Decagon's soil moisture sensors have been used in thousands of publications. Here are a sample of those publications for your reference. We continue to add publications to this list. If you want a publication added to this list, please e-mail publications@decagon.com with the correct citation.

References

- [1] D. Spelman, K. Kinzli, and T. Kunberger. Calibration of the 10HS Soil Moisture Sensor for Southwest Florida Agricultural Soils. *Journal of Irrigation and Drainage Engineering*, June 2013.
- [2] T. Saito, H. Fujimaki, H. Yasuda, K. Inosako, and M. Inoue. Calibration of Temperature Effect on Dielectric Probes Using Time Series Field Data. *Vadose Zone Journal*, 12(2):0, May 2013.
- [3] C. Vaz, S. Jones, M. Meding, and M. Tuller. Evaluation of Standard Calibration Functions for Eight Electromagnetic Soil Moisture Sensors. *Vadose Zone Journal*, 12(2):0, May 2013.
- [4] C. Montzka, H. Bogena, L. Weihermuller, F. Jonard, C. Bouzinac, J. Kainulainen, J. Balling, A. Loew, J. dall'Amico, E. Rouhe, J. Vanderborght, and H. Vereecken. Brightness Temperature and Soil Moisture Validation at Different Scales During the SMOS Validation Campaign in the Rur and Erft Catchments, Germany. IEEE Transactions on Geoscience and Remote Sensing, 51(3):1728–1743, March 2013.
- [5] G. Kargas and K. Soulis. Performance Analysis and Calibration of a New Low-Cost Capacitance Soil Moisture Sensor. *Journal of Irrigation and Drainage Engineering*, 138(7):632–641, July 2012.
- [6] G. Ganjegunte, Z. Sheng, and J. Clark. Evaluating the accuracy of soil water sensors for irrigation scheduling to conserve freshwater. *Applied Water Science*, 2(2):119–125, June 2012.
- [7] L. Zhang, R. Zhang, and J. Guo. Calibration of Temperature and Salinity Effects on Soil Moisture Content Measurements with EC-5 Sensors. *Advanced Science Letters*, 11(1):374–379, May 2012.
- [8] K. Kinzil, N. Manana, and R. Oad. Comparison of Laboratory and Field Calibration of a Soil-Moisture Capacitance Probe for Various Soils. *Journal of Irrigation and Drainage Engineering*, 138(4):310–321, April 2012.
- [9] J. Varble and J. Chávez. Performance evaluation and calibration of soil water content and potential sensors for agricultural soils in eastern Colorado. *Agricultural Water Management*, 101(1):93–106, December 2011.
- [10] A. Fares, F. Abbas, D. Maria, and A. Mair. Improved Calibration Functions of Three Capacitance Probes for the Measurement of Soil Moisture in Tropical Soils. Sensors, 11:4858–4874, May 2011.
- [11] R. Zhang, J. Guo, L. Zhang, Y. Zhang, L. Wang, and Q. Wang. A calibration method of detecting soil water content based on the information-sharing in wireless sensor network. *Computers and Electronics in Agriculture*, 76(2):161–168, May 2011.
- [12] H. Mittelbach, F. Casini, I. Lehner, A. Teuling, and S. Seneviratne. Soil moisture monitoring for climate research: Evaluation of a low-cost sensor in the framework of the Swiss Soil Moisture Experiment (SwissSMEX) campaign. *Journal of Geophysical Research: Atmospheres*, 116(D5), March 2011.
- [13] T. Sakaki, A. Limsuwat, and T. Illangasekare. A Simple Method for Calibrating Dielectric Soil Moisture Sensors: Laboratory Validation in Sands. *Vadose Zone Journal*, 10(2):526, January 2011.
- [14] T. Saito, H. Fujimaki, H. Yasuda, and M. Inoue. Empirical Temperature Calibration of Capacitance Probes to Measure Soil Water. *Soil Science Society of America Journal*, 73(6):1931–1937, November 2009.
- [15] A. Fares, M. Safeeq, and D. M. Jenkins. Adjusting Temperature and Salinity Effects on Single Capacitance Sensors. *Pedosphere*, 19(5):588–596, October 2009.

- [16] F. Kizito, C. Campbell, G. Campbell, D. Cobos, B. Teare, B. Carter, and J. Hopmans. Frequency, electrical conductivity and temperature analysis of a low-cost capacitance soil moisture sensor. *Journal of Hydrology*, 352(3-4):367–378, May 2008.
- [17] T. Sakaki, A. Limsuwat, K. Smits, and T. Illangasekare. Empirical two-point α -mixing model for calibrating the ECH2O EC-5 soil moisture sensor in sands. Water Resources Research, 44(4):n/a-n/a, April 2008.
- [18] K. Nemali, F. Montesano, S. Dove, and M. van Iersel. Calibration and performance of moisture sensors in soilless substrates: ECH2O and Theta probes. *Scientia Horticulturae*, 112(2):227–234, March 2007.
- [19] J. L. Foley and E. Harris. Field calibration of ThetaProbe (ML2x) and ECHO probe (EC-20) soil water sensors in a Black Vertosol. *Australian Journal of Soil Research*, 45(3):233–236, January 2007.
- [20] N. Czarnomski, G. Moore, T. Pypker, J. Licata, and B. Bond. Precision and accuracy of three alternative instruments for measuring soil water content in two forest soils of the Pacific Northwest. *Canadian Journal of Forest Research*, 35(8):1867–1876, January 2005.