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BRIEF

Dr. McInnes is Professor of Soil and Environmental Physics in the Department of Soil and Crop Sciences, Texas A&M University. His research focuses on water and energy transport in soil. He is a fellow of both the American Society of Agronomy and the Soil Science Society of America. Dr. McInnes co-teaches the undergraduate courses Water in Soil and Plants (SCSC 309) and Sports Field Construction (SCSC 417), and teaches the graduate course Environmental Physics (SCSC 611) at Texas A&M University. Dr. McInnes is a licensed Professional Geoscientist. Prior to being employed by Texas A&M University in 1988, Dr. McInnes was a Research Scientist with the Commonwealth Scientific and Industrial Research Organization in Australia. He received his Ph.D. in Agronomy from Kansas State University, and his B.S. and M.S. degrees in Agronomy and Soil Science, respectively, from Washington State University.

PROFESSIONAL PREPARATION

|                             |              |             |
|-----------------------------|--------------|-------------|
| Washington State University | Agronomy     | B.S., 1979  |
| Washington State University | Soil Science | M.S., 1981  |
| Kansas State University     | Agronomy     | Ph.D., 1985 |

APPOINTMENTS

|                 |  |
|-----------------|--|
| 2000 to present | Professor of Soil and Environmental Physics, Department of Soil and Crop Sciences, Texas A&M University, College Station, TX |
| 1994 to 2000    | Associate Professor, Texas A&M University, College Station, TX   |
| 1988 to 1994    | Assistant Professor, Texas A&M University, College Station, TX   |
| 1985 to 1988    | Research Scientist, CSIRO, Floreat Park, Australia   |

PROFESSIONAL RECOGNITION

Fellow of the Soil Science Society of America  
Fellow of the American Society of Agronomy  
Licensed Professional Geoscientist by the State of Texas, 2003 to present

RECENT PUBLICATIONS

Neely, H.L., C.L.S. Morgan, C.T. Hallmark, K.J. McInnes, C.C. Molling. 2016. Apparent electrical conductivity response to spatially variable vertisol properties. *Geoderma* 263:168-175.

- Neely, H.L., J.P. Ackerson, C.L.S. Morgan, K.J. McInnes. 2014. Instrumentation to measure soil subsidence and water content in a single borehole. *Soil Sci. Soc. Am. J.* 78:1251-1257.
- Ackerson, J.P., C.L.S. Morgan, M.E. Everett, K.J. McInnes. 2014. The role of water content in electrical resistivity tomography of a Vertisol. *Soil Sci. Soc. Am. J.* 78:1552-1562.
- Thomas J. C., B.G. Wherley, R.H. White, K.J. McInnes, C.H. Fontanier, J.A. Aitkenhead-Peterson, S.T. Kelly. 2014. Design and construction of an urban runoff research facility. *JoVE* 90:e51540.
- Tokumoto, I., J.L. Heilman, S. Schwinning, K.J. McInnes, M.E. Litvak, C.L.S. Morgan, R.H. Kamps. 2014. Small-scale variability in water storage in rocky soils and effects on tree transpiration. *Plant Soil* 385:193-204.
- Heilman, J.L., M.E. Litvak, K.J. McInnes, J. F. Kjølgaard, R.H. Kamps, S. Schwinning. 2014. Water-storage capacity controls energy partitioning and water use in karst ecosystems on the Edwards Plateau, Texas. *Ecohydrol.* 7:127-138.
- Tokumoto, I., J.L. Heilman, K.J. McInnes, C.L.S. Morgan. 2014. Hydraulic properties of rocky soils in a semi-arid savanna on the Edwards Plateau, TX. *J. Arid Land Studies* 24:77-80.
- McInnes, K.J., K. Rose-Harvey, J.T. Thomas. 2013. Comparison of putting greens constructed with airfield systems and USGA designs. *Turfgrass and Environmental Research Online (TERO)* 12:6-10.
- Dinka, T.M., C.L.S. Morgan, K.J. McInnes, A.S. Kishné, R.D. Harmel. 2013. Shrink–swell behavior of soil across a Vertisol catena. *J. Hydrology* 476:352-359.
- Tokumoto, I., J.L. Heilman, K.J. McInnes, C.L.S. Morgan, R.H. Kamps. 2012. Calibration and use of neutron moisture and gamma density probes in rocky soils. *Soil Sci. Soc. Am. J.* 76: 2136-2142.
- Rose-Harvey, K., K.J. McInnes, and J.T. Thomas. 2012. Water flow through sand-based root zones atop geotextiles. *HortScience* 47:1-5.
- McInnes, K.J., J.T. Thomas. 2012. Passive control of downslope capillary wicking of water in sand-based root zones. *HortScience* 47:275-279.
- Tokumoto, I., J.L. Heilman, K.J. McInnes, R.H. Kamps. 2011. Sealing neutron probe access-tubes in rocky soils using expandable polyurethane foam. *Soil Sci. Soc. Am. J.* 75:1922-1925.
- Goebel, T.S., K.J. McInnes, S.A. Senseman, R.J. Lascano, L.S. Marchand, T.A. Davis. 2011. Modifying polymer flocculants for the removal of inorganic phosphate from water. *Tetrahedron. Lett.* 52: 5241-5244.
- McInnes, K.J., J.T. Thomas. 2011. Water storage in putting greens constructed with United States Golf Association and Airfield Systems designs. *Crop Sci.* 51:1261-126