

Name Dr. Sunil Kumar
Date of birth 01.03.1989
Designation Scientist (Senior Scale).
Qualification Ph.D. (Soil Science & Agriculture Chemistry)
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Educational Qualifications

- Ph.D. (Soil Science): CCS Haryana Agricultural University, Hisar, India (2019).
- ICAR-NET: Agricultural Scientist Recruitment Board, New Delhi (2013).
- M.Sc. (Ag.) Soil Science & Agricultural Chemistry, SK Rajasthan Agricultural University, Bikaner, India (2012).
- B.Sc. (Ag.): Chandra Shekhar Azad University of Agriculture & Technology, Kanpur, India (2010).

Professional Experience

- Scientist (Senior Scale) (2019 to till date), at ICAR-National Bureau of Soil Survey & Land Use Planning Regional Centre, New Delhi, India.
- Scientist (2015-2019), at ICAR-National Bureau of Soil Survey & Land Use Planning Regional Centre, Udaipur, India.
- Scientist at ICAR-NBSS & LUP, Nagpur from 10th April to 6th September 2015.
- Scientist at ICAR-NAARM, Hyderabad from 1st January to 31st March, 2015.

Research Areas

- Soil genesis, mineralogy, soil erosion, and carbon sequestration.
- Application of geospatial technologies in natural resource management studies.
- Soil fertility, Soil physics & chemistry.

International Experience - Nil

Awards

- Gold Medal in M.Sc. (Ag.) Soil Science & Agri, Chem. SKRAU, Bikaner (2012).
- JRF-2010 in M.Sc. (Soil Science & Agri. Chem), SKRAU, Bikaner.
- DST-INSPIRE Fellowship (2013) in Ph.D. (Soil Science), CCS HAU, Hisar.

Honours/Recognitions

Reviewer for national/international journals

- Journal of the Indian Society of Soil Science
- Indian Journal of Experimental Biology
- Indian Journal of Agricultural Sciences
- International Journal of Phytoremediation

Ten Best Research Papers along with NAAS Rating-2022

SNo	Publication	NAAS Rating
1.	Kumar, Sunil , Gulati, I.J., Yadav, S.R., Yadav, R.S., Moharana, Meena, R.L., Singh, R., Tailor, B.L., and Singh, R.S. 2018. Impact of low potassium fertilization on potassium transformation under different crop management systems in western plain of arid Indi. <i>Journal of Plant Nutrition</i> , 41(4), 411-424.	7.71

2. Moharana, P.C., Naitam, R.K., Verma, T.P., Meena, R.L., **Kumar, Sunil.**, Tailor, B.L., Singh, R.S., Singh, S.K. and Samal, S.K. 2017. Effect of long-term cropping systems on soil organic carbon pools and soil quality in western plain of hot arid India. *Archives of Agronomy and Soil Science*, 63(12), 1661-1675. **9.09**
3. Moharana, P.C., Singh, R.S., Singh, S.K., Jena, R.K., Naitam, R.K., Verma, T.P., Nogiya, M., Meena, R.L., Gupta, D.K., **Kumar, Sunil.**, Tailor, B.L., and Singh, R. 2018. Assessment of soil quality monitoring indicators under long term rice cultivation in hot arid Ghaggar-flood plains of India. *Archives of Agronomy and Soil Science*. **9.09**
4. Verma, T.P., Moharana, P.C., Naitam, R.K., Meena, R.L., **Kumar, Sunil.**, Singh, R., Tailor, B.L., Singh, R.S. and Singh, S.K. 2017. Impact of cropping intensity on soil properties and plant available nutrients in hot arid environment of North-Western India. *Journal of Plant Nutrition*, 40(20), 2872-2888. **7.71**
5. K.K. Yadav, N.L. Mali, **Sunil Kumar**, Jaya N. Surya, P.C. Moharana, Mahaveer Nogiya and R.L. Meena. 2022. Assessment of Soil Quality and Spatial Variability of Soil Properties Using Geo-Spatial Techniques in Sub-Humid Southern Plain of Rajasthan, India. *Journal of the Indian Society of Soil Science*. 70(1) 45-48. **5.31**
6. P.C. Moharana*, S. Dharumarajan, Nirmal Kumar, R.K. Jena, U.K. Pradhan, R.S. Meena, S. Sahoo, M. Nogiya, **Sunil Kumar**, R.L. Meena, B.L. Tailor, R.S. Singh, S.K. Singh and B.S. Dwivedi (2022). Modelling and Prediction of Soil Organic Carbon using Digital Soil Mapping in the Thar Desert Region of India. *Journal of the Indian Society of Soil Science* **70(1)**: 86-96. **5.31**
7. Singh, T.P., Kumari, Jyoti, Sharma, R.K., Shivani, **Kumar, Sunil**, and Sherry R Jacob. 2019. Morpho-physiological diversity in indian spring wheat cultivars and identification of promising donor under terminal heat stress. *Journal of Cereal Research*. 11(2) 140-146. **4.57**
8. P. C. Moharana , S. Dharumarajan , Nirmal Kumar , U. K. Pradhan , R. K. Jena, R. K. Naitam , **Sunil Kumar** , R. S. Singh , R. S. Meena , M. Nogiya , R. L. Meena and B. L. Tailor. 2021. Digital mapping algorithms to estimate soil salinity in indira gandhi nahar pariyojana (IGNP) command area of India. *Agropedology*. 31 (02), 113-124. -
9. Nogiya, M., Verma, T.P., P.C. Moharana, Singh, R.S. , B.L. Tailor, Singh, R., Meena, R.L., **Kumar, Sunil**, and Singh, S.K. 2017. Influence of the landforms on the spatial variability of the soil fertility in central state farm Jetsar, Sriganganagar district, Rajasthan. *Agropedology*. 27(2) 125-130. -
10. **Kumar, Sunil**, Gulati, I.J., Yadav, S.R., Manisha., Moharana, P.C., Meena, R.L., Nogiya, M. and Singh, R.S. 2017. Assessing of Potassium Reserve and their Relationship with Soil Properties in Western Plain of Arid India. *International Journal of Current Microbiology and Applied Sciences*, 6(9): 01-19. -

Total Publications (Peer-reviewed journals only):

International:**04**

National:**09**

Google Scholar link: <https://scholar.google.com/citations?user=HvGaEcMAAAAJ>

Research Gate link: <https://www.researchgate.net/profile/Sunil-Kumar-19>