REGENERATIVE ANNUAL CROPPING
REFERENCES

Altieri, Miguel A, and Clara Nicholls. 2012. “The Scaling up of Agroecology : Spreading the Hope for Food Sovereignty and Resiliency. A Contribution to Discussions at Rio + 20 on Issues at the Interface of Hunger , Agriculture , Environment and Social.” In *Rio +20*.

Badgley, Catherine, Jeremy Moghtader, Eileen Quintero, Emily Zakem, M. Jahi Chappell, Katia Avilés-Vázquez, Andrea Samulon, and Ivette Perfecto. 2007. “Organic Agriculture and the Global Food Supply.” *Renewable Agriculture and Food Systems* 22 (2): 86–108. https://doi.org/10.1017/S1742170507001640.

Biala, Johannes. 2011. “Short Report : The Benefits of Using Compost for Mitigating Climate Change.” New South Wales Dept. Environment, Climate Change and Water. http://www.epa.nsw.gov.au/resources/waste/110171-compost-climate-change.pdf.

Bunch, Roland. 2012. *Restoring the Soil. A Guide for Using Green Manure/ Cover Crops to Improve the Food Security of Smallholder Farms.* Canadian Foodgrains Bank. https://doi.org/10.1016/j.jtcvs.2018.04.032.

Butler, D.M., G.E. Bates, and S.E. Eichler Inwood. 2016. “Tillage System and Cover Crop Management Impacts on Soil Quality and Vegetable Crop Performance in Organically Managed Production in Tennessee.” *HortScience* 51 (8). http://hortsci.ashspublications.org/content/51/8/1038.short.

Clark, Andy. 2008. *Managing Cover Crops Profitably (3rd Ed.)*. DIANE Publishing.

CTIC. 2017. “Report of the 2016-17 National Cover Crop Survey.” September. West Lafeyette, Indiana. https://doi.org/10.3929/ethz-a-007116300.

Farooq, Muhammad, and Kadambot H. M. Siddique. 2014. *Conservation Agriculture*. Springer.

Finney, Denise M., Ebony G. Murrell, Charles M. White, Barbara Baraibar, Mary E. Barbercheck, Brosi A. Bradley, Sarah Cornelisse, et al. 2017. “Ecosystem Services and Disservices Are Bundled in Simple and Diverse Cover Cropping Systems.” *Agriculture & Environmental Letters* 2 (1): 0. https://doi.org/10.2134/ael2017.09.0033.

Food and Agriculture Organization of the United Nations. 2015. “Organic Agriculture: What Is Organic Agriculture?” 2015. http://www.fao.org/organicag/oa-faq/oa-faq1/en/.

Freibauer, Annette, Mark D. A Rounsevell, Pete Smith, and Jan Verhagen. 2004. “Carbon Sequestration in the Agricultural Soils of Europe.” *Geoderma* 122 (1): 1–23. https://doi.org/10.1016/j.geoderma.2004.01.021.

Garrity, Dennis Philip, Festus K. Akinnifesi, Oluyede C. Ajayi, Sileshi G. Weldesemayat, Jeremias G. Mowo, Antoine Kalinganire, Mahamane Larwanou, and Jules Bayala. 2010. “Evergreen Agriculture: A Robust Approach to Sustainable Food Security in Africa.” *Food Security* 2 (3): 197–214. https://doi.org/10.1007/s12571-010-0070-7.

Gliessman, Stephen R. 2014. *Agroecology : The Ecology of Sustainable Food Systems, Third Edition*. CRC Press. https://doi.org/10.1201/b17881.

Griscom, Bronson W., Justin Adams, Peter W. Ellis, Richard A. Houghton, Guy Lomax, Daniela A. Miteva, William H. Schlesinger, et al. 2017. “Natural Climate Solutions.” *Proceedings of the National Academy of Sciences* 114 (44): 11645–50. https://doi.org/10.1073/pnas.1710465114.

Harvey, Celia A., Mario Chacon, Camila I. Donatti, Eva Garen, Lee Hannah, Angela Andrade, Lucio Bede, et al. 2014. “Climate-Smart Landscapes- Opportunities and Challenges for Integrating Adaptation and Mitigation in Tropical Agriculture.” *Conservation Letters* 7 (2): 77–90.

IFOAM, Organics International. 2016. “About Us | IFOAM.” 2016. https://www.ifoam.bio/en/about-us.

IPCC. 2000. *Land Use, Land-Use Change, and Forestry: Summary for Policymakers : A Special Report of the Intergovernmental Panel on Climate Change*. Geneva: WMO (World Meteorological Organization) : UNEP (United Nations Environment Programme).

———. 2014. *Climate Change 2014 Mitigation of Climate Change: Working Group III Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge: Cambridge University Press. https://doi.org/10.1017/CBO9781107415416.

Kaye, Jason P., and Miguel Quemada. 2017. “Using Cover Crops to Mitigate and Adapt to Climate Change. A Review.” *Agronomy for Sustainable Development* 37 (1). https://doi.org/10.1007/s13593-016-0410-x.

Khorramdel, Surur, Alireza Koocheki, Mehdi Nassiri Mahallati, Reza Khorasani, and Reza Ghorbani. 2013. “Evaluation of Carbon Sequestration Potential in Corn Fields with Different Management Systems.” *Soil and Tillage Research* 133 (October): 25–31. https://doi.org/10.1016/j.still.2013.04.008.

Lal, R. 2014. “Abating Climate Change and Feeding the World Through Soil Carbon Sequestration.” In *Soil as World Heritage*, edited by David Dent, 443–57. Dordrecht: Springer Netherlands. https://doi.org/10.1007/978-94-007-6187-2_47.

Lal, Rattan. 2010. “Managing Soils and Ecosystems for Mitigating Anthropogenic Carbon Emissions and Advancing Global Food Security.” *BioScience* 60 (9): 708–21. https://doi.org/10.1525/bio.2010.60.9.8.

Luske, Boki, and Joris Van Der Kamp. 2009. “Carbon Sequestration Potential of Reclaimed Desert Soils in Egypt.” Louis Bolk Instituut; Soil & More International. http://orgprints.org/16438/1/2192.pdf.

Mayer, Allegra, Zeke Hausfather, Andrew D. Jones, and Whendee L. Silver. 2018. “The Potential of Agricultural Land Management to Contribute to Lower Global Surface Temperatures.” *Science Advances* 4 (8): 1–9. https://doi.org/10.1126/sciadv.aaq0932.

Mohler, Charles L., and Sue Ellen Johnson, eds. 2009. *Crop Rotation on Organic Farms: A Planning Manual*. NRAES 177. Ithaca, NY: Natural Resource, Agriculture, and Engineering Service (NRAES) Cooperative Extension.

Montgomery, David R. 2017. *Growing a Revolution: Bringing Our Soil Back to Life*. W. W. Norton & Company.

Moyer, Jeff. 2011. “Organic No-Till Farming. Advancing No-Till Agriculture—Crops, Soil, Equipment.” *Acres, USA, Austin, TX. Patrick M. Carr North Dakota State University, Dickinson Research Extension Center* 1041.

Poeplau, Christopher, and Axel Don. 2015. “Carbon Sequestration in Agricultural Soils via Cultivation of Cover Crops–A Meta-Analysis.” *Agriculture, Ecosystems & Environment* 200: 33–41.

Ponisio, Lauren C., and Paul R. Ehrlich. 2016. “Diversification, Yield and a New Agricultural Revolution: Problems and Prospects.” *Sustainability (Switzerland)* 8 (11): 1–15. https://doi.org/10.3390/su8111118.

Ponisio, Lauren C., Leithen K M ’gonigle, Kevi C Mace, Jenny Palomino, Perry De Valpine, and Claire Kremen. 2015. “Diversification Practices Reduce Organic to Conventional Yield Gap.” *Proceedings of the Royal Society B: Biological Sciences* 282 (20141396). https://doi.org/10.1098/rspb.2014.1396.

Poulton, Paul, Johnny Johnston, Andy Macdonald, Rodger White, and David S. Powlson. 2018. “Major Limitations to Achieving ‘4 per 1000’ Increases in Soil Organic Carbon Stock in Temperate Regions: Evidence from Long-Term Experiments at Rothamsted Research, United Kingdom.” *Global Change Biology* 24 (6): 2563–2584. https://doi.org/10.1111/gcb.14066.

Powlson, David S., Clare M. Stirling, M. L. Jat, Bruno G. Gerard, Cheryl A. Palm, Pedro A. Sanchez, and Kenneth G. Cassman. 2014. “Limited Potential of No-till Agriculture for Climate Change Mitigation.” *Nature Climate Change* 4 (8): 678–683. https://doi.org/10.1038/nclimate2292.

Prestele, Reinhard, Annette L. Hirsch, Edouard L. Davin, Sonia I. Seneviratne, and Peter H. Verburg. 2018. “A Spatially Explicit Representation of Conservation Agriculture for Application in Global Change Studies.” *Global Change Biology* 24 (9): 4038–4053. https://doi.org/10.1111/gcb.14307.

Pretty, J. N., A. D. Noble, D. Bossio, J. Dixon, R. E. Hine, F. W. T. Penning de Vries, and J. I. L. Morison. 2006. “Resource-Conserving Agriculture Increases Yields in Developing Countries.” *Environmental Science & Technology* 40 (4): 1114–19. https://doi.org/10.1021/es051670d.

Regeneration International. 2016. “Why Regenerative Agriculture?” Regeneration International. 2016. https://regenerationinternational.org/why-regenerative-agriculture/.

Rusinamhodzi, Leonard, Marc Corbeels, Mark T. van Wijk, Mariana C. Rufino, Justice Nyamangara, and Kenneth E. Giller. 2011. “A Meta-Analysis of Long-Term Effects of Conservation Agriculture on Maize Grain Yield under Rain-Fed Conditions.” *Agronomy for Sustainable Development* 31 (4): 657. https://doi.org/10.1007/s13593-011-0040-2.

Schipanski, Meagan E., M Barbercheck, M R Douglas, D M Finney, K Haider, Jason P. Kaye, A R Kemanian, et al. 2014. “A Framework for Evaluating Ecosystem Services Provided by Cover Crops in Agroecosystems.” *Agricultural Systems* 125: 12–22. https://doi.org/10.1016/j.agsy.2013.11.004.

Seufert, Verena, Navin Ramankutty, and Jonathan A. Foley. 2012. “Comparing the Yields of Organic and Conventional Agriculture.” *Nature* 485 (7397): 229–232. https://doi.org/10.1038/nature11069.

Srinivasarao, Ch., Rattan Lal, Sumanta Kundu, and Pravin B Thakur. 2015. “Conservation Agriculture and Soil Carbon Sequestration.” In *Conservation Agriculture*, edited by Muhammad Farooq and Kadambot H. M. Siddique, 479–524. Cham: Springer International Publishing. http://link.springer.com/10.1007/978-3-319-11620-4_19.

The Rodale Institute. 2014. “Regenerative Organic Agriculture and Climate Change.” Emmaus, PA. http://rodaleinstitute.org/assets/WhitePaper.pdf.

Toensmeier, Eric. 2016. *The Carbon Farming Solution: A Global Toolkit of Perennial Crops and Regenerative Agriculture Practices for Climate Change Mitigation and Food Security*. Chelsea Green Publishing.

Tuomisto, H. L., I. D. Hodge, P. Riordan, and D. W. Macdonald. 2012. “Does Organic Farming Reduce Environmental Impacts? – A Meta-Analysis of European Research.” *Journal of Environmental Management* 112 (December): 309–20. https://doi.org/10.1016/j.jenvman.2012.08.018.

USDA. 2014. “Volume 1 - Geographic Area Series - Part 51.” 2012 United States Census of Agriculture. https://www.agcensus.usda.gov/Publications/2012/Full_Report/Volume_1,_Chapter_1_US/usv1.pdf.

———. 2018. “Summary Report: 2015 Natural Resources Inventory.” U.S. Natural Resources Conservation Service. https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcseprd1422028.pdf.

Willer, Helga, Julia Lernoud, and Laura Kemper. 2018. “The World of Organic Agriculture 2018: Summary,” 10.