

Profile of Dr.M.C.Manna



1. Name : **MANNA MADHAB CHANDRA**
2. **Designation:** Principal Scientist and Head
3. **Date & Place** (with state) of Birth: 01. 11.1960
(Ramchak, West Bengal)
4. **Education:** Ph. D. Agricultural Chemistry and Soil Science, B.C.K.V, Kalyani, W.B.
5. **Major Research area:** Soil chemistry/fertility/microbiology; Microbial transformation of nutrients in different agro-ecosystems, Bioremediation, Carbon pool dynamics, Carbon sequestration and Climate change; Wastes recycling, and Soil quality.
6. **Email:**madhabcm@yahoo.com
7. **Contact number:**+91-9424444568
8. **Professional Experience**

Position held	Institution	Period of Appointment
Principal scientist & Head, Soil Biology Division (By selection through ASRB)	IISS, Bhopal	12.03.2009- contd.
Principal Scientist	IISS, Bhopal	19.03.2007- 11.03.2009
Senior Scientist	IISS, Bhopal	19.03.1999-18.03.2007
Scientist (Sr. Scale)	IISS, Bhopal	21.01.1997-18.03.1999
Scientist	IISS, Bhopal	11.01-1993-20.01.1997
Scientist	CSSRI, Karnal	21-06-1992 – 10.01.1993
Scientist	NAARM, Hyderabad	21.01.1992 – 20.6.92

9. Awards

Sl. No.	Name of the Award/Recognition	Awarding Organization (place/country)	Year
1	Vijayshree Award	India international friendship society, New Delhi	1997
2.	IMPHOS-FAI award	World Phosphate Institute, Casablanca, Morocco in collaboration with the Fertilizer	2005

Association of India

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| 3. | 12th International Congress Commemoration Award | Indian Society of Soil Science, New Delhi | 2006 |
| 4. | Elected Fellow | Indian Society of Soil science, New Delhi | 2009 |
| 5. | Best poster presentation award | Indian Society of Soil science, New Delhi | 2010 |

10. Publications

1. **Manna, M.C.**, A. Swarup, R.H. Wanjari, P.K. Ghosh, K.N. Singh, Y.B. Singh, A.K. Tripathi, M.N. Saha (2005) Soil organic matter in a West Bengal Inceptisol after 30 years of multiple cropping and fertilization. *Soil Science Society of America Journal (USA)*. 70:121-129.
1. **Manna, M.C.**, A.Swarup, R.H.Wanjari, H.N.Ravankar, B.Mishra, M.N.Saha, Y.V.Singh, D.K.Sahi, and P.A.Sarap (2005) Long-term effect of fertilizer and manure application on soil organic carbon storage, soil quality and yield sustainability under sub-humid and semiarid- tropical India. *Field Crops Research (U.K.)*. 93 :264-280.
2. **Manna,MC.**, P. Bhattacharyya, T. K.Adhya, M.Singh, R.H.Wanjari, S.ramana, A.K.Tripathi, K.N.Singh, K.S.Reddy, A.Subba Rao, R.S.Sisodia., M. Dongre, P. Jha, S.Neogi, K.S.Roy, K.S.Rao, D.S.Sawarkar and V.R.Rao (2013) carbon fraction and productivity under changed climate scenario in soybean-wheat system. *Field Crops Research*. 145:10-20.
3. **Manna, M.C.**, P.K.Ghosh and B.N. Ghosh and K.N. Singh (2001). Comparative effectiveness of phosphate enriched compost and single super phosphate on yield, uptake of nutrients and soil quality under soybean-wheat rotation.*J. Agricultural Sci. (Cambridge)* . 137:45-54.
4. **Manna, M.C.** A. Swarup, R.H.Wanjari, B.Mishra and D.K.Sahi(2007) Long-term fertilization, manure and liming effects on soil organic matter and crop yields *Soil and Tillage Research (UK)*. 397-409.
5. **Manna, M.C.**, A.Swarup; R.H.Wanjari and H.N.Ravankar Long-term effect of NPK fertilizer and manure on soil fertility and a sorghum-wheat farming system *Australian Journal of Experimental Agriculture (Australia)*. 47: 700-711.
6. **Manna, M.C.**, M. Singh, S. Kundu, A.K. Tripathi and P. N. Takkar (1997). Growth and reproduction of the vermicomposting earthworm *Perionyx excavatus* as influenced by food materials. *Biology and Fertility of Soil (Germany)*. 24: 129-132.
7. **Manna, M.C.**, S. Jha, P.K. Ghosh and C.L. Acharya (2003). Comparative efficacy of three epigeic earthworms under different deciduous forest litters decomposition. *Bioresource Technology (U.K.)*. 88: 197-206.
8. **Manna, M.C.** and M.V. Singh (2001). Long-term effect of intercropping and bio-litter recycling on soil biological activity and fertility status of sub-tropical soils. *Bioresource Technology (UK)*. 76:143-150.
9. **Manna, M.C.**, A. Subba Rao and T.K.Ganguly (2006) Effect of Fertilizer and Farmyard Manure on bioavailable P as influenced by rhizosphere microbial activities in soybean-wheat rotation. *J. Sustainable Agri. (USA)* 29 (3): 149-166
10. Ghosh, P.K. **M.C.Manna**, D. Dayal and R.H.Wanjari (2006) Carbon sequestration potential and sustainable yield index for groundnut- and fallow- based cropping systems *Journal of Agricultural Sciences (Cambridge)*. 144:1-11.