

RESUME



Name : Dr. K.M. Manjaiah
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Qualification	Ph.D. (Soil Science and Agricultural Chemistry)
Area of Interest/Specialization	Soil Science – chemistry, clay mineralogy and nanotechnology, radionuclides in soil-plants system
Experience	27 years
International Collaboration/Consultancy	BOYSCAST Fellow, University of Guelph, Canada
Best Peer Reviewed Publications (up to 5)	<ol style="list-style-type: none">1. Raj Mukhopadhyay, K.M.Manjaiah S.C.Datta and BinoySarkar 2019 Comparison of properties and aquatic arsenic removal potentials of organically modified smectite adsorbents. <i>Journal of Hazardous Materials</i> 377, 124-131. (NAAS rating: 12.43)2. Kumararaja, P., K. M. Manjaiah, S.C.Datta, T.P.Ahmed Shabeer and Binoy Sarkar 2018. Chitosan-g-poly(acrylic acid)-bentonite composite: a potential immobilizing agent of heavy metals in soil. <i>Cellulose</i>.25 (7): 3985-3999. https://doi.org/10.1007/s10570-018-1828-x(NAAS rating: 9.81)3. Ramesh, T., K.M. Manjaiah, Abinandan Sudharsanamb, Arunachalam Ayyanadar, Rajasekar Karunanithi, Nishant Anandrao Deshmukh, Ngachan Shishom Vanao 2018.Evaluating organic carbon fractions, temperature sensitivity and artificial neural network modeling of CO₂ efflux in soils: Impact of land use change in subtropical India. <i>Ecological Indicators</i>. 93, 129-141 (NAAS rating: 9.98)4. Manjaiah KM and Dhyan Singh (2001). Soil organic matter and biological properties after 26 years of maize-wheat-cowpea cropping as affected by manure and fertilization in a cambisol in semiarid region of India. <i>Agriculture. Ecosystems Environ</i>.86(2): 155-162. (NAAS rating: 9.54)5. Ganeshamurthy AN, Manjaiah KM and Rao AS (1998).

	Mobilization of nutrients in tropical soils through worm casting: availability of macronutrients. <i>Soil Biology Biochem.</i> 30 (13): 1671-1676. (NAAS rating: 10.93)
Best Peer Reviewed Books/Book chapters (up to 3)	<ol style="list-style-type: none"> 1. Sachdev P, Sachdev MS, Manjaiah K.M.,2006. The classification of Indian soils on the basis of transfer factors of radionuclides from soil to reference plants. In: <i>Classification of Soil Systems on the basis of transfer factors of radionuclides from soil to reference plants</i>, IAEA TECDOC-1497, pp 89–100. 2. Datta, S.C., Katyal, J.C. and Manjaiah, K.M. (2015). State of soil science education in India. In <i>State of Indian agriculture – Soil</i>. (Eds) H Pathak, SK Sanyal and PN Takkar, NAAS, New Delhi, pp. 322-331 3. Pathak, H., Manjaiah, K.M. and Prem Dureja (2015) Soil, Water and Air Pollution. In: <i>Soil Science: An introduction</i>, ISSS, New Delhi.
Patents (if any)/honours/recognitions	<ol style="list-style-type: none"> 1. Fellow, The Clay Minerals Society of India 2. Fellow, the Indian Society for Nuclear Techniques in Biology and Agriculture 3. Fellow, the Indian Society of Soil Science