

Profile of Dr. S. Kundu

Name: Dr. S. Kundu

Designation: Principal Scientist

Date of birth: 03/01/1957

Education: Ph. D. Soil Science & Agricultural Chemistry, IARI, New Delhi

Post Doctoral Training: Ukraine (1984-1985); Australia (1994)

Major Research area: Soil Chemistry/Fertility/ Microbiology; Application of Nano science& Nano Technology in Soil Science and Plant Nutrition Research

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Professional Experience

Scientist (1986-1992) at VPKAS, Almora

Senior Scientist (1992-2000) at IISS, Bhopal

Principal Scientist (2000-2007) at VPKAS, Almora

Head (2007 –1 Jan., 2014) at Division of Environmental Soil Science, IISS Bhopal

Principal Scientist (2 Feb., 2014- Till date) at IISS, Bhopal

Awards

Name of Award/Honour	Year
Best Poster Award IJA	2002
Dr Rajendra Prasad Puruskar of ICAR	2004
Meritorious Invention award of NRDC	2006
Hari Om Ashram Trust Award	2007
ICAR outstanding Team Research Award	2010
Best Poster Award in international Nano conference	2010



Best Poster Award in VI Nano conference Banglore	2011
Best Poster Award ISSS	2011
Third poster prize in national seminar at Visva-Bharti	2012
Fellow of Indian Society of Soil Science	2013
Fellow of NAAS	2013

Publications

1. Kundu, S., Rajendiran S., Saha, J. K., Coumar, M.V., Panwar, N. R., Hati, K.M., Biswas, A.K., Adhikari, Tapan, Tripathi, A. K. and Rao A. S. (2014). Relationship between dichromate oxidizable and total soil organic carbon and distribution of different pools of organic carbon in Vertisols of Central India. *Indian J. Agric. Sci.* 84: 555-559.
2. Kundu, S., Adhikari Tapan, Coumar M.V., Rajendiran S., Battacharya, R., Saha, J. K., Biswas, A.K. and Rao A. S. (2013) Pine Oleoresin: a potential urease inhibitor and coating material for slow release urea. *Current Sci.* 104: 1068-1071.
3. Kundu, S. Bhattacharya, R., Ved, P, Pathak, H., Gupta, H. S. and Ladha, J. K.(2007). Long term yield trend and sustainability of rainfed soybean-wheat system through FYM application in a sandy loam soils of the Indian Himalayas. *Biol. Fertil. Soil.* 43:271-280.
4. Kundu, S. Bhattacharya, R., Ved, P, Ghosh, B. N. and Gupta, H. S. (2007). Carbon sequestration and relationship between carbon addition and storage under rainfed soybean-wheat rotation in a sandy loam soils of the Indian Himalayas. *Soil Tillage Res.*92:87-95.
5. Kundu, S., Biswas, A. K., Barman, A. K., and Singh, M. (2005). Time course of N₂ fixation and its contribution towards N demand in “JS335” soybean. *Legume Res.* 28(3):178-183.
6. Kundu, S., Singh M., Saha, J.K., Biswas, A.K., Tripathi, A.K. and Acharya C.L. (2001) Relationship between C addition and storage in a Vertisols under soybean-wheat cropping system in sub-tropical central India. *J. Plant Nutr. Soil Sci.* 164: 483-486.
7. Kundu, S., Singh, M., Manna, M. C., Tripathi, A. K. and Takkar, P. (1996). Effect of FYM on nitrogen fixation in Soybean and its net potential contribution to N balance as measured by ¹⁵N tracer methodology. *Indian J. Agril. Sci.* 66(9):509-513.
8. Kundu, S., Singh, M., Manna, M. C., Tripathi, A. K. and Takkar, P. (1996). Utilization of ¹⁵N labeled ammonium and nitrate N by soybean and wheat grown on Typic Haplustert. *Indian J. Agril. Sci.* 68(11):726-728.
9. Kundu, S., Kamath, m. B. and Goswami, N. N. (1988). Effect of sulphate, silicate and fluoride anions. I phosphate fixation in soils. *Indian J. Soil Sci. Soc.* 36:43-47.
10. Kundu, S., Kamath, m. B. and Goswami, N. N. (1988). Effect of sulphate, silicate and fluoride anions. II phosphate fixation in soils. *Indian J. Soil Sci. Soc.* 36(2):48-51.