

Professional Positions Held

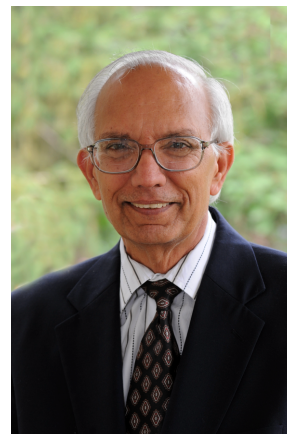
2020 – Director, CFAES Rattan Lal Center for Carbon Management and Sequestration, OSU, OH, USA
 2020 – 2021 Member, Science Committee and Action Track 1 & 3, United Nations Food Systems Summit (UNFSS), NY, USA
 2020 – Member, Advisory Board, International Fertilizer Development Center (IFDC), AL, USA
 2020 – Member, Advisory Board, German Academic Exchange Service (DAAD), Bonn, Germany
 2020 – Chair in Soil Science & Goodwill Ambassador for Sustainable Development, IICA, Costa Rica
 2020 – Steering Committee, Project Drawdown, Global Council for Science and Environment, CA, USA
 2020 – Adjunct Professor, Indian Agricultural Research Institute (IARI), New Delhi, India
 2019 – 2020 International Science Council, Liaison Officer for IUSS, France
 2019 – 2020 Member, Science Advisory Group, Leonardo DiCaprio Foundation, CA, USA
 2018 – Member, Science Policy Interface, UNCCD, Bonn, Germany
 2017 – 2019 Member Board of AAA, and Executive Committee of “4 per Thousand,” Paris, France
 2014 – 2019 Chair, Science Advisory Committee, UNU-FLORES, Dresden, Germany
 2013 – 2016 Member, Steering Committee, Global Soil Week (IASS), Potsdam, Germany
 2013 – 2016 Member, Advisory Board, Food Agriculture and Climate Change (FACCE), E.C. (Brussels)
 2011 – 2012 Sr. Science Advisor, Inst. Advanced Sustainability Studies (IASS), Potsdam, Germany
 2011 – 2018 Member, Scientific Advisory Board, SERDP, DOD, Washington, D.C.
 2011 – 2014 Member, Federal Advisory Committee, Climate Assessment Report, NOAA, Washington, D.C.
 2011 – Distinguished University Professor of Soil Science, CFAES, The Ohio State University
 2009 – Adjunct Professor, University of Iceland, Reykjavik, Iceland
 2001 – 2020 Director, Carbon Management and Sequestration Center, The Ohio State University, Columbus, OH
 1989 – 2011 Prof. Soil Science, The Ohio State University, Columbus, OH
 1987 – 1989 Assoc. Professor, Soil Science, The Ohio State University, Columbus, OH
 1984 – 1987 Co-Chair, Tropical Land Clearing for Sustainable Agriculture, IBSRAM, Bangkok, Thailand
 1981 – 1984 Chair, Inter. Com. on Tropical Deforestation and Land Development, IITA, Ibadan, Nigeria
 1970 – 1987 Soil Physicist, International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria
 1968 – 1969 Senior Research Fellow, University of Sydney, Australia
 1965 – 1968 Research Assistant, OARDC, Ohio State University, Columbus, USA
 1963 – 1965 Research Assistant, Rockefeller Foundation, IARI, New Delhi, India

Service to Professional Organizations

2019 – Editor-In-Chief, *Advances in Soil Science*, Taylor and Francis
 2017 – 2018 **President, International Union of Soil Sciences, Vienna, Austria**
 2007 – 2008 Member, NRC/NAS Panel on Africa and Asia, NRC/NAS, Washington, D.C.
 2006 – 2007 **President, Soil Science Society of America**
 2010 – 2019 Co-Editor-In-Chief *Advances in Soil Science*, Taylor and Francis
 2004 – 2012 Co-Editor-in-Chief, *Soil & Tillage Research*, Elsevier, Holland
 2003 – 2005 Lead Author, U.N. Millennium Ecosystem Assessment
 2000 – Editor-in-Chief, *Encyclopedia of Soil Science*, Dekker, NY, Taylor and Francis
 2000 – 2005 Member, Review Panel, Environ. Division, Los Alamos National Lab., New Mexico
 1998 – 2002 Member, U.S. Nat'l Comm. on Soil Sci., Nat'l Acad. Sci., Washington, D.C.
 1998 – 2000 Lead Author, IPCC Special Report, LULUCF, Geneva, Switzerland
 1993 – 1996 Corresponding author, IPCC Working Group II: Geneva, Switzerland
 1990 – 1993 Member NRC/NAS Panel on Sustainable Agric. & Vetteria (90-92) NRC, Washington, D.C.
 1988 – 1991 **President, Int'l Soil Tillage Research Organization**
 1987 – 1990 **President, World Association of Soil and Water Conservation**

Awards

1. Padma Shri Award, bestowed on the 72nd Republic Day by the Government of India, New Delhi, India (2021)
2. Ranked #391 globally among Reuters “The Hot List” of top 1,000 climate scientists (2021)
3. Ranked #1 in Agronomy & Agriculture; #34 (for 2020) & #73 (1973-2020) globally among top 2% of scientists by Ioannidis et al. (2019-2021)
4. Arrell Global Food Innovation Award in the Research Category, Guelph, Ontario, Canada (2020)
5. World Food Prize, WFPF, Des Moines, IA, USA (2020)
6. Japan Prize in “Biological Production, Ecology,” Tokyo, Japan (2019)
7. GCHERA World Agriculture Prize, Nanjing, China (2018)
8. Glinka World Soil Prize, FAO, Rome, Italy (2018)
9. U.S. Awasthi IFFCO Award, New Delhi, India (2019)
10. Alumni Medalist (2019), 422nd Commencement Medal (2019), Professional Achievement Award (2012), OSU Alumni Association, OH, USA
11. Medal of Honor, UIMP, Santander, Spain (2018); Distinguished Service Medal, IUSS, Rio, Brazil (2018)
12. Sustained Achievement Award, Renewable Natural Resources Foundation, Washington DC, USA (2017)
13. Doctor of Science, *Honoris Causa*: IARI, New Delhi, India (2021); Amity University, U.P. India (2020); PUCV, Chile (2019); Gustavus Adolphus College (2018); Univ. of Lleida, Lleida, Spain (2017); TUD, Germany (2015); Alecu Russo Balti State University, Moldova (2010); Norwegian University of Life Sciences, Norway (2005); PAU, Ludhiana, India (2001)
14. Atlas Award, Best Paper Among 2500 Journals, “Food Security in a Changing Climate,” Elsevier Science Publisher, Amsterdam, (2016)
15. INRA, Morocco Government Award for Strategic Development of Earth System Science Worldwide, Marrakesh, Morocco (May 2016)
16. Clarivate-Thomson Reuters Highly Cited Researchers (top 1%) (2014-2020), World’s Most Influential Scientific Minds (2014-2016)
17. Global Drylands Champion, UN Convention to Combat Desertification, Bonn, Germany (2013)
18. Honorary Member, Indian Society of Soil Science (2012), WASWAC (2000), DBG: Korrespondierendes Mitglied (2020)
19. Distinguished Achievement in Agriculture Award, Gamma Sigma Delta International (2012)
20. M.S. Swaminathan Award, TAAS, New Delhi, India (2009)
21. IPCC—Nobel Peace Prize Certificate, Geneva, Switzerland (2007)
22. Liebig Award, International Union of Soil Sciences, Philadelphia, USA/Vienna, Austria (2006)
23. Norman Borlaug Award, Coromandel Fertilizers, IARI, New Delhi, India (2005)
24. Distinguished Lecture (2000), Distinguished Scholar Award, (1994), The Ohio State University, Columbus, OH, USA
25. Hugh Hammond Bennett Award (1998), Best Research Paper for Quality and Impact Honorable Mention Award (2020), JSWC, Ankeny, USA
26. Soil Sci. Res. Award (2002), International Soil Sci. Award (1988); Soil Sci. Applied Res. Award (1992) of SSSA, WI, USA
27. Fellow: ASA (1985), SSSA (1986), TWAS (1992), AAAS (1996), SWCS (1997) NAAS, India (1998), Rothamsted, UK (2013)
28. Carl Sprengel Agronomic Res. Award (2005), Environment Quality Award (2004), Int'l Agronomy Award (1995), ASA, WI, USA
29. Gold Medal, BSc from PAU, Ludhiana, (1963); Gold Medal MSc from IARI, New Delhi (1965), Dist. Alumni Award PAU (1998)



- **Publications:** ~2762 (through 12/2021)
- **Refereed journal articles:** 1036
 - 1st author: 317, 2nd author: 406, 3rd author: 152, other: 161
- **Books written/edited:** 102
- **Book chapters:** 567
- **h-index:** 172 (12/2021 – Google Scholar)
- **Total Citations:** ~129,861
- **Mentoring:** ~380 Intl. professionals
- **Graduate students:** 115