

Bibliography on Forest Resources & Ecology of Ethiopia

በኢትዮጵያ ሥነ ምህዳርና የደን ሃብት አስመልክቶ ዋቤ ጽሁፍ ቅንብር

1. Abebe, M.H., et al., *The role of area enclosures and fallow age in the restoration of plant diversity in northern Ethiopia*. African Journal of Ecology, 2006. **44**: p. 507-514.
2. Abulea, E., H.A. Snymanb, and G.N. Smitb, *Rangeland evaluation in the middle Awash valley of Ethiopia: I. Herbaceous vegetation cover*. Journal of Arid Environments, 2007. **70**: p. 253-271.
3. Aerts, R., et al., *Semi-forest coffee cultivation and the conservation of Ethiopian Afromontane rainforest fragments*. Forest Ecology and Management, 2011. **261**: p. 1034-1041.
4. Aerts, R., et al., *Restoring dry Afromontane forest using bird and nurse plant effects: Direct sowing of *Olea europaea* ssp. *cuspidata* seeds*. Forest Ecology and Management, 2006. **230**: p. 23-31.
5. Aerts, R., et al., *Restoration of Dry Afromontane Forest Using Pioneer Shrubs as Nurse-Plants for *Olea europaea* ssp. *cuspidata**. Restoration Ecology, 2007. **15**(1): p. 129-138.
6. Aerts, R., et al., *Ecosystem Thermal Buffer Capacity as an Indicator of the Restoration Status of Protected Areas in the Northern Ethiopian Highlands*. Restoration Ecology, 2004. **12**(4): p. 586-596.
7. Alem, S. and T. Woldemariam, *A comparative assessment on regeneration status of indigenous woody plants in *Eucalyptus grandis* plantation and adjacent natural forest* Journal of Forestry Research 2009. **20**: p. 31-36.
8. Angassa, A. and R.M.T. Baars, *Ecological condition of encroached and non-encroached rangelands in Borana, Ethiopia*. African Journal of Ecology, 2000. **38**: p. 321-328.
9. Angassa, A. and G. Oba, *Effects of management and time on mechanisms of bush encroachment in southern Ethiopia*. African Journal of Ecology, 2007. **46**: p. 186–196.
10. Araya, A., et al., *Test of AquaCrop model in simulating biomass and yield of water deficient and irrigated barley (*Hordeum vulgare*)*. agricultural Water Management, 2010. **97**: p. 1838-1846.
11. Araya, A., S.D. Keesstra, and L. Stroosnijderb, *A new agro-climatic classification for crop suitability zoning in northern semi-arid Ethiopia*

- Agricultural System, 2010. **150**: p. 1057-1064.
12. Araya, A. and L. Stroosnijder, *Effects of tied ridges and mulch on barley (*Hordeum vulgare*) rainwater use efficiency and production in Northern Ethiopia*. Agricultural Water Management, 2010. **97**: p. 841-847.
 13. Arndt, C., S. Robinson, and D. Willenbockel, *Ethiopia's growth prospects in a changing climate: A stochastic general equilibrium approach*. Global Environmental Change, 2011. **21**: p. 701-710.
 14. Asefa, T., et al., *An assessment of restoration of biodiversity in degraded high mountain grazing lands in Northern Ethiopia*. Land Degradation & Development, 2002. **14**(1): p. 25-38.
 15. Ashagrie, Y., W. Zech, and G. Guggenberger, *Transformation of a *Podocarpus falcatus* dominated natural forest into a monoculture *Eucalyptus globulus* plantation at Munesa, Ethiopia: Soil organic C, N, and S dynamics in primary particle and aggregate-size fractions* Agriculture Ecosystems & Environment 2005. **106**: p. 89-98.
 16. **Assefa, B.** and **G. Glatzel**, *Measuring Soil Fertility under *Hagenia abyssinica* (Bruce) J. F. Gmel by the Biotest Method*. International Journal of Agronomy, 2010. **2010**: p. 5.
 17. Astatke, A. and M.A.M. Saleem, *Effect of different cropping options on plant-available water of surface-drained Vertisols in the Ethiopian highlands* agricultural Water Management, 1998. **36**: p. 111-120.
 18. Astatke, A., M.A.M. Saleem, and A.E. Wakeel, *Soil water dynamics under cereal and forage legume mixtures on drained vertisols in the Ethiopian highlands*. agricultural Water Management, 1995. **27**: p. 17-24.
 19. Ayenew, T. and D. Legesse, *The changing face of the Ethiopian rift lakes and their environs: call of the time*. Lakes & Reservoirs: Research and Management, 2007. **12**: p. 149-165.
 20. Aynekulu, E., *Forest diversity in fragmented landscapes of northern Ethiopia and implications for conservation*, in *Mathematics and Natural Sciences Faculty*. 2011, Rheinische Friedrich-Wilhelms-Universität: Bonn. p. 142.
 21. Aynekulu, E., et al., *Dieback affects forest structure in a dry Afromontane forest in northern Ethiopia*. Journal of Arid Environments, 2011. **75**: p. 499-503.

22. Babulo, B., et al., *Household livelihood strategies and forest dependence in the highlands of Tigray, Northern Ethiopia*. Agricultural System, 2008. **98**: p. 147-155.
23. Babulo, B., et al., *The economic contribution of forest resource use to rural livelihoods in Tigray, Northern Ethiopia*. Forest Policy and Economics, 2009. **11**: p. 109-117.
24. Badege, B., *Deforestation and Land Degredation in the Ethiopian Highlands: A Strategy for Physical Recovery*. Northeast African Studies, 2001. **8**: p. 7-25.
25. Bayabil, H.K., et al., *Are runoff processes ecologically or topographically driven in the (sub) humid Ethiopian highlands? The case of the Maybar watershed*. Echohydrology, 2010. **3**: p. 457-466.
26. Bekalo, S. and C. Bangay, *Towards effective environmental education in Ethiopia: problems and prospects in responding to the environment—poverty challenge*. International Journal of Educational Development 2002. **22**: p. 35-46.
27. Bekele, S. and K. Tilahun, *Regulated deficit irrigation scheduling of onion in a semiarid region of Ethiopia*. Agricultural Water Management, 2007. **89**: p. 148-152.
28. Bekele, T., *Phytosociology and ecology of a humid Afromontane forest on the Central Plateau of Ethiopia*. Journal of Vegetation Science, 1994. **5**: p. 87-98.
29. Bekele, W. and L. Drake, *Soil and water conservation decision behavior of subsistence farmers in the Eastern Highlands of Ethiopia: a case study of the Hunde-Lafto area*. Ecological Economics, 2003. **46**: p. 437-451.
30. Berhe, D. and L. Negash, *Asexual propagation of Juniperus procera from Ethiopia: a contribution to the conservation of African Pencil cedar*. Forest Ecology and Management, 1998. **112**: p. 179-190.
31. Bewket, W., *Household level tree planting and its implications for environmental management in teh Northeastern highlands of Ethiopia: A case study in Chemoga Watershed, Blue Nile Basin*. Land Degradation & Development, 2003. **14**: p. 377-388.
32. Bewket, W. and D. Conway, *A note on the temporal and spatial variability of rainfall in the drought-prone Amhara region of Ethiopia*. International Journal of Climatology, 2007. **27**(11): p. 1467-1477.
33. Bewket, W. and G. Sterk, *Assessment of soil erosion in cultivated fields using a survey methodology for rills in the Chemoga watershed, Ethiopia*. Agriculture Ecosystems & Environment

2003. **97**: p. 81-93.
34. Bewket, W. and G. Sterk, *Dynamics in land cover and its effect on stream flow in the Chemoga watershed, Blue Nile basin, Ethiopia*. Hydrological Processes, 2005. **19**: p. 445-458.
 35. Beyene, F., *Exploring incentives for rangeland enclosures among pastoral and agropastoral households in eastern Ethiopia*. Global Environmental Change, 2009. **19**: p. 494-502.
 36. Beyene, F., *Locating the adverse effects of rangeland enclosure among herders in eastern Ethiopia*. Land Use Policy, 2010. **27**: p. 480-488.
 37. Bishaw, B. and Z. Asfaw, eds. *Hydrological and Related Aspects of Deforestation and Degradation of Woody Vegetation*. Water Resources Management In Ethiopia: Implications for the Nile Basin, ed. H. Kloos and W. Legesse. 2010, Cambria Press: New York. 155-182.
 38. Bobe, R., *The evolution of arid ecosystems in eastern Africa*. Journal of Arid Environments, 2006. **66**: p. 564-584.
 39. Bogale, A., et al., *Land ownership and conflicts over the use of resources: Implication for household vulnerability in eastern Ethiopia*. Ecological Economics, 2006. **58**: p. 134-145.
 40. Bojo, J., *The cost of land degradation in Sub-Saharan Africa*. Ecological Economics, 1996. **16**: p. 161-173.
 41. Borghesio, L., et al., *The present conservation status of Juniperus forests in the South Ethiopian Endemic Bird Area*. African Journal of Ecology, 2004. **42**: p. 137-143.
 42. Chaideftou, E., et al., *The herb layer restoration potential of the soil seed bank in an overgrazed oak forest*. Journal of Biological Research-Thessaloniki, 2011. **15**: p. 47-57.
 43. Comenetz, J. and C.e. Caviedes, *Climate variability, political crises, and historical population displacements in Ethiopia*. Environmental Hazards, 2002. **4**: p. 113–127.
 44. Conway, D., *The Climate and Hydrology of the Upper Blue Nile River*. The Geographical Journal, 2000. **166**(1): p. 49-62.
 45. Conway, D., E. Lisa, and F. Schipper, *Adaptation to climate change in Africa: Challenges and opportunities identified from Ethiopia*. Global Environmental Change, 2011. **21**: p. 227–237.

46. Conway, D., C. Mould, and W. Bewket, *Over one century rainfall and temperature observations in Addis Ababa, Ethiopia*. International Journal of Climatology, 2004. **24**: p. 77-91.
47. Couralet, C., et al., *Combining dendrochronology and matrix modelling in demographic studies: An evaluation for *Juniperus procera* in Ethiopia*. Forest Ecology and Management, 2005. **216**: p. 317-330.
48. Dalle, G., B.L. Maass, and J. Isselstein², *Encroachment of woody plants and its impact on pastoral livestock production in the Borana lowlands, southern Oromia, Ethiopia*. African Journal of Ecology, 2006. **44**: p. 237-246.
49. Demel, T., *Soil seed bank at an abandoned Afromontane arable site FEDDEs Repertorium*, 1998. **109**(1-2): p. 161-174.
50. Deressa, T.T., et al., *Determinants of farmers' choice of adaptation methods to climate change in the Nile Basin of Ethiopia*. Global Environmental Change, 2009. **19**: p. 248-255.
51. Descheemaeker, K., et al., *Humus Form Development during Forest Restoration in Exclosures of the Tigray Highlands, Northern Ethiopia*. Restoration Ecology, 2009. **17**(2).
52. Dessie, G. and P. Kinlund, *Khat expansion and forest decline in Wondo Genet, Ethiopia*. , Geografiska Annaler: Series B, Human Geography 2008. **90**(2): p. 187-203.
53. Dessie, G. and J. Kleman, *Pattern and Magnitude of Deforestation in the South Central Rift Valley Region of Ethiopia* Mountain Research and Development 2007. **27**(2): p. 162-168
54. Diro, G.T., E. Black, and D.I.F. Grimes, *Seasonal forecasting of Ethiopian spring rains*. Meteorological Applications, 2008. **15**: p. 73-83.
55. Dixon, A.B., *Wetland sustainability and the evolution of indigenous knowledge in Ethiopia*. The Geographical Journal, 2005. **171**(4): p. 306-323.
56. Embaye, K., *The Indigenous Bamboo Forests of Ethiopia: An Overview*. AMBIO: A Journal of the Human Environment, 2000. **29**(8): p. 518-521.
57. Embaye, K., et al., *Biomass and nutrient distribution in a highland bamboo forest in southwest Ethiopia: implications for management*. Forest Ecology and Management, 2005. **204**: p. 159-169.

58. Eriksson, I., D. Teketay, and A. Granstrom
Response of plant communities to fire in an Acacia woodland and a dry Afromontane forest, southern Ethiopia. Forest Ecology and Management, 2003. **177**: p. 39-50.
59. Eshete, A., et al., *Diversity and production of Ethiopian dry woodlands explained by climate- and soil-stress gradients.* Forest Ecology and Management, 2011. **261**: p. 1499-1509.
60. Eshete, G. and G.r. Stahl, *Functions for multi-phase assessment of biomass in acacia woodlands of the Rift Valley of Ethiopia.* Forest Ecology and Management, 1998. **105**: p. 79-90.
61. Eshete, G. and G. Stahl, *Tree rings as indicators of growth periodicity of acacias in the Rift Valley of Ethiopia.* Forest Ecology and Management, 1999. **116**: p. 107-117.
62. Eshetu, Z., *Natural ¹⁵N abundance in soils under young-growth forests in Ethiopia.* Forest Ecology and Management, 2004. **187**: p. 139-147.
63. Eshetu, Z. and P. Högberg, *Reconstruction of Forest Site History in Ethiopian Highlands Based on ¹³C Natural Abundance of Soils.* AMBIO: A Journal of the Human Environment, 2000. **29**(2): p. 83-89.
64. Fetene, M., *Intra- and inter-specific competition between seedlings of Acacia etbaica and a perennial grass (Hypparrhenia hirta).* Journal of Arid Environments, 2003. **55**: p. 441-451.
65. Foli, E., L.G. Vuerich, and W. Zerihun, *Evaluation of enviornmental degradation in northern Ethiopia using GIS to integrate vegetation, geomorphological, erosion and socioeconomic factors.* Agriculture Ecosystems & Environment 2002. **91**: p. 313-325.
66. Gadissa, T. and D. Chemed, *Effects of drip irrigation levels and planting methods on yield and yield components of green pepper (Capsicum annum, L.) in Bako, Ethiopia.* Agricultural Water Management, 2009. **96**: p. 1673-1678.
67. Gatzweiler, F.W., *Institutionalising Biodiversity Conservation – The Case of Ethiopian Coffee Forests.* *Conservation and Society*, 2005. **3**(1): p. 221-223.
68. Gatzweiler, F.W., *Institutionalising Biodiversity Conservation - The Case of Ethiopian Coffee Forests.* *Conservation and Society*, 2005. **3**(1): p. 201-223.

69. Gatzweiler, F.W., *Deforestation of Ethiopia's Afromontane rainforests Reasons for concern*. 2007, **Center for Developmental Research** Bonn. p. 8.
70. Gebregziabher, G., R.E. Namara, and S. Holden, *Poverty reduction with irrigation investment: An empirical case study from Tigray, Ethiopia*. *Agricultural Water Management*, 2009. **96**: p. 1837-1843.
71. Gebrekirstos, A., et al., *Adaptation of five co-occurring tree and shrub species to water stress and its implication in restoration of degraded lands*. *Forest Ecology and Management*, 2006. **229**: p. 259-267.
72. Gebremedhin, B., J. Pender, and G. Tesfay, *Collective action for grazing land management in crop–livestock mixed systems in the highlands of northern Ethiopia*. *Agricultural System*, 2004. **82**: p. 273-290.
73. Gidaya, M., Z. Asfawb, and Z. Woldub, *Ethnomedicinal study of plants used by Sheko ethnic group of Ethiopia*. *Journal of Ethnopharmacology*, 2010. **132**: p. 75-85.
74. Gindaba, J., A. Rozanov, and L. Negash, *Response of seedlings of two Eucalyptus and three deciduous tree species from Ethiopia to severe water stress*. *Forest Ecology and Management*, 2004. **201**: p. 119-129.
75. Girmay, G., et al., *Carbon stocks in Ethiopian soils in relation to land use and soil management*. *Land Degradation & Development*, 2008. **19**: p. 351-367.
76. Goba, G. and D.G. Kotile, *Assessment of Landscape level Degradation in Southern Ethiopia: pastoralists versus ecologists*. *Land Degradation & Development*, 2001. **12**(5): p. 461-475.
77. Gobeze, T., et al., *Participatory Forest Management and Its Impacts on Livelihoods and Forest Status: the Case of Bonga Forest in Ethiopia*. *International Forestry Review*, 2009. **11**(3): p. 346-358.
78. Goerner, A., E. Jolie, and R. Gloaguen, *Non-climatic growth of the saline Lake Beseka, Main Ethiopian Rift* *journal of Arid Environments*, 2009. **73**: p. 287-295.
79. Gole, T.W., et al., *Floristic composition and environmental factors characterizing coffee forests in southwest Ethiopia*. *Forest Ecology and Management*, 2008. **255**: p. 2138-2150.

80. Hanjra, M.A., T. Ferede, and D.G. Gutta, *Pathways to breaking the poverty trap in Ethiopia: Investments in agricultural water, education, and markets*. agricultural Water Management, 2009. **96**: p. 1596-1604.
81. Hanjra, M.A., T. Ferede, and D.G. Gutta, *Reducing poverty in sub-Saharan Africa through investments in water and other priorities*. agricultural Water Management, 2009. **96**: p. 1062-1070.
82. Hngsdijk, H., G.W. Meijerink, and M.E. Mosugu, *Modeling the effect of three soil and water conservation practices in Tigray, Ethiopia*. Agriculture Ecosystems & Environment, 2005. **105**: p. 29-40.
83. **Hundera, K.**, *Status of indigenous tree species regeneration under exotic plantations in Belete Forest, Southwest Ethiopia* **Ethiop. J. Deuc. & Sc.** , 2010. **5**(2): p. 19-28.
84. Hylander, K. and S. Nemomissa, *Complementary Roles of Home Gardens and Exotic Tree Plantations as Alternative Habitats for Plants of the Ethiopian Montane Rainforest*. Conservation Biology, 2008. **23**(2): p. 400-409.
85. Jagger, P. and J. Pender, *The role of trees for sustainable management of less-favored lands: the case of eucalyptus in Ethiopia*. Forest Policy and Economics, 2003. **5**: p. 83-95.
86. Johnny, I., *Ethiopia: Lessons from the Past to Guide Development for the Future*, in *The quarterly newsletter of Trees for the Future*. 2011: Spring 2011 Vol. , No. 1. p. 1-7.
87. Kamara, A.B., B. Swallow, and M. Kirk, *Policies, Interventions and Institutional Change in Pastoral Resource Management in Borana, Southern Ethiopia* Development Policy Review, 2004. **22**(4): p. 381-403.
88. Kassahun, A., H.A. Snyman, and G.N. Smit, *Impact of rangeland degradation on the pastoral production systems, livelihoods and perceptions of the Somali astoralists in Eastern Ethiopia*. Journal of Arid Environments, 2008. **72**: p. 265–1281.
89. Kassie, M., et al., *Are soil conservation technologies “win-win?” A case study of Anjeni in the north-western Ethiopian highlands*. Natural Research Forum, 2011. **35**: p. 89-99.
90. Kassie, M., et al., *The Economics of Sustainable Land Management Practices in the Ethiopian Highlands*. Journal of Agricultural Economicx, 2010. **61**(3): p. 605-627.

91. Kato, E., et al., *Soil and water conservation technologies: a buffer against production risk in the face of climate change? Insights from the Nile basin in Ethiopia*. Agricultural Economics, 2011. **1**(14): p. 1-12.
92. Kebede, B., *Land Tenure and Common Pool Resources in Rural Ethiopia: A Study Based on Fifteen Sites*. African Development Review, 2002. **14**(1): p. 16.
93. Kebede, M., et al., *Phylogeography and conservation genetics of a giant lobelia (*Lobelia giberroa*) in Ethiopian and Tropical East African mountains*. Molecular Ecology, 2007. **16**: p. 1233-1243.
94. Kidanu, S., T. Mamo, and L. Stroosnijder, *Eucalyptus–wheat interaction on Ethiopian Nitosols*. Agricultural System, 2004. **80**: p. 151-170.
95. Kloos, H., et al., *Social and Ecological Aspects of Resettlement and Villagization among the Konso of Southwestern Ethiopia*. Disasters, 1990. **14**(4): p. 309-321.
96. Kloos, H. and W. Legesse, eds. *Water Resources Management in Ethiopia: Implications for the Nile Basin*. 2010, Cambria Press: New York.
97. Kloos, H. and W. Legesse, eds. *Small-Scale Irrigation*. Water Resources Management In Ethiopia: Implications for the Nile Basin, ed. H. Kloos and W. Legesse. 2010, Cambria Press: New York. 103-122.
98. Kloos, H., W. Legesse, and A. Adugna, eds. *Water Resource Management in the Nile Basin*. Water Resources Management in Ethiopia: Implications for the Nile Basin, ed. H. Kloos and W. Legesse. 2010, Cambria Press: New York. 31-62.
99. Kloos, H., et al., eds. *Problems for Pastoralists in the Lowlands: River Basin Development in the Awash and Omo Valleys*. Water Resources Management In Ethiopia: Implications for the Nile Basin, ed. H. Kloos and W. Legesse. 2010, Cambria Press: New York. 253-285.
100. Kloos, H., Y.G. Michael, and A. Pankhrust, eds. *Water Resources Management In Ethiopia: Implications for the Nile Basin*. ed. H. Kloos and W. Legesse. 2010, Cambria Press: New York. 213-252.
101. Kruseman, G., R. Ruben, and G. Tesfay, *Diversity and development domains in the Ethiopian highlands*. Agricultural System, 2006. **88**: p. 75-91.
102. Kufa, T. and J. Burkhardt, *Variations in Leaf Water Potential in the Wild Ethiopian *Coffea arabica* Accessions under Contrasting Nursery Enviornments*

- Journal of agronomy, 2011. **10**(1): p. 1-11.
103. Legesse, W. and h. Kloos, eds. *Water Pollution from Industrial and Agricultural Sources. Water Resources Management In Ethiopia: Implications for the Nile Basin*, ed. H. Kloos and W. Legesse. 2010, Cambria Press: New York. 321-352.
 104. Lema, B. and M. Olsson, *Soil $d^{15}N$ and nutrients under exotic tree plantations in the southwestern Ethiopian highlands*. *Forest Ecology and Management*, 2006. **237**: p. 127-134.
 105. Lemenih, M., S. Feleke, and W. Tadesse, *Constraints to smallholders production of frankincense in Metema district, North-western Ethiopia*. *Journal of Arid Environments* (2007) 2007. **71** p. 393-403.
 106. Lemenih, M., T. Gidyelew, and D. Teketay, *Effects of canopy cover and understory enviornment of tree plantation on richness, density and size of colonizing woody species in southern Ethiopia* *Forest Ecology and Management*, 2004. **194**: p. 1-10.
 107. Lemenih, M., E. Karlun, and M. Olsson, *Soil organic matter dynamics after deforestation along a farm field chronosequence in southern highlands of Ethiopia*. *Agriculture Ecosystems & Environment* 2005. **109**: p. 9-19.
 108. Lemenih, M., M. Olsson, and E. Karltu, *Comparison of soil attributes under Cupressus lusitanica and Eucalyptus saligna established on abandoned farmlands with continuously cropped farmlands and natural forest in Ethiopia*. *Forest Ecology and Management*, 2004. **195**: p. 57-67.
 109. Lemenih, M. and D. Teketay, *Effect of prior land use on the recolonization of native woody species under plantation forests in the highlands of Ethiopia*. *Forest Ecology and Management*, 2005. **218**: p. 60-73.
 110. Lemenih, M., T. Abebe, and M. Olsso, *Gum and resin resources from some Acacia, Boswellia and Commiphora species and their economic contributions in Liban, south-east Ethiopia*. *Journal of Arid Environments*, 2003. **55**: p. 465-482.
 111. Lisanework, N. and A. Michelsen, *Litterfall and nutrient release by decomposition in three plantations compared with a natural forest in the Ethiopian highland*. *Forest Ecology and Management*, 1994. **65**(2-3): p. 149-164.

112. Liu, B.M., et al., *Overcoming limited information through participatory watershed management: Case study in Amhara, Ethiopia*. Physics and Chemistry of the Earth 2008. **33**: p. 13-21.
113. Lulekal, E., et al., *Plant Species Composition and Structure of the Mana Angetu Moist Montane Forest, South-Eastern Ethiopia*
Journal of East African Natural History 2008. **97**(2): p. 165-185.
114. Mamo, G., E. Sjaastad, and P. Vedeld, *Economic dependence on forest resources: A case from Dendi District, Ethiopia*. Forest Policy and Economics, 2007. **9**: p. 916-927.
115. Mamo, N., et al., *Variation in seed and germination characteristics among Juniperus procera populations in Ethiopia*. Forest Ecology and Management, 2006. **225**: p. 320-327.
116. McGuire, S.J. and L. Sperling, *Leveraging farmers' strategies for coping with stress: Seed aid in Ethiopia* Global Environmental Change, 2008. **18**: p. 679-688.
117. Mekuria, W. and E. Veldkamp, *Restoration of native vegetation following exclosure establishment on communal grazing lands in Tigray, Ethiopia*. Applied Vegetation Science, 2011. **II**: p. 1-13.
118. Mekuria, W., et al., *Effectiveness of exclosures to restore degraded soils as a result of overgrazing in Tigray, Ethiopia*. Journal of Arid Environments 2007. **69**: p. 270-284.
119. Mekuria, W., et al., *Economic valuation of land restoration: The case of exclosures established on communal grazing lands in Tigray, Ethiopia*. Land Degradation & Development, 2011. **22**(3): p. 334-344.
120. Mesheha, D.T., A. Tsunekawa, and M. Tsubo, *Continuing land degradation: Case-effect in Ethiopia's central Rift Valley*. Land Degradation & Development, 2010.
121. Meze-Hausken, E., A. Patt, and S. Fritz, *Reducing climate risk for micro-insurance providers in Africa: A case study of Ethiopia*. Global Environmental Change, 2009. **19**: p. 66-73.
122. Michelsen, A., *Growth improvement of Ethiopian acacias by addition of vesicular-arbuscular mycorrhizal fungi or roots of native plants to non-sterile nursery soil*. Forest Ecology and Management, 1993. **59**(3-4): p. 193-206.

123. Michelsen, A., N. Lisaneworkb, and Friisc, *Impacts of tree plantations in the Ethiopian highland on soil fertility, shoot and root growth, nutrient utilisation and mycorrhizal colonisation*. Forest Ecology and Management, 1993. **61**(3-4): p. 299-324.
124. Mideksa, T.K., *Economic and distributional impacts of climate change: The case of Ethiopia*. Global Environmental Change, 2010. **20**: p. 278-286.
125. Mintesinot, B., et al., *Examining traditional irrigation methods, irrigation scheduling and alternate furrows irrigation on vertisols in northern Ethiopia*. agricultural Water Management, 2004. **64**: p. 2004.
126. Moges, G., H. Hengsdijk, and H.C. Jansen, *Review and quantitative assessment of ex situ household rainwater harvesting systems in Ethiopia*. agricultural Water Management, 2011. **98**: p. 1215-1227.
127. Moges, S., et al., eds. *Flooding in Ethiopia: Recent History and the 2006 Flood*. Water Resources Management In Ethiopia: Implications for the Nile Basin, ed. H. Kloos and W. Legesse. 2010, Cambria Press: New York. 285-306.
128. Mohammed, A.S. and T. Bekele, *Forage production and plant diversity in two managed rangelands in the Main Ethiopian Rift* African Journal of Ecology, 2009. **48**: p. 13-20.
129. Muleta, D., F. Assefa, and S. Nemomissa, *Composition of coffee shade tree species and density of indigenous arbuscular mycorrhizal fungi (AMF) spores in Bonga natural coffee forest, southwestern Ethiopia*. Forest Ecology and Management, 2007. **241**: p. 145-154.
130. Mwendera, E.J., M.A.M. Saleem, and Z. Woldu, *Vegetation response to cattle grazing in the Ethiopian highlands*. Agriculture Ecosystems & Environment 1997. **64**: p. 43-51.
131. Nair, K.P.P., *Coffee*. The Agronomy and Economy of Important Tree Crops of the Developing World, 2010: p. 181-208.
132. Negash, L., *Successful vegetative propagation techniques for for the threatened African pencil cedar*. Forest Ecology and Management, 2002. **161**: p. 53-64.
133. Nyssen, J., et al., *Dynamics of soil erosion rates and controlling factors in the Northern Ethiopian Highlands –towards a sediment budget*. Earth Surface Processes and Landforms, 2008. **33**: p. 695-711.

134. Omiti, J.M., et al., *Monitoring changes in land-use practices following agrarian decollectivisation in Ethiopia*. Agriculture Ecosystems & Environment 1999. **72**: p. 111-118.
135. Pankrust, A., *Natural Resource Management In Ethiopia*. 2001, Forum for Social Studies and University of Sussex: Addis Ababa.
136. Pohjonen, V. and T. Pukkala, *Eucalyptus globulus in Ethiopian forestry* Forest Ecology and Management, 1990. **36**: p. 19-31.
137. Pohjonen, V. and T. Pukkala, *Juniperus procera Hocht. ex. Endl. in Ethiopian forestry*. Forest Ecology and Management, 1992. **49**(1-2): p. 75-85.
138. Rahmato, D., ed. *Environmental Change and State Policy in Ethiopia: Lessons from past experience*. FSS MONOGRAPH SERIES 2. 2001, Forum for social studies: Addis Ababa.
139. Rosell, S., *Regional perspective on rainfall change and variability in the central highlands of Ethiopia, 1978-2007*. Applied Geography, 2011. **31**: p. 329-338.
140. Schmitt, C.B., et al., *Wild coffee management and plant diversity in the montane rainforest of southwestern Ethiopia*. African Journal of Ecology, 2009. **48**: p. 78-86.
141. Segele, Z.T., P.J. Lamb, and L.M. Leslie, *Large-scale atmospheric circulation and global sea surface temperature associations with Horn of Africa June–September rainfall*. International Journal of Climatology, 2009. **29**(8): p. 1075-1100.
142. Segele, Z.T., L.M. Leslie, and P.J. Lamb, *Evaluation and adaptation of a regional climate model for the Horn of Africa: rainfall climatology and interannual variability*. International Journal of Climatology, 2009. **29**: p. 47-65.
143. Seleshi, Y. and U. Zanke, *Recent changes in rainfall and rainy days in Ethiopia*. International Journal of Climatology, 2004. **24**: p. 973-983.
144. Senbeta, F. and M. Denich, *Effects of wild coffee management on species diversity in the Afromontane rainforests of Ethiopia*. Forest Ecology and Management, 2006. **232**: p. 68-74.
145. Senbeta, F., et al., *The diversity and distribution of lianas in the Afromontane rain forests of Ethiopia*. Diversity and Distributions, 2005. **11**: p. 443-452.

146. Senbeta, F. and D. Teketay, *Regeneration of indigenous woody species under the canopies of tree plantations in Central Ethiopia* Tropical Ecology, 2001. **42**(2): p. 175-185.
147. Shanko, D. and P. Camberlin, *The effects of the southwest Indian ocean tropical cyclones on Ethiopian drought*. International Journal of Climatology, 1998. **18**: p. 1373-1388.
148. Shiferawa, H., et al., *Some biological characteristics that foster the invasion of Prosopis juliflora (Sw.) DC. at Middle Awash Rift Valley Area, north-eastern Ethiopia*. Journal of Arid Environments, 2004. **58**: p. 135-154.
149. Simoons, F.J., *Northwest Ethiopia: People and Economy*. 1960, Madison: University of Wisconsin Press.
150. Sonneveld, B.G.J.S. and M.A. Keyzer, *Land under Pressure: Soil conservation concerns and opportunities for Ethiopia*. Land Degradation & Development, 2003. **14**: p. 5-23.
151. Soromessa, T., D. Teketay, and S. Demissew, *Ecological study of the vegetation in Gamo Gofa zone, southern Ethiopia*. Tropical Ecology, 2004. **45**(2): p. 209-221.
152. Stebek, E.N., *Dwindling Ethiopian forests: The 'Carrot' and 'Stick' Dilemma*. Mizan Law Review, 2008. **2**(2): p. 255-286.
153. Sutcliffe, J.P., *The extent and economic costs of deforestation in South-west Ethiopia: A preliminary analysis*. 2009, NTFP-PFM: Southwest Ethiopia. p. 20.
154. Tefera, B. and G. Sterk, *Land management, erosion problems and soil and water conservation in Fincha'a watershed, western Ethiopia*. Land Use Policy, 2010. **27**: p. 1027-1037.
155. Tefera, B. and L. Stroosnijder, *Integrated watershed management: A planning methodology for construction of new dams in Ethiopia*. Lakes & Reservoirs: Research and Management, 2007. **12**: p. 247-259.
156. Tefera, M., et al., *The Role of Communities in Closed Area Management in Ethiopia* Mountain Research and Development 2005. **25**(1): p. 44-50.
157. Teketay, D., *Germination ecology of twelve indigenous and eight exotic multipurpose leguminous species from Ethiopia*. Forest Ecology and Management, 1996. **80**: p. 209-223.
158. Teketay, D., *Seedling populations and regeneration of woody species in dry Afromontane forests of Ethiopia*. Forest Ecology and Management, 1997. **98**: p. 149-165.

159. Teketay, D., *The impact of clearing and conversion of dry Afromontane forests into arable land on the composition and density of soil seed banks*
Acta Oecologica, 1997. **18**(5): p. 557-573
160. Teketay, D., *Deforestation, Wood Famine, and Environmental Degradation in Ethiopia's Highland Ecosystems: Urgent Need for Action* Northeast African Studies, 2001. **8**(1): p. 53-76.
161. Teketay, D., *Seed and regeneration ecology in dry Afromontane forests of Ethiopia: I. Seed production - population structures*. Tropical Ecology, 2005. **46**(1): p. 29-44.
162. Teketay, D. and T. Bekele, *Floristic composition of Wof-Washa natural forest, Central Ethiopia: Implications for the conservation of biodiversity*. FEDDEs Repertorium, 1995. **106**(1-5): p. 127-147.
163. Teketay, D. and A. Granstrom, *Germination ecology of forest species from the highlands of Ethiopia*. *Journal of Tropical Ecology*. Journal of Tropical Ecology, 1997. **14**: p. 793-803.
164. Tekle, K., *The Role of Soil Seed Banks in the Rehabilitation of Degraded Hillslopes in Southern Wello, Ethiopia*. Biotropica, 2000. **32**(1): p. 23-32.
165. Tekle, K. and L. Hedlund, *Land Cover Changes Between 1958 and 1986 in Kalu District, Southern Wello, Ethiopia* Mountain Research and Development 2000. **20**(1): p. 42-51.
166. Tesema, T., *Tackling deforestation in Ethiopia through institutional and policy means (PhD excerpt)*
in *Alumni conference 2009*: Bahirdar, Ethiopia.
167. Tesemma, Z.K., Y.A. Mohamed, and T.S. Steenhuis, *Trends in rainfall and runoff in the Blue Nile Basin: 1964–2003*. Hydrological Processes, 2010. **24**: p. 3747-3758.
168. Tesfay, B., *Understanding farmers: Explaining Soil and Water Conservation in Konso, Wolaita and Wello, Ethiopia* Resource Management Papers 2003. **41**.
169. Tesfaye, G., et al., *Phenology of seven indigenous tree species in a dry Afromontane forest, southern Ethiopia*. Tropical Ecology, 2011. **52**(3): p. 229-241.
170. Tesfaye, Y., et al., *Livelihood strategies and the role of forest income in participatory-managed forests of Dodola area in the bale highlands, southern Ethiopia*. Forest Policy and Economics, 2011. **13**: p. 258-265.

171. Teshome, T. and J.A. Petty, *Site index equation for Cupressus lusitanica stands in Munessa forest, Ethiopia*. Forest Ecology and Management, 2000. **126**: p. 339-347.
172. Tessema, Z.K., et al., *Influence of Grazing on Soil Seed Banks Determines the Restoration Potential of Aboveground Vegetation in a Semi-arid Savanna of Ethiopia*. Biotropica, 2011. **17**: p. 157-173.
173. Tiki, W., G. Oba, and T. Tvedt, *Human stewardship or ruining cultural landscapes of the ancient Tula wells, southern Ethiopiageoj_369* 62..78. The Geographical Journal, 2011. **177**(1): p. 62-78.
174. Tikssa, M., T. Bekele, and E. Kelbessa, *Plant community distribution and variation along the Awash river corridor in the main Ethiopian rift*. African Journal of Ecology, 2009. **48**: p. 21-28.
175. Tilahun, K., *Analysis of rainfall climate and evapo-transpiration in arid and semi-arid regions of Ethiopia using data over the last half a century*. Journal of Arid Environments 2006. **64** p. 474-487.
176. Tilahun, M., et al., *Frankincense yield assessment and modeling in closed and grazed Boswellia papyrifera woodlands of Tigray, Northern Ethiopia*. Journal of Arid Environments, 2011. **75**: p. 695-702.
177. Tilahun, M., et al., *Economic analysis of closing degraded Boswellia papyrifera dry forest from human interventions — A study from Tigray, Northern Ethiopia*. Forest Policy and Economics, 2007. **9**: p. 996-1005.
178. Tolera, M., et al., *Woody species diversity in a changing landscape in the south-central highlands of Ethiopia*. Agriculture Ecosystems & Environment 2008. **128**: p. 52-58.
179. Tsegaye, D., et al., *Land-use/cover dynamics in Northern Afar range lands, Ethiopia*. Agriculture Ecosystems & Environment 2010. **139**: p. 174-180.
180. Wassie, A., et al., *Postdispersal seed predation and seed viability in forest soils: implications for the regeneration of tree species in Ethiopian church forests* African Journal of Ecology, 2009. **48**: p. 461-471.
181. Wassie, A., et al., *Effects of livestock exclusion on tree regeneration in church forests of Ethiopia*. Forest Ecology and Management, 2009. **257**: p. 765-772.

182. Wassie, A., et al., *Tree Regeneration in Church Forests of Ethiopia: Effects of Microsites and management*. BIOTROPICA, 2009. **41**(1): p. 110-119.
183. Waterbury, J. and D. Whittington, *Playing chicken on the Nile? The implications of microdam development in the Ethiopian highlands and Egypt's New Valley Project*. Natural Research Forum, 1998. **22**(3): p. 155-163.
184. Weiss, H., et al., *The Genesis and collapse of Third Millennium North Mesopotamian civilization*. Science, 1993. **261**(5124): p. 995-1004.
185. Welderufael, W.A., P.A.L.L. Roux, and M. Hensley, *Quantifying rainfall-runoff relationships on the Dera Calcic Fluvic Regosol ecotope in Ethiopia*. agricultural Water Management, 2008. **95**: p. 1223-1232.
186. Welderufael, W.A. and Y.E. Woyessa, *Evaluation of surface water drainage systems for cropping in the Central Highlands of Ethiopia*. agricultural Water Management, 2009. **96**: p. 1667-1672.
187. Wilson, C.J., et al., *Effects of Land-Use and Tsetse Fly Control on Bird Species Richness in Southwestern Ethiopia*. Conservation Biology, 1997. **11**(2): p. 435-447.
188. Wolde-Ghiorgis, W., *Renewable energy for rural development in Ethiopia: the case for new energy policies and institutional reform* Energy Policy, 2002. **30**: p. 1095-1105.
189. Woldemichael, L.K., T. Bekele, and S. Nemomissa, *Vegetation Composition in Hugumbirda-Gratkhassu National Forest Priority Area, South Tigray*. N (MEJS) 2010. **2**(2): p. 27-48.
190. Woldu, Z. and I. Backéus, *The shrubland vegetation in western Shewa, Ethiopia and its possible recovery*. Journal of Vegetation Science, 1991. **2**: p. 173-180.
191. Woube, M., *Effect of fire on plant communities and soil in humid tropical savannah of Gambell, Ethiopia*. Land Degradation & Development, 1998. **9**(3): p. 275-282.
192. Yadessa, A., F. Itanna, and M. Olsson, *Scattered trees as modifiers of agricultural landscapes: the role of waddeessa (Cordia africana Lam.) trees in Bako area, Oromia, Ethiopia*. African Journal of Ecology, 2009. **48**(1): p. 78-83.
193. Yimer, F., S. Ledin, and A. Abdelkadir, *Soil property variations in relation to topographic aspect and vegetation community in the south-eastern highlands of Ethiopia*. Forest Ecology and Management, 2006. **232**: p. 90-99.

194. Yimer, F., S. Ledin, and A. Abdelkadir, *Concentration of exchangeable bases and cation exchange capacity in soils of cropland, grazing and forest in the Bale Mountains, Ethiopia*. Forest Ecology and Management, 2008. **256**: p. 1298-1302.
195. Yirdaw, E. and K. Leinonen, *Seed germination responses of four afro-montane tree species to red/far-red ratio and temperature*. Forest Ecology and Management, 2002. **168**: p. 53-61.
196. Yirdaw, E. and O. Luukkanen, *Photosynthetically active radiation transmittance of forest plantation canopies in the Ethiopian highlands*. Forest Ecology and Management, 2004. **188**: p. 17-24.
197. Yirga, C. and R.M. Hassan, *Social costs and incentives for optimal control of soil*. Agricultural Systems, 2010. **103**: p. 153-160.
198. Yohannes, F. and T. Tadesse, *Effect of drip and furrow irrigation and plant spacing on yield of tomato at Dire Dawa, Ethiopia*. Agricultural Water Management, 1998. **35**: p. 201-207.
199. Yohannes, Y., et al., *Soil CO₂ efflux in an Afro-montane forest of Ethiopia as driven by seasonality and tree species*. Forest Ecology and Management, 2011. **261**: p. 1090-1098.
200. Yusuf, H., et al., *Assessment of woody species encroachment in the grasslands of Nechisar National Park, Ethiopia*. African Journal of Ecology, 2011: p. 1-13.