

Prof. Rattan Lal

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Professional Positions Held

1963 - 1965 Research Assistant, The Rockefeller Foundation, New Delhi, India
1966 - 1968 Research Assistant, OARDC, Wooster, OH, U.S.A.
1968 - 1969 Senior Research Fellow, University of Sydney, Australia
1970 - 1987 Soil Physicist, IITA, Ibadan, Nigeria
1987 - 1989 Associate Professor, Soil Science, The Ohio State University, Columbus, OH
1989 - to date Prof. Soil Science, The Ohio State University, Columbus, OH
2001- to date Director, Carbon Mgt. & Sequestration Center, OARDC/OSU, Columbus, OH
2009 - to date Adjunct Professor, University of Iceland, Reykjavik, Iceland
2011- to date Distinguished University Professor of Soil Science

Additional Administrative Experience

1981 - 1984 Chair, International Committee on Tropical Deforestation and Land Development, IITA, Ibadan, Nigeria
1984 - 1987 Co-Chair, Tropical Land Clearing for Sustainable Agriculture, IBSRAM Network, Thailand

Service to Professional Organizations

1982 - 1987 Vice President, Int'l Commission on Continental Erosion
1987 - 1990 President, World Association of Soil and Water Conservation
1988 - 1991 President, Int'l Soil Tillage Research Organization
1990 - 1992 Member NRC/NAS Panel on Vetiveria, NRC, Washington, D.C.
1990 - 1993 Member NRC/NAS Panel on Sustainable Agric., NRC, Washington, D.C.
1993 - 1996 Corresponding author, IPCC Working Group II: Geneva, Switzerland
1998 - 2000 Lead Author, IPCC Special Report, LULUCF, Geneva, Switzerland
1998 - 2002 Member, U.S. Nat'l Comm. on Soil Sci., Nat'l Acad. Sci., Washington, D.C., and 2007-2010.
2000 - to date Member, Review Panel, Environment Division, Los Alamos National Laboratory, New Mexico
2000 - to date Editor-in-Chief, Encyclopedia of Soil Science, Dekker, NY
2003 - 2005 Lead Author, U.N. Millennium Ecosystem Assessment
2004 - to date Co-Editor-in-Chief, Soil & Tillage Research, Elsevier, Holland
2006 - to date Editor for the Americas, Land Degradation & Development, J. Wiley & Sons, U. K.
2006 -2007 President, Soil Science Society of America
2007 - 2008 Member NRC/NAS Panel on Africa and Asia, NRC/NAS, Washington, D.C.

2008- Editor In Chief, Advances in Soil Science, Taylor and Francis

2012- Member, Scientific Advisory Board, SERDP, US DOE, Washington, DC

2010-2013 Member, Federal Advisory Committee on Climate Change, NCADC, Washington, DC

2013 Member, Scientific Advisory Board, FACCE-JPI, European Research Council

Current Funding Support and Collaboration (Total Grants Received Since 1982= US \$ 58.75 millions)

(i) U.S. Government and Foundations: USDA (NRCS, ERS, CSREES), USAID, USDOE, US State Dept., US-EPA, The Rockefeller Foundation, TIE/CWC-OSU

(ii) Industry: Monsanto, Corn Growers Assoc., Soybean Growers Assoc., AEP, Ohio Coal Development, Tata Trust

(iii) National Laboratory: Oak Ridge Nat'l. Lab., Los Alamos Nat'l Lab., Pacific Northwest Nat'l. Lab., Battelle, Brookhaven Nat'l. Lab.

Graduate Students, Postdoctoral Fellows and Visiting Scientists Supervised

M. Sc: 56 Ph. D: 46

Postdoctoral Fellows: 53

Visiting Scientists & Special Trainees: 107

Publications

Books written: 12 | Refereed journal articles: 655

Reviews and keynote papers: 339 | Books edited: 52

Chapters in multi-authored books: 361

Miscellaneous: 208 | Science Citation h-Index: 94

Total Publications: 1649

Awards and Honors

- Liebig Award, International Union of Soil Sciences, Wageningen, Holland (2006)
- Presidential Lecture, Current Trends, Chaired by President Grimsson of Iceland, Reykjavik, Iceland (10 May 2006)
- IPCC - 2007 Nobel Peace Prize Certificate
- COMLAND 2009 Award, Commission on Land Degradation & Desertification: Berlin, Germany
- M.S. Swaminathan Award, 12 August 2009, New Delhi, India
- Doctor of Science, Honoris Causa, Alecu Russo Balti State University, Republic of Moldova (2010)
- Distinguished University Professor of Soil Science, 2011, The Ohio State University, Columbus, OH
- Professional Achievement Award, Alumni Association, The Ohio State University, 2012
- Distinguished Achievement in Agriculture Award. Gamma Sigma Delta International, 2012
- Global Dryland Champion, UNCCD, 2013