamination of vegetables and food chain: Role of sustainable remediation approaches-A review. *Environmental research*, 179, 108792. **12.50**
4. Khan, S. A., Malla, F. A., **Malav, L. C.**, Gupta, N., & Kumar, A. (2018). Potential of wastewater treating *Chlorella minutissima* for methane enrichment and CO<sub>2</sub> sequestration of biogas and producing lipids. *Energy*, 150, 153-163. **13.15**
5. Sharma, G. K., Khan, S. A., Shrivastava, M., Gupta, N., Kumar, S., **MALAV, L. C** & Dubey, S. K. (2020). Bioremediation of sewage wastewater through microalgae (*Chlorella minutissima*). *Indian Journal of Agricultural Sciences*, 90(10), 2024-8. **6.37**
6. Jangir, A., Tiwari, G., Sharma, R. P., Dash, B., Paul, R., Vasu, D., **Malav, L. C.** & Chandran, P. (2020). Characterization, classification and evaluation of soils of Kamrej Taluka in Surat district, Gujarat for sustainable land use planning. *Journal of Soil and Water Conservation*, 19(4), 347-355. **5.20**
7. Jangir, A., Sharma, R.P., Tiwari, G., Vasu, D., Chattaraj, S., Dash, B., **Malav, L.C.**, Chandran, P., Singh, S.K., Kuchankar, H. and Sheikh, S. 2019. Status of available major and micro nutrients in soils of Kelapur block, Yavatmal district, Maharashtra. *Journal of Soil and Water Conservation*, 18(3): 241-245. **5.20**
8. Jangir, A., Sharma, R. P., Tiwari, G., Dash, B., Naitam, R. K., **Malav, L. C.**, & Singh, S. K. (2018). Characterization and classification of soils of Bharuch taluka in Bharuch district of Gujarat. *Agropedology*, 28 (02), 86-96. **-**
9. Tiwari, G., Jangir, A., Sharma, R. P., Dash, B., Naitam, R. K., **Malav, L. C.**, & Singh, S. K. Characterization and Evaluation of Land Resources of Valia Block, Bharuch District, Gujarat. *Agropedology*, 28 (02), 97-106. **-**

### **Total Publications (Peer-reviewed journals only)**

International: 03

National: 10

Google Scholar link: <https://scholar.google.com/citations?user=hecs1kcAAAAJ&hl=en>

Research Gate link: <https://www.researchgate.net/profile/Lalchand-Malav>