

Bibliography for “Forest Management during Climate Change”

Webcast, 11 February 2009

<http://nrs.fs.fed.us/carbon/webcasts/>

- Birdsey, R.A. 1996. Regional Estimates of Timber Volume and Forest Carbon for Fully Stocked Timberland, Average Management After Final Clearcut Harvest *in* Forests and Global Change, vol. 2, Forest Management Opportunities for Mitigating Carbon Emissions, Sampson, R.N., and D. Hair (eds.). American Forests, Washington, D.C.
- Birdsey, R.A., R. Alig, and D. Adams. 2000. Mitigation activities in the forest sector to reduce emissions and enhance sinks of greenhouse gases. P. 79-88 *in* The impact of climate change on America's forests: a technical document supporting the 2000 USDA Forest Service RPA Assessment, Joyce, L.A., and R.A. Birdsey (eds.). U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station., Fort Collins, CO.
- Congressional Budget Office (CBO). 2007. The Potential for Carbon Sequestration in the United States. <http://www.cbo.gov/ftpdocs/86xx/doc8624/09-12-CarbonSequestration.pdf>
- Dale, V.H., L.A. Joyce, S. McNulty, R.P. Neilson, M.P. Ayres, M.D. Flannigan, P.J. Hanson, L.C. Irland, A.E. Lugo, C.J. Peterson, D. Simberloff, F.J. Swanson, B.J. Stocks, and B.M. Wotton. 2001. Climate change and forest disturbances. *Bioscience* 51(9):723-734.
- Finkral, A.J., and A.M. Evans. 2008. Effects of a thinning treatment on carbon stocks in a northern Arizona ponderosa pine forest. *Forest Ecology and Management* 255(7):2743-2750.
- Hennigar, C.R., D.A. MacLean, and L.J. Amos-Binks. 2008. A novel approach to optimize management strategies for carbon stored in both forests and wood products. *Forest Ecology and Management* 256(4):786-797.
- Iverson, L.R., A.M. Prasad, S.N. Matthews, and M. Peters. 2008. Estimating potential habitat for 134 eastern US tree species under six climate scenarios. *Forest Ecology and Management* 254(3):390-406.
- Keeton, W.S. 2006. Managing for late-successional/old-growth characteristics in northern hardwood-conifer forests. *Forest Ecology and Management* 235(1-3):129-142.
- King, A.W., L. Dilling, G.P. Zimmerman, D.M. Fairman, R.A. Houghton, G. Marland, A.Z. Rose, and T.J. Wilbanks (eds.). 2007. The First State of the Carbon Cycle Report (SOCCR): The North American Carbon Budget and Implications for the Global Carbon Cycle. US Climate Change Science Program (CCSP). 242 p.
<http://www.climate-science.gov/Library/sap/sap2-2/final-report/default.htm>
- Liski, J., A. Pussinen, K. Pingoud, R. MskipSs, and T. Karjalainen. 2001. Which rotation length is favourable to carbon sequestration? *Canadian Journal of Forest Research* 31(11):2004-2013.
- Luyssaert, S., E.D. Schulze, A. Börner, A. Knohl, D. Hessenmoller, B.E. Law, P. Ciais, and J. Grace. 2008. Old-growth forests as global carbon sinks. *Nature* 455(7210):213-215.
- Malmsheimer, R.W., P. Heffernan, S. Brink, D. Crandall, F. Deneke, C. Galik, E. Gee, J.A. Helms, N. McClure, M. Mortimer, S. Ruddell, M. Smith, and J. Stewart. 2008. Forest management solutions for mitigating climate change in the United States. *Journal of Forestry* 106(3):115-117. http://www.safnet.org/jof_cctf.pdf
- Markewitz, D. 2006. Fossil fuel carbon emissions from silviculture: Impacts on net carbon sequestration in forests. *Forest Ecology and Management* 236(2-3):153-161.
- Millar, C.I., N.L. Stephenson, and S.L. Stephens. 2007. Climate change and forests of the future: Managing in the face of uncertainty. *Ecological Applications* 17(8):2145-2151.
- Millar, C.I., N.L. Stephenson, and S.L. Stephens. 2008. Re-Framing Forest and Resource Management Strategies for a Climate Change Context. P. 8.
http://www.fs.fed.us/ccrc/mgmt_options/

- Perez-Garcia, J., B. Lippke, J. Cornick, and C. Manriquez. 2005. An assessment of carbon pools, storage, and wood products market substitution using life-cycle analysis results. *Wood and Fiber Science* 37:140-148. <http://www.corrim.org/reports/2005/swst/140.pdf>
- Schulze, D.E., C. Wirth, and M. Heimann. 2000. Climate change. *Managing forests after Kyoto. Science* 289(5487):2058-2059.
- Skog, K.E., and G.A. Nicholson. 2000. Carbon Sequestration in Wood and Paper Products. P. p. 79-88 in *The impact of climate change on America's forests: a technical document supporting the 2000 USDA Forest Service RPA Assessment*, Joyce, L.A., and R.A. Birdsey (eds.). U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station., Fort Collins, CO. <http://www.treesearch.fs.fed.us/pubs/21428>
- Smith, J.E., L.S. Heath, K.E. Skog, and R.A. Birdsey. 2006. Methods for calculating forest ecosystem and harvested carbon, with standard estimates for forest types of the United States. U.S. Department of Agriculture, Forest Service, Northeastern Research Station. 216 p. <http://www.nrs.fs.fed.us/pubs/8192>
- Spittlehouse, D.L. 2005. Integrating climate change adaptation into forest management. *Forestry Chronicle* 81(5):691-695.
- Spittlehouse, D.L., and R.B. Stewart. 2003. Adaptation to climate change in forest management. *BC Journal of Ecosystems and Management* 4(1).
- Stern, N.H. 2006. Stern Review Report on the Economics of Climate Change. http://www.hm-treasury.gov.uk/sternreview_index.htm
- Union of Concerned Scientists (UCS). 2007. Biofuels: An Important Part of a Low-Carbon Diet. http://www.ucsusa.org/clean_vehicles/technologies_and_fuels/biofuels/biofuels-an-important-part.html
- US Environmental Protection Agency (EPA). 2005. Greenhouse Gas Mitigation Potential in U.S. Forestry and Agriculture. 154. http://www.epa.gov/sequestration/greenhouse_gas.html
- US Environmental Protection Agency (EPA). 2007. Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990 – 2005. <http://epa.gov/climatechange/emissions/usinventoryreport.html>
- Wilson, J.B. 2006. Using Wood Products to Reduce Global Warming. in *Forests, Carbon, and Climate Change: A synthesis of science findings*. Oregon Forest Resources Institute. <http://www.oregonforests.org/media/pdf/CarbonRptFinal.pdf>