

## Publications of William F. Schillinger

### Books

Zobeck, T.M, and W.F. Schillinger (eds.). 2010. Soil and Water Conservation Advances in the United States. Soil Science Society of America Special Publication 60, Madison, WI. 301 pp.

### Book Chapters

Schillinger, W.F., R.H. McKenzie, and D.L. Tanaka. 2011. Barley production in North America. p. 241-251. *In* S.E. Ullrich (ed.) Barley: Improvement, Production, and Uses. Blackwell Publishing Ltd., Ames, Iowa.

Schillinger, W.F., R.I. Papendick, and D.K. McCool. 2010. Soil and water challenges for Pacific Northwest agriculture. p. 47-80. *In* T.M. Zobeck and W.F. Schillinger (eds.) Soil and Water Conservation Advances in the United States. Soil Science Society of America Special Publication 60, Madison, WI.

Pan, W., W. Schillinger, D. Huggins, R. Koenig, and J. Burns. 2007. Fifty years of predicting wheat nitrogen requirements in the Pacific Northwest USA. Chapter 10:1-6. *In* T. Bruulsema (Ed.) Managing Crop Nitrogen for Weather. International Plant Nutrition Institute, Norcross, GA.

Schillinger, W.F., R.I. Papendick, S.O. Guy, P.E. Rasmussen, and C. van Kessel. 2006. Dryland cropping in the western United States. p. 365-393. *In* G.A. Peterson, P.W. Unger, and W.A. Payne (eds.) Dryland Agriculture, 2<sup>nd</sup> ed. Agronomy Monograph no 23. ASA, CSSA, and SSSA, Madison, WI.

Kennedy, A.C., T.L. Stubbs, and W.F. Schillinger. 2004. Soil and crop management effects on soil microbiology. p. 295-326. *In* F. Magdoff and R.R. Weil (eds.) Soil Organic Matter in Sustainable Agriculture. CRC Press, Boca Raton, FL.

Stubbs, T.L., A.C. Kennedy, and W.F. Schillinger. 2004. Soil ecosystem changes during the transition to no-till cropping. p. 105-135. *In* D. Clements and A. Shrestha (eds.) New Dimensions in Agroecology. Hawthorn Press, New York, NY.

### Refereed Journal Articles

Hansen, J.C., W.F. Schillinger, T.S. Sullivan, and T.C. Paulitz. 2019. [Soil microbial biomass and fungi reduced with canola introduced into long-term monoculture wheat rotations.](#) *Frontiers in Microbiology* 10:1488.

Schillinger, W.F. 2019. Camelina: Long-term cropping systems research in a dry Mediterranean climate. *Field Crops Research* 235:87-94.

Schlatter, D., J.C. Hansen, W.F. Schillinger, T.S. Sullivan, and T.C. Paulitz. 2019. [Common and unique rhizosphere microbial communities of wheat and canola in a semiarid Mediterranean environment.](#) *Applied Soil Ecology* 144:170-181.

Schlatter, D.C., N.C. Paul, D.H. Shah, W.F. Schillinger, A.I. Bary, B. Sharratt, and T.C. Paulitz. 2019. [Biosolids and tillage practices influence soil bacterial communities in dryland wheat.](#) *Microbial Ecology*. 78:737-752.

Wuest, S.B., and W.F. Schillinger. 2019. Soil water dynamics with spring camelina in a three-year rotation in Washington's winter wheat-fallow region. [Soil Science Society of America Journal](#) 83:1525-1532.

- Hansen, J.C., W.F. Schillinger, T.S. Sullivan, and T.C. Paulitz. 2018. [Rhizosphere microbial communities of canola and wheat at six paired field sites](#). *Applied Soil Ecology* 130:185-193.
- Pi, H., B. Sharratt, W.F. Schillinger, A. Bary, and C. Cogger. 2018. Chemical composition of windblown dust emitted from agricultural soils amended with biosolids. *Aeolian Research* 32:102-115.
- Pi, H., B. Sharratt, W.F. Schillinger, A.I. Bary, and C.G. Cogger. 2018. [Wind erosion potential of a winter wheat-summer fallow rotation after land application of biosolids](#). *Aeolian Research* 32:53-59.
- Schillinger, W.F., and T.C. Paulitz. 2018. Canola versus wheat rotation effects on subsequent wheat yield. *Field Crops Research* 223:26-32.
- Schlatter, D.C., W.F. Schillinger, A.I. Bary, B. Sharratt, and T.C. Paulitz. 2018. Dust-associated microbiomes from dryland wheat fields differ with tillage practice and biosolids application. *Atmospheric Environment* 185:29-40.
- Sharratt, B.S., A.C. Kennedy, J.C. Hansen, and W.F. Schillinger. 2018. Soil carbon loss by wind erosion of summer fallow fields in Washington's dryland wheat region. *Soil Sci. Soc. Am. J.* 82:1551-1558.
- Sharratt, B., and W.F. Schillinger. 2018. Soil properties influenced by summer fallow management in the Horse Heaven Hills of south central Washington. *Journal of Soil and Water Conservation* 73:452-460.
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- Kennedy, A.C., and W.F. Schillinger. 2006. Soil quality and water intake in traditional-till vs. no-till paired farms in Washington's Palouse region. *Soil Science Society of America Journal* 70:940-949.

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- Schillinger, W.F., R.J. Cook, and R.I. Papendick. 1999. Increased cropping intensity for dryland with no-till barley. *Agronomy Journal* 91:744-752.
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### **Other Publications**

University extension bulletins – 36

Conference proceedings papers – 33+

Abstracts for professional meetings – 70+

Popular publications – 60+