

TREE PLANTATIONS (ON DEGRADED LAND) REFERENCES

Agyeman, V. K., Marfo, K. A., Kasanga, K. R., Danso, E., Asare, A. B., Yeboah, O. M., & Agyeman, F. (2003). Revising the taungya plantation system: new revenue-sharing proposals from Ghana. *Unasylva*, 54(1), 40–43.

Bonan, G. B. (2008). Forests and climate change: forcings, feedbacks, and the climate benefits of forests. *Science*, 320(5882), 1444–1449.

Bonner, M. T., Schmidt, S., & Shoo, L. P. (2013). A meta-analytical global comparison of aboveground biomass accumulation between tropical secondary forests and monoculture plantations. *Forest Ecology and Management*, 291, 73–86.

Boyd, E., & others. (2009). Governing the Clean Development Mechanism: global rhetoric versus local realities in carbon sequestration projects. *Environment and Planning, A*, 41(10), 2380.

Brockerhoff, E. G., Jactel, H., Parrotta, J. A., Quine, C. P., & Sayer, J. (2008). Plantation forests and biodiversity: oxymoron or opportunity? *Biodiversity and Conservation*, 17(5), 925–951.

Buongiorno, J., & Zhu, S. (2014). Assessing the impact of planted forests on the global forest economy. *New Zealand Journal of Forestry Science*, 44(Suppl 1), S2.
<https://doi.org/10.1186/1179-5395-44-S1-S2>

Cao, S. (2008). Why large-scale afforestation efforts in China have failed to solve the desertification problem. *Environmental Science & Technology*, 42(6), 1826–1831.

Chen, G.-S., Yang, Y.-S., Xie, J.-S., Guo, J.-F., Gao, R., & Qian, W. (2005). Conversion of a natural broad-leaved evergreen forest into pure plantation forests in a subtropical area: Effects on carbon storage. *Annals of Forest Science*, 62(7), 659–668.
<https://doi.org/10.1051/forest:2005073>

Chhatre, A., & Agrawal, A. (2009). Trade-offs and synergies between carbon storage and livelihood benefits from forest commons. *Proceedings of the National Academy of Sciences*, 106(42), 17667–17670. <https://doi.org/10.1073/pnas.0905308106>

Coomes, O. T., Grimard, F., Potvin, C., & Sima, P. (2008). The fate of the tropical forest: Carbon or cattle? *Ecological Economics*, 65(2), 207–212.

Cox, S., Crews, T., & Jackson, W. (2014). From genetics and breeding to agronomy and ecology. *Perennial Crops for Food Security: Proceedings of the FAO Expert Workshop*, 158–168. Retrieved from https://landinstitute.org/wp-content/uploads/2014/11/PF_FAO14_ch12.pdf

Cubbage, F., Mac Donagh, P., Sawinski Júnior, J., Rubilar, R., Donoso, P., Ferreira, A., ... Alvarez, J. (2007). Timber investment returns for selected plantations and native forests in South America and the Southern United States. *New Forests*, 33(3), 237–255. <https://doi.org/10.1007/s11056-006-9025-4>

Dale, V. H., Joyce, L. A., McNulty, S., Neilson, R. P., Ayres, M. P., Flannigan, M. D., ... others. (2001). Climate change and forest disturbances: climate change can affect forests by altering the frequency, intensity, duration, and timing of fire, drought, introduced species, insect and pathogen outbreaks, hurricanes, windstorms, ice storms, or landslides. *BioScience*, 51(9), 723–734.

Dunne, D. (2018). Mapped: Where ‘afforestation’ is taking place around the world. Retrieved from CarbonBrief - Clear on Climate website: <https://www.carbonbrief.org/mapped-where-afforestation-is-taking-place-around-the-world?>

Evans, J. (Ed.). (2009). *Planted forests: uses, impacts, and sustainability*. Wallingford, UK ; Cambridge, MA: Published jointly by Food and Agriculture Organization of the United Nations and Cabi Pub.

FAO. (2010). *Global forest resources assessment 2015: How are the world’s forests changing?* Food and Agriculture Organization of the United Nations.

FAO. (2016). Global Forest Resources Assessment 2015. How are the World’s Forests Changing? (Second edition) - a-i4793e.pdf. Retrieved October 26, 2016, from <http://www.fao.org/3/a-i4793e.pdf>

Farley, K. A. (2010). Pathways to forest transition: Local case studies from the Ecuadorian Andes. *Journal of Latin American Geography*, 9(2), 7–26.

Farley, K. A., Piñeiro, G., Palmer, S. M., Jobbágy, E. G., & Jackson, R. B. (2008). Stream acidification and base cation losses with grassland afforestation. *Water Resources Research*, 44(7). Retrieved from <http://onlinelibrary.wiley.com/doi/10.1029/2007WR006659/full>

Gibbs, H. K., Brown, S., Niles, J. O., & Foley, J. A. (2007). Monitoring and estimating tropical forest carbon stocks: making REDD a reality. *Environmental Research Letters*, 2(4), 045023.

Huang, L., Liu, J., Shao, Q., & Xu, X. (2012). Carbon sequestration by forestation across China: past, present, and future. *Renewable and Sustainable Energy Reviews*, 16(2), 1291–1299.

Jackson, R. B., Jobbágy, E. G., Avissar, R., Roy, S. B., Barrett, D. J., Cook, C. W., ... Murray, B. C. (2005). Trading water for carbon with biological carbon sequestration. *Science*, *310*(5756), 1944–1947.

Jacobson, Michael G., Greene, John L., Straka, Thomas J., Daniels, Steven E., & Kilgore, Michael A. (2009). Influence and Effectiveness of Financial Incentive Programs in Promoting Sustainable Forestry in the South. *Southern Journal of Applied Forestry*, *33*(1), 35–41.

Jobbágy, E. G., & Jackson, R. B. (2004). Groundwater use and salinization with grassland afforestation. *Global Change Biology*, *10*(8), 1299–1312.

Kreidenweis, U., Humpenöder, F., Stevanović, M., Bodirsky, B. L., Kriegler, E., Lotze-Campen, H., & Popp, A. (2016). Afforestation to mitigate climate change: impacts on food prices under consideration of albedo effects. *Environmental Research Letters*, *11*(8), 085001. <https://doi.org/10.1088/1748-9326/11/8/085001>

Lal, R., Smith, P., Jungkunst, H. F., Mitsch, W. J., Lehmann, J., Nair, P. K. R., ... Ravindranath, N. H. (2018). The carbon sequestration potential of terrestrial ecosystems. *Journal of Soil and Water Conservation*, *73*(6), 145A-152A. <https://doi.org/10.2489/jswc.73.6.145A>

Lamb, D., Erskine, P. D., & Parrotta, J. A. (2005). Restoration of Degraded Tropical Forest Landscapes. *Science*, *310*(5754), 1628–1632. <https://doi.org/10.1126/science.1111773>

Lambin, E. F., & Meyfroidt, P. (2011). Global land use change, economic globalization, and the looming land scarcity. *Proceedings of the National Academy of Sciences*, *108*(9), 3465–3472.

Liao, C., Luo, Y., Fang, C., & Li, B. (2010). Ecosystem Carbon Stock Influenced by Plantation Practice: Implications for Planting Forests as a Measure of Climate Change Mitigation. *PLoS ONE*, *5*(5), e10867. <https://doi.org/10.1371/journal.pone.0010867>

Luyssaert, S., Schulze, E.-D., Börner, A., Knohl, A., Hessenmöller, D., Law, B. E., ... Grace, J. (2008). Old-growth forests as global carbon sinks. *Nature*, *455*(7210), 213–215. <https://doi.org/10.1038/nature07276>

Martin, P. A., Newton, A. C., & Bullock, J. M. (2013). Carbon pools recover more quickly than plant biodiversity in tropical secondary forests. *Proc. R. Soc. B*, *280*(1773), 20132236. <https://doi.org/10.1098/rspb.2013.2236>

McGrath, J. M., & Lobell, D. B. (2013). Regional disparities in the CO₂ fertilization effect and implications for crop yields. *Environmental Research Letters*, *8*(1), 014054.

Mengak, M. (2009). Growing Loblolly Pine With Wildlife Food Plots, Hunting Lease Assumptions And Liability Issues. Retrieved October 31, 2016, from [http://www2.hcmuaf.edu.vn/data/nmduc/2008_forest%20proceedings\(1\).pdf](http://www2.hcmuaf.edu.vn/data/nmduc/2008_forest%20proceedings(1).pdf)

Netz, B., Davidson, O., Bosch, P., Dave, R., Meyer, L., & others. (2007). Climate change 2007: Mitigation. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Summary for Policymakers. *Climate Change 2007: Mitigation. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change. Summary for Policymakers.*

Nosetto, M. D., Jobbágy, E. G., & Paruelo, J. M. (2006). Carbon sequestration in semi-arid rangelands: comparison of *Pinus ponderosa* plantations and grazing exclusion in NW Patagonia. *Journal of Arid Environments*, 67(1), 142–156.

Oren, R., Ellsworth, D. S., Johnsen, K. H., Phillips, N., Ewers, B. E., Maier, C., ... others. (2001). Soil fertility limits carbon sequestration by forest ecosystems in a CO₂-enriched atmosphere. *Nature*, 411(6836), 469–472.

Paquette, A., & Messier, C. (2009). The role of plantations in managing the world's forests in the Anthropocene. *Frontiers in Ecology and the Environment*, 8(1), 27–34.

Ravindranath, N. H., Somashekhar, B. S., & Murthy, I. K. (2008). Forest conservation, afforestation and reforestation in India: implications for forest carbon stocks. *Current Science*, 95(2), 216–222.

Rudel, T. K. (2009). Tree farms: driving forces and regional patterns in the global expansion of forest plantations. *Land Use Policy*, 26(3), 545–550.

Schirmer, J., & Bull, L. (2014). Assessing the likelihood of widespread landholder adoption of afforestation and reforestation projects. *Global Environmental Change*, 24, 306–320.

Schneider, T., Pohnan, E., & others. (2012). Assessing Rainforestation: the social and ecological effects of smallholder-based native species reforestation in the Philippines. *Tropical Resources: Bulletin of the Yale Tropical Resources Institute*, 31, 78–85.

Smith, P. (2014). *Climate Change 2014 Mitigation of Climate Change: Working Group III Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*. <https://doi.org/10.1017/CBO9781107415416>

Sohngen, B., & Mendelsohn, R. (2003). An optimal control model of forest carbon sequestration. *American Journal of Agricultural Economics*, 85(2), 448–457.

Thomas, S., Dargusch, P., Harrison, S., & Herbohn, J. (2010). Why are there so few afforestation and reforestation Clean Development Mechanism projects? *Land Use Policy*, 27(3), 880–887.

Thornley, J. H. M., & Cannell, M. G. R. (2000). Managing forests for wood yield and carbon storage: a theoretical study. *Tree Physiology*, 20(7), 477–484. <https://doi.org/10.1093/treephys/20.7.477>

Uchida, E., Xu, J., & Rozelle, S. (2005). Grain for Green: Cost-Effectiveness and Sustainability of China's Conservation Set-Aside Program. *Land Economics*, 81(2), 247–264.
<https://doi.org/10.3368/le.81.2.247>

van Minnen, J. G., Strengers, B. J., Eickhout, B., Swart, R. J., & Leemans, R. (2008). Quantifying the effectiveness of climate change mitigation through forest plantations and carbon sequestration with an integrated land-use model. *Carbon Balance and Management*, 3(3), 1–20.

Zomer, R. J., Trabucco, A., Coe, R., & Place, F. (2009). *Trees on Farm: Analysis of Global Extent and Geographic Patterns of Agroforestry* (No. ICRAF Working Paper no. 89). Retrieved from World Agroforestry Centre website:
http://www.worldagroforestry.org/sites/default/files/WP89_text_only.pdf