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van Groenigen, J. W., C. van Kessel, B. A. Hungate, O. Oenema, D. S. Powlson, K. J. van Groenigen. 2017. Sequestering Soil Organic Carbon: A Nitrogen Dilemma. *Environmental Science & Technology* 51 (9), 4738–4739.

Waldmann, F., W. Weinzierl, 2014. Organische Kohlenstoffvorräte der Boden Baden-Württembergs in Abhängigkeit von Bodentyp, Bodenart, Klima und Landnutzung. KLIMOPASS reports. State Institute for the Environment, Measurements and Nature Conservation of Baden-Württemberg (LUBW), Karlsruhe, Germany.

Walter, K., A. Don, B. Tiemeyer, A. Freibauer, 2016. Determining Soil Bulk Density for Carbon Stock Calculations: A Systematic Method Comparison. *Soil Science Society of America Journal* 80 (3), 579–591.

Wiesmeier, M., P. Spörlein, U. Geuß, E. Hangen, S. Haug, A. Reischl, B. Schilling, M. von Lützw, I. Kögel-Knabner, 2012. Soil organic carbon stocks in southeast Germany (Bavaria) as affected by land use, soil type and sampling depth. *Global Change Biology* 18, 2233–2245.

Wiesmeier, M., J. Prietzel, F. Barthold, P. Spörlein, U. Geuß, E. Hangen, A. Reischl, B. Schilling, M. von Lützw, I. Kögel-Knabner, 2013. Storage and drivers of organic carbon in forest soils of southeast Germany (Bavaria) - Implications for carbon sequestration *Forest Ecology and Management* 295, 162–172.

Wiesmeier, M., P. Schad, M. von Lützw, C. Poeplau, P. Spörlein, U. Geuß, E. Hangen, A. Reischl, B. Schilling, I. Kögel-Knabner, 2014. Quantification of functional soil organic carbon pools for major soil units and land uses in southeast Germany (Bavaria). *Agriculture, Ecosystems and Environment* 185, 208–220.

World Reference Base for Soil Resources 2014. *World Soil Resources Reports* 106, Food and Agriculture Organization of The United Nations.

Zomer, R. J., D. A. Bossio, R. Sommer, L. V. Verchot, 2017. Global Sequestration Potential of Increased Organic Carbon in Cropland Soils. *Scientific Reports* 7.

4p1000, 2017. “4 per 1000” Initiative: Carbon sequestration in soils for food security and the climate. URL: <http://www.4p1000.org>.