

## **Additional File 1: References for search comprehensiveness**

**[1-20]**

1. Abbot JIO, Homewood K: **A history of change: causes of miombo woodland decline in a protected area in Malawi.** *Journal of Applied Ecology* 1999, **36**:422-433.
2. Barbosa PM, Stroppiana D, Grégoire JM, Pereira JMC: **An assessment of vegetation fire in Africa (1981-1991): burned areas, burned biomass, and atmospheric emissions.** *Global Biogeochemical Cycles* 1999, **13**:933-950.
3. Campbell B, Frost P, Goebel A, Standa-Gunda W, Mukamuri B, Veeman M: **A conceptual model of woodland use and change in Zimbabwe.** *Forests Trees and Livelihoods* 2000, **10**:347-366.
4. Chidumayo EN: **Changes in miombo woodland structure under different land tenure and use systems in central Zambia.** *Journal of Biogeography* 2002, **29**:1619-1626.
5. Chidumayo EN: **Development of *Brachystegia-Julbernardia* woodland after clear-felling in central Zambia: evidence for high resilience.** *Applied Vegetation Science* 2004, **7**:237-242.
6. Chidumayo EN: **Forest degradation and recovery in a miombo woodland landscape in Zambia: 22 years of observations on permanent sample plots.** *Forest Ecology and Management* 2013, **291**:154-161.
7. Fisher M, Shively GE: **Agricultural subsidies and forest pressure in Malawi's miombo woodlands.** *Journal of Agricultural and Resource Economics* 2007, **32**:349-362.

8. Furley PA, Rees RM, Ryan CM, Saiz G: **Savanna burning and the assessment of long-term fire experiments with particular reference to Zimbabwe.** *Progress in Physical Geography* 2008, **32**:611-634.
9. Gambiza J, Bond W, Frost PGH, Higgins S: **A simulation model of miombo woodland dynamics under different management regimes.** *Ecological Economics* 2000, **33**:353-368.
10. Grogan K, Birch-Thomsen T, Lyimo J: **Transition of shifting cultivation and its impact on people's livelihoods in the miombo woodlands of northern Zambia and south-western Tanzania.** *Human Ecology* 2013, **41**:77-92.
11. Grundy IM: **Wood biomass estimation in dry miombo woodland in Zimbabwe.** *Forest Ecology and Management* 1995, **72**:109-117.
12. Jansen LJM, Bagnoli M, Focacci M: **Analysis of land-cover/use change dynamics in Manica Province in Mozambique in a period of transition (1990-2004).** *Forest Ecology and Management* 2008, **254**:308-326.
13. Luoga EJ, Witkowski ETF, Balkwill K: **Harvested and standing wood stocks in protected and communal miombo woodlands of eastern Tanzania.** *Forest Ecology and Management* 2002, **164**:15-30.
14. Mapaire IN, Campbell BM: **Changes in miombo woodland cover in and around Sengwa Wildlife Research Area, Zimbabwe, in relation to elephants and fire.** *African Journal of Ecology* 2002, **40**:212-219.
15. Ribeiro NS, Matos CN, Moura IR, Washington-Allen RA, Ribeiro AI: **Monitoring vegetation dynamics and carbon stock density in miombo woodlands.** *Carbon Balance and Management* 2013, **8**.

16. Ryan CM, Williams M, Grace J: **Above- and below ground carbon stocks in a miombo woodland landscape of Mozambique.** *Biotropica* 2011, **43**:423-432.
17. Shirima DD, Munishi PKT, Lewis SL, Burgess ND, Marshall AR, Balmford A, Swetnam RD, Zahabu EM: **Carbon storage, structure and composition of miombo woodlands in Tanzania's Eastern Arc Mountains.** *African Journal of Ecology* 2011, **49**:332-342.
18. Walker SM, Desanker PV: **The impact of land use on soil carbon in miombo woodlands of Malawi.** *Forest Ecology and Management* 2004, **203**:345-360.
19. Williams M, Ryan CM, Rees RM, Sambane E, Fernando J, Grace J: **Carbon sequestration and biodiversity of re-growing miombo woodlands in Mozambique.** *Forest Ecology and Management* 2008, **254**:145-155.
20. Woomer PL: **The impact of cultivation on carbon fluxes in woody savannas of Southern Africa.** *Water, Air, and Soil Pollution* 1993, **70**:403-412.