

### **Book-Chapters**

1. Shukla M. K., and R. Lal. 2006. Air Permeability of Soils. Encyclopedia of Soil Science. (Ed.) R. Lal. Marcel Dekker, Inc., 270 Madison Ave., NY, p. 60-63.
2. Shukla M. K., and R. Lal. 2006. Water Infiltration in Soils. Encyclopedia of Soil Science (Ed.) R. Lal. Marcel Dekker, Inc., 270 Madison Ave., NY, p. 1855-1857.

### **Invited Presentations**

1. **Shukla** M.K., T.R. Ellsworth, R.J. Hudson and D.R. Nielsen. 2001. Dependence of dispersivity on average pore water velocity. 65<sup>th</sup> Annual SSSA meeting in Charlotte, North Carolina, Oct. 21-25.
2. **Shukla**, M.K. 1998. Recent research with soil erosion models. International Conference on Experiences with Soil Erosion Models. Prague. 5-8 May.
3. **Shukla** M.K. 1996. Estimation of saturated hydraulic conductivity. Preceding 6th ICID.CIID international workshop on Drainage and Environment. Ljubljana, Slovenia April 21-29.
4. **Shukla**, M.K. and G.C. Mishra. 1994. Canal discharge and seepage relationships. Preceding of VI National Symposium on Hydrology at Shillong, Meghalaya, April 10 -24, p. 263-279.

### **Conference Papers (including abstract)**

1. Ikemura Y. and M.K. Shukla. 2006. Soil Physical and Chemical Properties in Age Chronosequence of Organic Farms. 18<sup>th</sup> World Congress of Soil Science, Philadelphia, Pennsylvania, July 9-15.
2. Ikemura Y. and M.K. Shukla. 2006. Soil quality in a cotton field in southern New Mexico. p.221-229 *In* R.C. Schwartz, R.L. Baumhardt, and J.M. Bell (eds.) Proc. 28th Southern Conservation Systems Conf., Amarillo, Texas. June 26–28, 2006, USDA-ARS Conservation and Production Research Laboratory Report No. 06-1, Bushland, TX.
3. Hossler K., S. Jagadamma, and M.K. Shukla. 2005. Dissolve organic matter transport through soil columns. Soil Science Society of America Annual Meeting in Salt Lake City Utah, November 06-09, 2005.
4. Shukla M.K. and R. Lal. 2005. Variability of Carbon Concentration in Aggregate Fractions in Reclaimed Minesoils- Soil Science Society of America Annual Meeting in Salt Lake City Utah, November 06-09.
5. Shukla M.K. and R. Lal. 2005. Variability of Soil Organic Carbon in two reclaimed sites in South Eastern Ohio. National Meeting of the American Society of Mining and Reclamation, Breckenridge CO, June 19-23, 2005. Published by ASMR, 3134 Montavesta Rd., Lexington, KY 40502.
6. Shukla M.K. and R. Lal. 2004. Spatial variability of SOC in age chronosequence of reclaimed minesoils. 68<sup>th</sup> Annual SSSA meeting in Seattle Washington, Oct. 31-Nov. 4.
7. Shukla M.K., R. Lal and S. Whatley. 2004. Transport of dissolved organic carbon through soil columns. 68<sup>th</sup> Annual SSSA meeting in Seattle Washington, Oct. 31-Nov. 4.

8. **Shukla** M.K. B. K. Slater, R. Lal and P. Cepuder. 2003. Fine scale variability of an Austrian soil. 67<sup>th</sup> Annual SSSA meeting in Denver, Colorado, Nov. 2-6.
9. **Shukla** M.K. R. Lal and M. Ebinger. 2003. Variability of soil structural and water transmission properties of reclaimed soils. 67<sup>th</sup> Annual SSSA meeting in Denver, Colorado, Nov. 2-6.
10. **Shukla** M.K., R. Lal, J. Underwood and M. Ebinger. 2003. Physical and hydrological properties of two Ohio mined soils twenty-five years after reclamation. National Meeting of the American Society of Mining and Reclamation, Billings, Montana. Published by ASMR, 3134 Montavesta Rd., Lexington, KY 40502.
11. **Shukla** M.K., R. Lal and M. Ebinger. 2003. Soil physical quality of reclaimed mine soil using FGD products. Second annual conference on Carbon Sequestration, developing and validating the technology base to reduce carbon intensity. May 5-8, Alexandrai, VA.
12. **Shukla** M.K., R. Lal and P. Unkefer. 2002. Land use and management impact on infiltration rates of soils. 66<sup>th</sup> Annual SSSA meeting in Indianapolis, Indiana, Nov 10-14.
13. Hudson R.J. and M.K. **Shukla**. 2001. Field scale nutrient leaching. Water quality SRI forum. University of Illinois, Urbana Champaign, March 1.
14. **Shukla** M.K., R.J. Hudson, and M. B. David. 2001. Macropore transport of solutes in tile drained soils of east central Illinois. ASAE paper no. 012148. 2001 ASAE Annual International Meeting. Sacramento, CA, July 29- Aug. 1.
15. **Shukla** M.K., R. Lal and P. Unkefer. 2002. Effect of water content on nonequilibrium transport parameters under saturated flow. 66<sup>th</sup> Annual SSSA meeting in Indianapolis, Indiana, Nov 10-14.
16. Klepsh S., W. Loiskandl, M.K. **Shukla** et al. 2000. Comparison and Evaluation of migration experiments with numerical models. XIII International Conference on Computational methods in Water Resources Canada, June 25-29, 2000.
17. **Shukla** M.K. and P. Cepuder. 1999. Influence of water content on transport parameters. European Geophysical Society. Hydrology and soil process (01) Inverse methods for identifying porous medium properties. 24<sup>th</sup> General assembly at The Hague 19-23 April.
18. Cepuder P., M. Tuller and M.K. **Shukla**, et al. 1997. Estimation of groundwater contamination by various land uses with the simulation model EPIC and GIS. 11<sup>th</sup> World Congress on Fertilization for Sustainable Plant Production and Soil Fertility. Gent Belgium vol II, p 451-465, CIEC & FAL, Germany.
19. Cepuder P., M.K. **Shukla**, et al. 1997. Optimizing soil fertility and plant nutrition to prevent groundwater pollution. 16<sup>th</sup> World Congress of Soil Science, Montpellier, France, 20-26 August 1998.
20. **Shukla** M.K. and B. Soni. 1996. Estimation of effect of Urbanization on hydrological parameters using a non linear distributed deterministic model. International conference on Urban Engineering in Asian Cities in 21st Century, November 20 - 23, 1996, Bangkok, Thailand, p F.30-F.37.
21. Jain S.K. and M.K. **Shukla**. 1994. Waterlogged hazard zonation using RS and GIS technique in a part of Sharda Sahayak command area. Proceedings International Seminar on Disasters, Environment and Development, Delhi Dec 9-12, 1994.

**22. Shukla** M.K. and S.K. Jain. 1994. Remote sensing technique for mapping waterlogged and salt affected areas for district Barabanki. Proceeding of Regional Workshop on Environmental Aspects of Ground water Development, Kurukshetra, Oct 17-19,1994, pp III (74-78).