

7. References

- Ackerman, A.S., Toon, O., Steven, D., Heymsfield, A., Ramanathan, V. & Welton, E. 2000. Reduction of tropical cloudiness by soot. *Science*, 288: 1042–1047.
- ADAS. 1995. *Somerset levels and moors environmentally sensitive area – environmental guidelines*. Taunton, UK, Agricultural and Development Advisory Service.
- Agee, J.K. & Skinner, C.N. 2005. Basic principles of forest fuel reduction treatments. *Forest Ecology and Management*, 211: 83–96.
- Ahola, M., Laaksonen, T., Sippola, K., Eeva, T., Rainio, K. & Lehikoinen, E. 2004. Variation in climate warming along the migration route uncouples arrival and breeding dates. *Global Change Biology*, 10: 1610–1617.
- Alencar A., Nepstad, D.C. & Vera Diaz, M.C.V. 2006. Forest understory fire in the Brazilian Amazon in ENSO and non-ENSO years: area burned and committed carbon emissions. *Earth Interactions*, 10: 1–17.
- Altizer S., Bartel, R. & Han, B.A. 2011. Animal migration and infectious disease risk. *Science*, 311: 296–302.
- Altmann, J., Alberts, S.C., Altmann, S.A. & Roy, S.B.. 2002. Dramatic change in local climate patterns in the Amboseli Basin, Kenya. *African Journal of Ecology*, 40: 248–251.
- AmphibiaWeb. 2011. Information on amphibian biology and conservation. Berkeley, California, AmphibiaWeb. (available at www.amphibiaweb.org/).
- Anderson, A.N., Orgeas, J., Blanche, R.D. & Lowe, L.M. 2003. Terrestrial insects. In Anderson, A.N., Cook, G.D. & Williams, R.J., eds. *Fire in tropical savannahs: The Kapalga experiment*. *Ecological Studies*, 169: 107–125. New York, USA, Springer-Verlag. 280 pp.
- Andreae, M.O., Rosenfeld, D., Artaxo, P., Costa, A. A., Frank, G.P., Longo, K.M. & Silva-Dias, M.A.F. 2004. Smoking rain clouds over the Amazon. *Science*, 303(5662): 1337–1342.
- Appiah, M. 2007. Fire: a necessary evil. In Heikkilä, T., Grönqvist, R. & Jurvélius, M., eds. *Wildland fire management handbook for trainers*, pp. 238–245. Helsinki, Finland, Development Policy Information Unit, Ministry for Foreign Affairs of Finland. (available at www.fire.uni-freiburg.de/literature/Fire-Management-Handbook-2007.pdf).
- Arzel, C., Elmberg, J. & Guillemain, M. 2006. Ecology of spring-migrating Anatidae: a review. *Journal of Ornithology*, 147: 167–184.
- Arzel, C., Elmberg, J., Guillemain, M., Lepley, M., Bosca, F., Legagneux, P. & Nogues, J.-B. 2009. A flyway perspective on food resource abundance in a long-distance migrant, the Eurasian Teal (*Anas crecca*). *Journal of Ornithology*, 150: 61–73.

- Asian Development Bank & National Development Planning Agency (BAPPENAS).** 1999. Annex 1: Causes, extent, impact and costs of 1997/98 fires and drought: final report. Jakarta, Asian Development Bank. (also available at www.adb.org/documents/reports/fire_prevention_drought_mgt).
- Asner, G., Loarie, S.R. & Heyder, U.** 2010. Combined effects of climate and land-use change on the future of humid tropical forests. *Conservation Letters*, 3: 395–403.
- Atkinson, C.T. & Utzurrum, R.B.** 2010. Changes in prevalence of avian malaria on the Alaka'i Plateau, Kaua'i, 1997–2007 (Technical Report HCSU-017). (also available at hilo.hawaii.edu/hcsu/documents/TRHCSU017AtkinsonChangesinPrevalenceofAvianMalariaFINAL.pdf).
- Babweteera, F., Savill, P. & Brown, N.** 2007. *Balanites wilsoniana*: regeneration with and without elephants. *Biological Conservation*, 134: 40–47.
- Bajracharya, S. R., Mool, P. K. Shrestha, B. R.** 2007. *Impact of climate change on Himalayan glaciers and glacial lakes: case studies on GLOF and associated hazards in Nepal and Bhutan*. Nepal, International Centre for Integrated Mountain Development (ICIMOD). 136 pp.
- Baeza, M.J., de Luís, M., Raventós, J. & Escarré, A.** 2002. Factors influencing fire behavior in shrub-lands of different stand ages and the implications for using prescribed burning to reduce wildfire risk. *Journal of Environmental Management*, 65: 199–208.
- Balch, J.R.K., Nepstad, D.C., Brando, P.M., Curran, L.M., Portela, O., de Carvalho, O., Jr. & Lefebvre, P.** 2008. Negative fire feedback in a transitional forest of southeastern Amazonia. *Global Change Biology*, 14(10): 2276–2287.
- Bancroft, L., Nichols, T., Parsons, D., Graber, D., Evison, B. & van Wagtenonk, J.** 1985. Evolution of the Natural Fire Management Program at Sequoia and Kings Canyon National Parks. In Lotan, J.E., Kilgore, B.M., Fischer, W.C., Mutch, R.W. (technical coordinators). *Proceedings of the Symposium and Workshop on Wilderness Fire, 15–18 November 1983, Missoula, Montana*. USDA Forest Service General Technical Report INT-182, pp. 174–180. Ogden, USA, USDA Forest Service. 434 pp.
- Barber, C.V. & Schweithelm, J.** 2000. *Trial by fire: forest fire and forestry policy in Indonesia's era of crisis and reform*. Washington, DC, World Resources Institute. 76 pp.
- Barlow, J., Peres, C., Lagan, B., & Haugaasen, T.** 2003. Large tree mortality and the decline of forest biomass following Amazonian wildfires. *Ecology Letters*, 6:6–8.
- Barnes, R.F.W., Héma, E.M. & Doumbia, E.** (2006). Distribution des éléphants autour dune mare sahéenne en relation avec le chatel domestique et la vegetation ligneuse. *Pachyderm*, 40: 35–41.
- Bates, B.C., Kundzewicz, Z.W., Wu, S. & Palutikof, J.P., eds.** 2008. *Climate change and water. Technical Paper of the Intergovernmental Panel on Climate Change*. Geneva, Switzerland, IPCC Secretariat. 200 pp. (also available at www.ipcc.ch/pdf/technical-papers/climate-change-water-en.pdf).
- Battisti, A.** 2008. Forests and climate change – lessons from insects. *iForest*, 1: 1–5. (available at www.sisef.it/iforest/contents/?id=210).

- Battisti, A., Stastny, M., Buffo, E. & Larsson, S. 2006. A rapid altitudinal range expansion in the pine processionary moth produced by the 2003 climate anomaly. *Global Change Biology*, 12: 662–671.
- BC Ministry of Forests & Range Wildfire Management Branch. 2009. *Climate change and fire management research strategy*. 24 pp. (also available at www.bcwildfire.ca/weather/Climate/docs/Climate%20change%20forum%20report_final.pdf).
- Bellamy, P.H., Loveland, P.J., Bradley, R.I., Lark, R.M. & Kirk, G.J.D. 2005. Carbon losses from all soils across England and Wales 1978–2003, *Nature*, 437: 245–248.
- Benning, T.L., Lapointe, D., Atkinson, C.T. & Vitousek, P.M. 2002. Interactions of climate change with biological invasions and land use in the Hawaiian Islands: Modeling the fate of endemic birds using a geographic information system. *PNAS*, 99(22): 14246–14249.
- Bergkamp, G., Orkando, B. & Burton, I. 2003. *Change: adaptation of water resources management to climate change*. Gland, Switzerland, IUCN. 52 pp. (also available at www.iucn.org/what/tpas/climate/resources/publications/?uPubsID=2638).
- BirdLife International. 2008. *Aegypius monachus*. In IUCN. 2011. *IUCN Red List of Threatened Species. Version 2011.1*. (available at www.iucnredlist.org/apps/redlist/details/144355/0).
- BirdLife International. 2009. *Grus grus*. In IUCN. 2011. *IUCN Red List of Threatened Species. Version 2011.1*. (available at www.iucnredlist.org/apps/redlist/details/143780/0).
- BirdLife International. 2011. Endemic bird area factsheet: Kenyan mountains. (available at www.birdlife.org on 01/08/2011).
- Blakesley, D. & Elliot, S. 2003. Thailand, restoration of seasonally dry tropical forest using the Framework Species Method. UNEP World Conservation Monitoring Centre. 8 pp. (also available at www.unep-wcmc.org/medialibrary/2011/05/24/241c807c/Thailand%20highres.pdf).
- Bond, W.J. & van Wilgen, B.W. 1996. *Fire and plants. Population and Community Biology Series 14*. London, Chapman & Hall. 272 pp.
- Born Free Foundation. 2009. Hippos of Tsavo West, Kenya. (available at www.bornfree.org.uk/animals/hippos/).
- Bosch, J., Carrascal, L.M., Durán, L., Walker, S. & Fisher, M.C. 2007. Climate change and outbreaks of amphibian chytridiomycosis in a montane area of Central Spain: is there a link? *Proceedings of the Royal Society*, 274(1607): 253–260.
- Bosire, J.O., Dahdouh-Guebas, F., Kairo, J.G., Cannicci, S. & Koedam, N. 2004. Spatial variations in macrobenthic fauna recolonisation in a tropical mangrove bay. *Biodiversity and Conservation*, 13: 1059–1074.
- Bosomworth, K. & Handmer, J. 2007. What frameworks will help inform wildlife risk management to support community resilience to climate change? *4th International Wildland Fire Conference*, Thematic Session 1. (also available at www.fire.uni-freiburg.de/sevilla-2007/contributions/doc/cd/SESIONES_TEMATICAS/ST1/Bosomworth_Handmer_AUSTRALIA.pdf).
- Both, C., Bouwhuis, S., Lessells, C.M. & Visser, M.E. 2006. Climate change and population declines in a long-distance migratory bird. *Nature*, 441: 81–83.

- Both, C. & te Marvelde, L. 2007. Climate change and timing of avian breeding and migration throughout Europe. *Climate Research*, 35: 93–105.
- Bouché, P., Doama, B., Sissoko, B. & Bouju, S. 2009. Les éléphants du Gourma, Mali: Statut et menaces pour leur conservation. *Pachyderm*, 45: 47–55. (also available at www.pachydermjournal.org/index.php/pachy/article/view/21).
- Boyd, H. & Fox, A.D. 2008. Effects of climate change on the breeding success of White-fronted Geese *Anser albifrons flavirostris* in West Greenland. *Wildfowl*, 58: 55–70.
- Briggs, J.M., Knapp, A.K. & Brock, B.L. 2002. Expansion of woody plants in tallgrass prairie: a fifteen year study of fire and fire-grazing interaction. *American Midland Naturalist*, 147(2): 287–294
- Brommer, J.E. 2004. The range margins of northern birds shift polewards. *Ann. Zool. Fennici*, 41: 391–397.
- Burgiel, S.W. & Mui, A.A. 2010. *Invasive species, climate change and ecosystem-based adaptation: addressing multiple drivers of global change*. Washington, DC and Nairobi, Global Invasive Species Programme. 55 pp. (also available at www.data.iucn.org/dbtw-wpd/edocs/2010-054.pdf).
- Butchart, S.H.M., Walpole, M., Collen, B., van Strien, A., Scharlemann, J.P.W., Almond, R.E.A., Baillie, J.E.M., Bomhard, B., Brown, C., Bruno, J., Carpenter, K.E., Carr, G.M., Chanson, J., Chenery, A.M., Csirke, J., Davidson, N.C., Dentener, F., Foster, M., Galli, A., Galloway, J.N., Genovesi, P., Gregory, R.D., Hockings, M., Kapos, V., Lamarque, J.-F., Leverington, F., Loh, J., McGeoch, M.A., McRae, L., Minasyan, A., Hernández Morcillo, M., Oldfield, T.E.E., Pauly, D., Quader, S., Revenga, C., Sauer, J.R., Skolnik, B., Spear, D., Stanwell-Smith, D., Stuart, S.N., Symes, A., Tierney, M., Tyrrell, T.D., Vié, J.-C. & Watson, R. (2010) Global biodiversity: indicators of recent declines. *Science*, 328(5982): 1164–1168.
- Campos-Arceiz, A. & Blake, S. (in press). Megagardeners of the forest – the role of elephants in seed dispersal. *Acta Oecologica*.
- Canadian Forest Service. 2005. *State of Canada's forests 2004–2005: the boreal forest. Ottawa, National Capital Region*. (also available at cfs.nrcan.gc.ca/publications/?id=25648).
- Canadian Wildland Fire Strategy Assistant Deputy Ministers Task Group. 2005. *Canadian wildland fire strategy: a vision for an innovative and integrated approach to managing the risks*. 96 pp. Edmonton, Canada, Natural Resources Canada, Canadian Forest Service, Northern Forestry Centre. (also available at www.ccfm.org/pdf/Vision_E_web.pdf).
- Carpenter, K.E., Abrar, M., Aeby, G., Aronson, R.B., Banks, S., Bruckner, A., Chiriboga, A., Cortés, J., Delbeek, J.C., DeVantier, L., Graham, J.E., Edwards, A.J., Fenner, D., Guzmán, H.M., Hoeksema, B.W., Hodgson, G., Johan, O., Licuanan, W.Y., Livingstone, S.R., Lovell, E.R., Moore, J.A., Obura, D.O., Ochavillo, D., Polidoro, B.A., Precht, W.F., Quibilan, M.C., Reboton, C., Richards, Z.T., Rogers, A.D., Sanciangco, J., Sheppard, A., Sheppard, C., Smith, J., Stuart, S., Turak, E., Vernon, J.E., Wallace, C., Weil, E. & Wood, E. 2008. One-third of reef-building corals face elevated extinction risk from climate change and local impacts. *Science*, 321: 560–563.

- Carter, J. & Leonard, B. P. 2002. A review of the literature on the worldwide distribution, spread of, and efforts to eradicate the coypu (*Myocastor coypus*). *Wildlife Society Bulletin*, 30(1): 162–175.
- Conservation Development Centre, International Institute for Sustainable Development & Safeworld. 2009. *Climate change and conflict: lessons from community conservancies in northern Kenya*. 50 pp. (also available at www.iisd.org/pdf/2009/climate_change_conflict_kenya.pdf).
- Chown, S.L., Slabber, S., McGeoch, M.A., Janion, C. & Leinaas, H.P. 2007. Phenotypic plasticity mediates climate change responses among invasive and indigenous arthropods. *Proc. R. Soc. B*, 274(1625): 2531–2537.
- CITES. 2000. Ranching and trade in ranched specimens of species transferred from Appendix I to Appendix II (Conf. 11.16, Rev. CoP15). (also available at www.cites.org/eng/res/all/11/E11-16R14.pdf).
- CITES. 2010. Report on crocodile (*Crocodylus nautilus*) ranching in Malawi for 2008 and 2009. (also available at www.cites.org/common/resources/reports/reports/ranch/MW1005.pdf).
- Clavero, M. & García-Berthou, E. 2005. Invasive species are a leading cause of animal extinctions. *Trends in Ecology and Evolution*, 20: 110.
- Cochrane, M.A. 2002. *Spreading like wildfire – tropical forest fires in Latin America and the Caribbean: prevention, assessment and early warning*. Mexico City, Regional Office for Latin America and the Caribbean, UNEP. 96 pp.
- Cochrane, M.A & Laurance, W.F. 2002. Fire as a large-scale edge effect in Amazonian forests. *Journal of Tropical Ecology*, 18: 311–325.
- Cochrane, M.A. & Schulze, M.D. 1999. Fire as a recurrent event in tropical forests of the eastern Amazon: effects on forest structure, biomass, and species composition. *Biotropica*, 31(1):2–16.
- Cochrane, M.A., Alencar, A, Schulze, M.D., Souza, C.M., Jr., Nepstad, D.C, Lefebvre, P & Davidson, E.A. 1999. Positive feedbacks in the fire dynamic of closed canopy tropical forests. *Science*, 284:1832–1835.
- Colfer, C.J.P., ed. 2008. *Human health and forests: A global overview of issues, practice and policy*. London, Earthscan Publications Ltd. CIFOR. 374 pp.
- Colfer, C.J.P., Sheil D. & Kishi, M. 2006. Forests and human health: assessing the evidence. CIFOR Occasional Paper No. 45. Bogor, Indonesia, CIFOR. (also available at www.cifor.org/publications/pdf_files/OccPapers/OP-45.pdf).
- Colls, A., Ash, N., & Ikkala, N. 2009. *Ecosystem-based adaptation: a natural response to climate change*. Gland, Switzerland: IUCN. 16 pp. (also available at www.iucn.org/what/tpas/climate/resources/publications/?uPubsID=3944).
- COSEWIC. 2010. *Canadian Species at Risk, October 2010*. Ottawa, Canada, Committee on the Status of Endangered Wildlife in Canada. (available at www.cosewic.gc.ca/eng/sct0/rpt/dsp_booklet_e.htm).
- Costa, M.H. & Foley, J.A. 2000. Combined effects of deforestation and doubled atmospheric CO₂ concentrations on the climate of Amazonia. *Journal of Climate*, 13: 18–34.

- Cotton, P.A. 2003. Avian migration phenology and global climate change. *PNAS*, 100: 12219–12222.
- Cruz, R.V., Harasawa, H., Lal, M., Wu, S., Anokhin, Y., Punsalma, B., Honda, Y., Jafari, M., Li, C., & Huu Ninh, N. 2007. Asia. In Parry, M.L., Canziani, O.F., Palutikof, J.P., van der Linden, P.J. & Hanson, C.E., eds. *Climate change 2007: impacts, adaptation and vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, pp. 469–506. Cambridge, UK, Cambridge University Press. 992 pp. (also available at www.ipcc.ch/pdf/assessment-report/ar4/wg2/ar4-wg2-chapter10.pdf).
- Cumming, H.G. 1992. Woodland caribou: facts for forest managers. *The Forestry Chronicle*, 68(4): 481–491.
- Curtin, C.G. 2002. Livestock grazing, rest and restoration in arid landscapes. *Conservation Biology*, 16(3): 840–842.
- da Costa, A. 2009. Conference brings attention to Himalayan climate threat. *Worldwatch Institute*. (available at www.worldwatch.org/node/6254).
- Dale, V.H., Joyce, L.A., McNulty, S., Neilson, R.P., Ayres, M.P., Flannigan, M.D., Hanson, P.J., Irland, L.C., Lugo, A.E., Petterson, C.J., Simberloff, D., Swanson, F.J., Stocks, B.J., & Wotton, M. 2001. Climate change and forest disturbances. *BioScience*, 51(9): 723–734.
- Day, J. W., Jr., Hall, C.A.S., Kemp, W.M. & Yanez-Arancibia, A. 1989. *Estuarine ecology*. New York, USA, John Wiley & Sons. 558 pp.
- de La Rocque, S., Rioux, J.A., & Slingenbergh, J. 2008. Climate change: effects on animal disease systems and implications for surveillance and control. *Rev. Sci. Tech. Off. Int. Epiz.*, 27(2): 339–354.
- de Leew, J., Waweru, M.N., Okello, O.O., Maloba, M., Nguru, P., Said, M.Y., Aligula, H.M., Heitkonig, I.M.A. & Reid, R.S. 2001. Distribution and diversity of wildlife in northern Kenya in relation to livestock and permanent water points. *Biological Conservation*, 100(3): 297–306.
- DeLucia, E.H., Hamilton, J.G., Naidu, S.L., Thomas, R.B., Andrews, J.A., Finzi, A., Lavine, M., Matamala, R., Mohan, J.E., Hendrey, G.R. & Schlesinger, W.H. 1999. Net primary production of a forest ecosystem with experimental CO₂ enrichment. *Science*, 284(5417): 1177–1179.
- Díaz, M., Campos, P. & Pulido, F.J. 1997. The Spanish dehesas: a diversity of land uses and wildlife. In Pain, D. & Pienkowski, M., eds. *Farming and birds in Europe: the common agricultural policy and its implications for bird conservation*, pp. 178–209. London, Academic Press. 436 pp.
- Dickman, A.J. 2008. Key determinants of conflict between people and wildlife, particularly large carnivores, around Ruaha National Park, Tanzania. London, University College London and Institute of Zoology, Zoological Society of London. (PhD thesis) 373 pp.
- Dilley, M., Chen, R.S., Deichmann, U., Lerner-Lam, A.L. & Arnold, M. 2005. *Natural disaster hotspots: a global risk analysis*. Washington, DC, The World Bank. 29 pp.
- Doncaster, C. P. & Micol, T. 1990. Response by coypus to catastrophic events of cold and flooding. *Holarctic Ecology*, 13(2): 98–104.

- Douglas-Hamilton, I. & Wall, J. 2009. Drought threatens Mali elephants. *Pachyderm*, 45: 129–130.
- Dube, S.K., Chittibabu, P., Rao, A.D., Sinha, P.C. & Murty, T.S. 2000. Sea levels and coastal inundation due to tropical cyclones in Indian coastal regions of Andhra and Orissa. *Marine Geodesy*, 23(2): 65–73.
- Dudley, N. ed. 2008. *Guidelines for applying protected area management categories*. Gland, Switzerland, IUCN. 86 pp. (also available at www.iucn.org/about/union/commissions/wcpa/wcpa_puball/wcpa_pubssubject/wcpa_categoriespub/?1662/Guidelines-for-applying-protected-area-management-categories).
- Dudley, N. & Rao, M. 2008. *Assessing and creating linkages within and beyond protected areas: a quick guide for protected area practitioners*. Quick Guide Series. Arlington, USA: The Nature Conservancy and the Convention on Biological Diversity. 28 pp. (also available at conserveonline.org/workspaces/patools/documents/landscape-linkages-quick-guide/view.html).
- Dudley, N., Stolton, S., Belokurov, A., Krueger, L., Lopoukhine, N., MacKinnon, K., Sandwith, T. & Sekhran, N. 2010. *Natural solutions: protected areas helping people cope with climate change*. Gland, WWF International. 126 pp. (also available at cmsdata.iucn.org/downloads/natural_solutions.pdf).
- Dunbar, R.I.M. 1998. Impact of global warming on the distribution and survival of the gelada baboon: a modelling approach. *Global Change Biology*, 4: 293–304.
- Dunn, A.E., Gonzalez-Caban, A. & Solari, K. 2005. The Old, Grand Prix, and Padua wildfires: how much did these fires *really* cost? A preliminary report on expenditures and discussion of economic costs resulting from the 2003 Old, Grand Prix and Padua wildfire complex. Riverside, USA, USDA Forest Service-Pacific Southwest Research Station. 18 pp.
- Dybas, C.L. 2009. Infectious diseases subdue Serengeti lions. *BioScience*, 59(1): 8–13.
- Dyrgerov, M.B. & Meier, M.F. 2005. Glaciers and the changing earth system: a 2004 snapshot. Occasional Paper 58. Boulder, USA, Institute of Arctic and Alpine Research, University of Colorado.
- Edwards, M. & Richardson, A.J. 2004. Impact of climate change on marine pelagic phenology and trophic mismatch. *Nature*, 430: 881–884.
- Earthwatch Institute. 2010. Amazon drought results in dramatic fall in pink river dolphin populations. *eNewsletter*, November 2010. (available at www.earthwatch.org/newsandevents/publications/epubsarchive/news-pinkdolphin.html).
- Eliasch, J. 2008. *Climate change: financing global forests – the Eliasch review*. London, The Stationery Office Ltd. 250 pp. (also available at www.official-documents.gov.uk/document/other/9780108507632/9780108507632.pdf).
- Ellison, J. 1993. Mangrove retreat with rising sea-level, Bermuda. *Estuarine Coastal and Shelf Science*, 37: 75–87.
- Ely, C.R., Bollinger, K.S., Densmore, R.V., Rothe, T.C., Petrula, M.J., Takekawa, J.Y. & Orthmeyer, D.L. 2007. Reproductive strategies of northern geese: why wait? *The Auk*, 124(2): 594–605.
- Emerton, L. 2001. Why forest values are important to East Africa. *Innovation*, 8(2): 1–5.

- English Nature.** 1997. *Somerset levels and moors natural area: a nature conservation profile*. Taunton, UK. 76 pp. (also available at www.naturalareas.naturalengland.org.uk/Science/natural/profiles/naProfile85.pdf).
- Fa, J.E., Currie, D. & Meeuwig J.** 2002. Bushmeat and food security in the Congo Basin: linkages between wildlife and people's future. *Environmental Conservation*, 30: 71–78.
- FAO.** 2004. Human-wildlife conflict worldwide: collection of case studies, analysis of management strategies and good practices. Rome. (also available at: www.fao.org/sard/common/ecg/1357/en/hwc_final.pdf).
- FAO.** 2005a. *Best practices for improving law compliance in the forestry sector*. FAO Forestry Paper, 145. Rome. 116 pp. (also available at www.fao.org/docrep/008/a0146e/A0146E00.htm).
- FAO.** 2005b. *Range rehabilitation and establishment of a wildlife reserve in the Syrian steppe. (Consolidation Phase II)*. GCP/SYR/009/ITA. Rome. 41 pp. (also available at www.fao.org/ag/AGP/AGPC/doc/PUBLICAT/field2/Pub03.htm)
- FAO.** 2006. *Fire management: voluntary guidelines. Principles and strategic actions*. Fire Management Working Paper, FM17E. Rome. 63 pp. (also available at www.fao.org/forestry/firemanagement/46135/en/).
- FAO.** 2007. *The world's mangroves 1980–2005*. FAO Forestry Paper 153. Rome. 77 pp. (also available at www.fao.org/docrep/010/a1427e/a1427e00.htm).
- FAO.** 2010a. *Global forest resource assessment 2010: Main report*. Rome. 343 pp. (also available at www.fao.org/docrep/013/i1757e/i1757e00.htm).
- FAO.** 2010b. Guidelines on sustainable forest management in drylands of sub-Saharan Africa. *Arid Zone Forests and Forestry Working Paper No. 1*. Rome. 340 pp. (also available at www.fao.org/docrep/012/i1628e/i1628e00.pdf).
- FAO.** 2011a. The global rinderpest eradication programme. Progress report on rinderpest eradication: Success stories and actions leading to the June 2011 Global Declaration. Rome. (also available at www.fao.org/ag/againfo/resources/documents/AH/GREP_flyer.pdf).
- FAO.** 2011b. *Climate change for forest policy makers: an approach for integrating climate change into national forest programmes in support of sustainable forest management. (Draft 23rd May 2011.)* Rome. 28 pp. (also available at www.fao.org/forestry/27314-09105bd5bd06ba33380a10c39e36ac6c1.pdf).
- FAO.** 2011c. *One Health: Food and Agriculture Organization of the United Nations strategic action plan*. Rome. 6 pp. (also available at www.fao.org/docrep/014/al868e/al868e00.pdf).
- FAO & FireFight South East Asia.** 2002. *Communities in flames: proceedings of an international conference on community involvement in fire management*. RAP Publications 2002/25. Bangkok, FAO. 32 pp. (also available at www.fao.org/docrep/005/AC798E/AC798E00.htm).
- Fargione, J., Hill, J., Tilman, D., Polasky, S. & Hawthorne, P.** 2008. Land clearing and the biofuel carbon debt. *Science*, 319: 1235–1238.
- Field, C.D.** 1995. Impact of expected climate change on mangroves. *Hydrobiologia*, 295: 75–81.

- Fischlin, A., Midgley, G.F., Price, J.T., Leemans, R., Gopal, B., Turley, C., Rounsevell, M.D.A., Dube, O.P., Tarazona, J. & Velichko, A.A. 2007. Ecosystems, their properties, goods and services. In Parry, M.L., Canziani, O.F., Palutikof, J.P., van der Linden, P.J. & Hanson, C.E., eds. *Climate change 2007: Impacts, adaptation and vulnerability. Contribution of Working Group II to the Fourth Assessment Report of the Intergovernmental Panel of Climate Change*, pp. 211–272. Cambridge, UK, Cambridge University Press. 976 pp. (available at www.ipcc.ch/pdf/assessment-report/ar4/wg2/ar4-wg2-chapter4.pdf).
- Frazier, T.G., Wood, N. & Yarnal, B. 2010. Stakeholder perspectives on land-use strategies for adapting to climate-change-enhanced coastal hazards: Sarasota, Florida. *Applied Geography*, 30(4): 506–512.
- Galatowitsch, S., Frelich, L. & Phillips-Mao, L. 2009. Regional climate change adaptation strategies for biodiversity conservation in a midcontinental region of North America. *Biological Conservation*, 142 (10): 2012–2022.
- Galbraith, H., Jones, R., Park, R., Clough, J., Herrod-Julius, S, Harrington, B & Page, G. 2002. Global climate change and sea level rise: potential losses of intertidal habitat for shorebirds. *Waterbirds*, 25(2): 173–183.
- Gandiwa, E. & Kativu, S. 2009. Influence of fire frequency on *Colophospermum mopane* and *Combretum apiculatum* woodland structure and composition in northern Gonarezhou National Park, Zimbabwe. *Koedoe*, 51(1), Art. #685.
- Gandiwa, E. & Zisadza, P. 2010. Wildlife management in Gonarezhou National Park, Southeast Zimbabwe: climate change and implications for management. *Nature & Faune*, 25(1): 95–104.
- Ganz, D.J. 2001. Results of regional workshop on community based fire management in southeast Asia. Proceedings of Joint Bushfire/FRFRANZ Conference 2001: July 3–6, 2001, Christchurch, New Zealand. Rotorua, New Zealand, New Zealand Forest Research Institute Limited.
- Ganz, D. J., Saah, D.S, Wilson, M.A. & Troy, A. 2007. Efficacy of the California Bureau of Land Management Community Assistance and Hazardous Fuels programs. pp. 585–606. In: Butler, B.W. & Cook, W., eds. *The fire environment – innovations, management, and policy. Conference proceedings 26–30 March 2007, Destin, FL. Proceedings RMRS-P-46CD*. Fort Collins, USA, Department of Agriculture, Forest Service, Rocky Mountain Research Station. 662 pp.
- Genovesi, P. 2005. Eradications of invasive alien species in Europe: a review. *Biological Invasions*, 7: 127–133.
- Genovesi, P. 2007. Limits and potentialities of eradication as a tool for addressing biological invasions. In Nentwig, W., ed. 2007. *Biological invasions. Ecological Studies*, 193: 385–400. Berlin & Heidelberg, Germany, Springer-Verlag. 441 pp.
- Genovesi, P. 2011. Are we turning the tide? Eradications in times of crisis: how the global community is responding to biological invasions. In Veitch, C. R., Clout, M. N. & Towns, D. R., eds. *Island invasives: eradication and management*. Gland, Switzerland, IUCN.

- Genovesi, R., Scalera, R., Brunel, S., Roy, D. & Solarz, W. 2010. *Towards an early warning and information system for invasive alien species (IAS) threatening biodiversity in Europe. Technical Report No 5/2010*. Copenhagen, European Environmental Agency. 47 pp. (also available at www.eea.europa.eu/publications/information-system-invasive-alien-species).
- Gill, A.M. 1975. Fire and the Australian flora: a review. *Australian Forestry*, 38:4–25.
- Gill, A.M. 1981. Adaptive responses of Australian vascular plant species to fires. In Gill, A.M., Goves, R.H. & Noble, I.R., eds. *Fire and the Australian biota*, pp. 243–272. Canberra, Australia, Australian Academy of Science. 582 pp.
- Ginsberg, J.R., Mace, G.M. & Albon, S. 1995. Local extinction in a small and declining population: wild dogs in the Serengeti. *Proc. Biol. Sci.*, 262(1364): 221–228.
- Global Environment Facility. 2004. Mt Kenya East Pilot Project for Natural Resources Management (MKEPP) project executive summary. Embu, IFAD
- Global Water Partnership. 2010. Statement to the 16th Conference of the Parties (COP 16) to the United Nations Framework Convention on Climate Change. Stockholm, GWP Global Secretariat. (also available at www.gwp.org/Global/COP_16_GWP_statement_10%20Dec%202010,%20Final.pdf).
- Goldammer, J.G. 1998. Fire watch. *Our Planet*, 9.6. (available at www.ourplanet.com/imgversn/96/gold.html).
- Goldammer, J.G. 1999. Forest on fire. *Science*, 284(5421): 1782–1783.
- Gonzalez, J.P., Gouilh, M.A., Reynes, J.M. & Lery, E. 2008. Bat-borne viral diseases. In Colfer, C.J.P., ed. *Human health and forests: A global overview of issues, practice, and policy*, pp. 161–196. London, Earthscan Publications Ltd. 374 pp.
- Gosling, L.M. 1981. Climatic determinants of spring littering by feral coypus *Myocastor coypus*. *Journal of Zoology*, 195: 281–288.
- Gosling, L. M. & Baker, S. J. 1989. The eradication of muskrats and coypus from Britain. *Biological Journal of the Linnaean Society*, 38: 39–51.
- Gottfried, M., Pauli, H., Reiter, K. & Grabherr, G. 1999. A fine-scaled predictive model for changes in species distributions patterns of high mountain plants induced by climate warming. *Diversity and Distributions*, 5(6):241–252.
- Grady, K.C. & Hart, S.C. 2006. Influences of thinning, prescribed burning and wildfire on soil processes and properties in southwestern ponderosa pine forests: a retrospective study. *Forest Ecology and Management*, 234:123–135.
- Grime, J.P., Fridley, J.D., Askew, A.P., Thompson, K., Hodgson, J.G. & Bennett, C.R. 2008. Long-term resistance to simulated climate change in an infertile grassland. *Proc. Natl. Acad. Sci. USA*, 105: 10028–10032.
- Hannah, L., Midgley, G., Anelman, S., Araújo, M., Hughes, G., Martinez-Meyer, E., Pearson, R. & Williams, P. 2007. Protected area needs in a changing climate. *Frontiers in Ecology and the Environment*, 5: 131–138.
- Hansen, J., Sato, M., Ruedy, R., Lo, K., Lea, D. W. & Medina-Elizade, M. 2006. Global temperature change. *Proc. Natl. Acad. Sci. USA*, 103: 14288–14293.
- Harcourt, A., Kineman, J., Campbell, G., Yamagiwa, J., Redmond, I., Aveling, C. & Condiotti, M. 1983. Conservation and the Virunga Africa gorilla population. *African Journal of Ecology* 21(2): 139–142.

- Harvell, C.D., Mitchell, C.E., Ward, J.R., Altizer, S., Dobson, A.P., Ostfield, R.S. & Samuel, M.D. 2002. Climate warming and disease risks for terrestrial and marine biota. *Science*, 296: 2158–2162.
- Hays, G.C., Richardson, A.J. & Robinson, C. 2005. Climate change and marine plankton. *Trends in Ecology and Evolution*, 20(6): 337–344.
- Heathwaite, A.L. 1993. Disappearing peat – regenerating peat? The impact of climate change on British peatlands. *The Geographical Journal*, 159(2): 203–208.
- Helmer, M. & Hilhorst, D. 2006. Editorial: natural disasters and climate change. *Disasters*, 30(1): 1–4.
- Hemp, A. 2009. Climate change and its impact on the forests of Kilimanjaro. *African Journal of Ecology*, 47: 3–10.
- Henwood, W.D. 2010. Toward a strategy for the conservation and protection of the world's temperate grasslands. *Great Plains Research*, 20: 121–134.
- Henttonen, H. & Tikhonov, A. 2008. *Rangifer tarandus*. In IUCN. 2011. *IUCN Red List of threatened species, version 2011.1*. (available at www.iucnredlist.org/apps/redlist/details/29742/0).
- Hinrichs, A. 2000. Financial losses due to the 1997/8 fires in HPH areas of East Kalimantan. *Promotion of Sustainable Forest Management in East Kalimantan (SFMP)*, 30 November 2000. Samarinda, Indonesia.
- Hinzman, L.D., Bettez, N.D., Bolton, W.R., Chapin, F.S., Dyrurgerov, M.B., Fastie, C.L., Griffith, B., Hollister, R.D., Hope, A., Huntington, H.P., Jensen, A.M., Jia, G.J., Jorgenson, T., Kane, D.L., Klein, D.R., Kofinas, G., Lynch, A.H., Lloyd, A.H., McGuire, A.D., Nelson, F.E., Oechel, W.C., Osterkamp, T.E., Racine, C.H., Romanovsky, V.R., Stone, R.S., Stow, D.A., Sturm, M., Tweedie, C.E., Vourlitis, G.L., Walker, M.D., Walker, D.A., Webber, P.J., Welker, J.M., Winker, K.S. & Yoshikawa, K. 2005. Evidence and implications of recent climate change in northern Alaska and other Arctic regions. *Climate Change*, 72: 251–298.
- Hitch, A.T. & Leberg, P. 2007. Breeding distributions of North American bird species moving north as a result of climate change. *Conservation Biology*, 21(2): 534–539.
- Hobbs, R. J. & Norton, D. A. 1996. Towards a conceptual framework for restoration ecology. *Restoration Ecology*, 4: 93–110.
- Hoffmann, M., Hilton-Taylor, C., Angulo, A., Böhm, M., Brooks, T.M., Butchart, S.H.M., Carpenter, K.E., Chanson, J., Collen, B., Cox, N.A., Darwall, W.R.T., Culvy, N.K., Harrison, L.R., Katariya, V., Pollock, C.M., Quader, S., Richman, N.I., Rodrigues, A.S.L., Tognelli, M.F., Vié, J.-C., Aguiar, J.M., Allen, D.J., Allen, G.R., Amori, G., Anaheva, N.B., Andreone, F., Andrew, P., Aquino Ortiz, A.L., Baillie, J.E.M., Baldi, R., Bell, B.D., Biju, S.D., Bird, J.P., Black-Decima, P., Blanc, J.J., Bolaños, F., Bolivar-G., W., Burfield, I.J., Burton, J.A., Capper, D.R., Castro, F., Catullo, G., Cavanagh, R.D., Channing, A., Labbish Chao, L., Chenery, A.M., Chiozza, F., Clausnitzer, V., Collar, N.J., Collett, L.C., Collette, B.B., Cortez Fernandez, C.F., Craig, M.T., Crosby, M., Cumberlidge, N., Cuttelod, A., Derocher, A.E., Diesmos, A.C., Donaldson, J.S., Duckworth, J.W., Dutson, G., Dutta, S.K., Emslie, R.H., Farjon, A., Fowler, S., Freyhof, J., Garshelis, D.L., Gerlach, J., Gower, D.J., Grant, T.D., Hammerson, G.A., Harris, R.B., Heaney,

- L.R., Hedges, S.B., Hero, J.-M., Hughes, B., Hussain, S.A., Icochea M., J., Inger, R.F., Ishii, N., Iskandar, D.T., Jenkins, R.K.B., Kaneko, Y., Kottelat, M., Kovacs, K.M., Kuzmin, S.L., La Marca, E., Lamoreux, J.F., Lau, M.W.N., Lavilla, E.O., Leus, K., Lewison, R.L., Lichtenstein, G., Livingstone, S.R., Lukischek, V., Mallon, D.P., McGowan, P.J.K., McIvor, A., Moehlman, P.D., Molur, S., Muñoz Alonso, A., Musick, J.A., Nowell, K., Nussbaum, R.A., Olech, S., Orlov, N.L., Papenfuss, T.J., Parra-Olea, G., Perrin, W.F., Polidoro, B.A., Pourkazemi, M., Racey, P.A., Ragle, J.S., Ram, M., Rathbun, G., Reynolds, R.P., Rhodin, A.G.J., Richards, S.J., Rodriguez, L.O., Ron, S.R., Rondinini, C., Rylands, A.B., de Mitcheson, Y.S., Csanciangco, J.C., Sanfers, K.L., Santos-Barrera, G., Schipper, J., Self-Sullivan, C., Shi, Yichuan, Shoemaker, A., Short, F.T., Sillero-Zubiri, C., Silvano, D.L., Smith, K.G., Smith, A.T., Snoeks, J., Stattersfield, A.J., Symes, A.J., Taber, A.B., Talukdar, B.K., Temple, H.J., Timmins, R., Tobias, J.A., Tsytsulina, K., Tweddle, D., Ubeda, C., Valenti, S.V., van Dijk, P.P., Veiga, L.M., Veloso, A., Wege, D.C., Wilkinson, M., Williamson, E.A., Xie, F., Young, B.E., Akçakaya, H.R., Bennun, L., Blackburn, T.M., Boitani, L., Dublin, H.T., da Fonseca, G.A.B., Gascon, C., Lacher, T.E., Jr., Mace, G.M., Mainka, S.A., McNeely, J.A., Mittermeier, R.A., McGregor Reid, G., Rodriguez, J.P., Rosenberg, A.A., Samways, M.J., Smart, J., Stein, B.A., Stuart, S.N. 2010. The impact of conservation on the status of the world's vertebrates. *Science*, 330(6010): 1503–1509
- Holdsworth, A.R. & Uhl, C. 1997. Fire in Amazonian selectively logged rain forest and the potential for fire reduction. *Ecological Applications*, 7: 713–725.
- Holt, E.A., McCune, B & Neitlich, P. 2008. Grazing and fire impacts on macrolichen communities of the Seward Peninsula, Alaska, U.S.A. *The Bryologist*, 3(1): 68–83
- Hove, H., Parry, J.-E., & Lujara, N. 2011. Maintenance of hydropower potential in Rwanda through ecosystem restoration. World Resources Report case study. Washington, DC, IISD Publications Centre. (also available at www.iisd.org/pdf/2011/maintenance_hydro_rwanda.pdf).
- Hunter, Jr., M., Dinerstein, E., Hoekstra, J. & Lindenmayer, D. 2010. A call to action for conserving biological diversity in the face of climate change. *Conservation Biology*, 24(5): 1169–1171
- IFAD. 2009. Case study from Kenya – Mount Kenya East Pilot Project for Natural Resources Management: increasing the resilience of the ecosystem to human and natural stresses. *IFAD's response to climate change through support to adaptation and related actions. Comprehensive report: final version*, pp. 118–122. Rome. 154 pp. (available at www.ifad.org/climate/resources/adaptation.pdf).
- International Gorilla Conservation Programme. 2010. Census confirms increase in population of the critically endangered Virunga mountain gorillas. *International Gorilla Conservation Programme*. (available at www.igcp.org/2010-mountain-gorilla-census/).
- IPCC. 2007. Summary for policymakers. In Solomon, S., Qin, D., Manning, M., Chen, Z., Marquis, M., Averyt, K.B., Tignor, M. & Miller, H.L., eds. *Climate change 2007: the physical science basis. Contribution of Working Group 1 to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, pp. 1–18.

- Cambridge, Cambridge University Press, UK. 996 pp. (also available at www.ipcc.ch/publications_and_data/publications_ipcc_fourth_assessment_report_wg1_report_the_physical_science_basis.htm).
- IUCN/SSC Canid Specialist Group.** 1997. *African wild dog status survey and action plan*. Gland, Switzerland, and Cambridge, UK. 166 pp. (also available at www.canids.org/PUBLICAT/AWDACTPL/african_wild_dog_AP.pdf)
- IUCN/SSC Re-introduction Specialist Group.** 1998. *IUCN Guidelines for re-introductions*. Gland, Switzerland, and Cambridge, UK. 11 pp. (also available at www.iucnsscrsg.org/download/English.pdf).
- IUCN/SSC Primate Specialists Group.** 2008. IUCN Red List 2008: A new assessment of endangered primates. (available at www.primatesg.org/redlist08.htm).
- Joly, K., Bente, P. & Dau, J.** 2007. Response of overwintering caribou to burned habitat in northwest Alaska. *Arctic*, 60(4): 401–410.
- Jones, K.E., Patel, N.G., Levy, M.A., Storeygard, A., Balk, D. & Gittleman, J.L.** 2008. Global trends in emerging infectious disease. *Nature*, 451: 990–994.
- Kagire, E.** 2010. Rwanda: nation received Green Globe Award. *The New Times*, 29 October 2010. (available at www.newtimes.co.rw/index.php?issue=14428&article=35144).
- Kalowekamo, F.** 2000. *Crocodile and hippopotamus management in the Lower Shire*. Malawi, COMPASS. 31 pp. (available at pdf.usaid.gov/pdf_docs/PNADB173.pdf).
- Karl, T.R., Melillo, J.M. & Peterson, T.C., eds.** 2009. *Global climate change impacts in the United States*. Cambridge, UK, Cambridge University Press. 191 pp. (also available at www.globalchange.gov/publications/reports/scientific-assessments/us-impacts/full-report).
- Kameniev, M.** 2010. A year after fires, Australia debates what went wrong. *Time*, 7 February 2010. (available at www.time.com/time/world/article/0,8599,1959010,00.html).
- Kelly, K.W.** 1980. Stress and immune function: a bibliographic review. *Annales de Recherches Veterinaires*, 11(4): 445–478.
- Kenya Wildlife Service.** 2010. Mount Kenya National Park/Natural Forest/ Lewa Wildlife Conservancy (extension). (available at whc.unesco.org/en/tentativelists/5510/).
- Kenya Wildlife Service, African Conservation Centre, Amboseli Conservation Program.** 2010. The impact of the 2009 drought on wildlife, livestock and tourism: Recommendations for ecosystem restoration. Proceedings of the Amboseli Ecosystem workshop. (also available at www.conservationafrica.org/en/resources/downloads.html?task=finish&cid=3&catid=1).
- Kettunen, M., Genovesi, P., Gollasch, S., Pagad, S., Starfinger, U., ten Brink, P., Shine, C.** 2009. *Technical support to EU Strategy on Invasive Alien Species (IAS): assessment of the impacts of IAS in Europe and the EU*. Brussels, Institute for European Environmental Policy (IEEP). 44 pp. (available at ec.europa.eu/environment/nature/invasivealien/docs/Kettunen2009_IAS_Task%201.pdf).
- Kleine, M., Buck, A. & Eastaugh, C., eds.** 2010. *Making African forests fit for climate change. A regional view of climate-change impacts on forests and people, and options for adaptation*. Vienna, IUFRO Headquarters. 40 pp.

- Kofron, C.P. & Chapman, A. 2006. Causes of mortality to the endangered Southern cassowary *Casuarius casuarius johnsonii* in Queensland, Australia. *Pacific Conservation Biology*, 12: 175–179.
- Koné, I., Lambert, J.E., Refisch, J. & Bakayoko, A. 2008. Primate seed dispersal and its potential role in maintaining useful tree species in the Taï region, Côte-d'Ivoire: implications for the conservation of forest fragments. *Tropical Conservation Science*, 1(3): 293–306. (also available at tropicalconservationscience.mongabay.com/content/v1/08-09-15-Kone_et_al_293-306_2008.html).
- Kulkarni, A.V., Bahuguna, I.M., Rathore, B.P., Singh, S.K., Randhawa, S.S., Sood, R.K. & Dhar, S. 2007. Glacial retreat in Himalaya using Indian Remote Sensing satellite data. *Current Science*, 92(1): 69–74
- La Sorte, F.A. & Jetz, W. 2010. Avian distributions under climate change: towards improved projections. *The Journal of Experimental Biology*, 231: 862–869
- Laaksonen, T., Ahola, M., Eeva, T., Vaisanen, R.A. & Lehtikoinen, E. 2006. Climate change, migratory connectivity and changes in laying date and clutch size of the pied flycatcher. *Oikos*, 114(2): 277–290.
- Lamarque F., Anderson, J., Fergusson, R., Lagrange, M., Osei-Owusu, Y., Bakker, L. 2009. Human-wildlife conflicts in Africa: causes, consequences and management strategies. *FAO Forestry Paper* No. 157. Rome. (also available at www.fao.org/docrep/012/i1048e/i1048e00.htm.)
- Lawler, J.J. 2009. Climate change adaptation strategies for resource management and conservation planning. *Ann. NY Acad. Sci.*, 1162(1): 79–98
- Lehmann, J., Korstjens, A.H. & Dunbar, R.I.M. 2010. Apes in a changing world – the effects of global warming on the behaviour and distribution of African apes. *Journal of Biogeography*, 37(12): 2217–2231.
- Leroy, E.M., Epelboin, A., Mondonge, V., Pourrut, X., Gonzalez, J.-P., Muyembe-Tamfum, J.-J. & Formenty, P. 2009. Human Ebola outbreak resulting from direct exposure to fruit bats in Luebo, Democratic Republic of Congo, 2007. *Vector-borne and Zoonotic Diseases*, 9(6): 723–728.
- Lewis, S., Brando, P.M., Phillips, O.L., van der Heijden, G.M.F. & Nepstad, D. 2011. The 2010 Amazon Drought. *Science*, 331(6017): 554
- Lillis, J. 2011. Kazakhstan: hundreds of rare saiga antelopes found dead. *Eurasianet*, 31 May 2011. (available at www.eurasianet.org/node/63582).
- Liu, Y.Q. 2004. Variability of wildland fire emissions across the contiguous United States. *Atmospheric Environment* 38: 3489–3499.
- Loose, E. 2009a. Worst drought in 26 years threatens the survival of the last desert elephants in West Africa. *The WILD Foundation*, 20 May 2009. (available at www.wild.org/blog/worst-drought-in-26-years-threatens-the-survival-of-the-last-desert-elephants).
- Loose, E. 2009b. Update on drought and the elephants in Mali. *The WILD Foundation*, 23 June 2009. (available at www.wild.org/blog/update-on-drought-the-elephants-in-mali).
- Loucks, C., Barber-Meyer, S., Hossain, A.A., Barlow, A., Chowdhury, R.M. 2010. Sea level rise and tigers: predicted impacts to Bangladesh's Sundarbans mangroves. *Climatic Change*, 98:291–298.

- Lowe, S.J., Browne, M., Boudjelas, S. & De Poorter, M.** 2000. *100 of the world's worst invasive alien species: a selection from the Global Invasive Species Database*. Auckland, New Zealand, IUCN/SSC Invasive Species Specialist Group (ISSG). 12 pp (also available at www.issg.org/database/species/reference_files/100English.pdf).
- Lundervold, M.** 2001. Infectious diseases of saiga antelopes and domestic livestock in Kazakhstan. London, Imperial College. 254 pp. (also available at www.iccs.org.uk/papers/lundervold-thesis.pdf). (PhD thesis)
- Macmynowski, D.P., Root, T.L., Ballard, G. & Geupel, G.R.** 2007. Changes in spring arrival of Nearctic-Neotropical migrants attributed to multiscalar climate. *Global Change Biology*, 13(11): 2239–2251.
- Makihara, H., Kinuura, H., Yahiro, K. & Soeyamto, C.** 2000. The effects of droughts and fires on Coleopteran insects in lowland dipterocarp forests in Bukit Soeharto, East Kalimantan. In Caldwell, M.M., Heldmaier, G., Lange, O.L., Mooney, H.A., Schulze, E.-D. & Sommer, U., eds. Rainforest ecosystems of East Kalimantan. *Ecological Studies*, 140(3): 153–163.
- Malcolm, J.R. & Markham, A.** (2000) *Global warming and terrestrial biodiversity decline*. Gland, Switzerland: WWF-World Wide Fund for Nature. 34 pp. (also available at www.wwf.panda.org/?2143/Speed-Kills-Rates-of-Climate-Change-are-Threatening-Biodiversity).
- Mangroves for the Future Secretariat.** 2010. Mangroves for the Future. (available at www.mangrovesforthefuture.org).
- Mansourian, S., Vallauri, D. & Dudley, N.** eds. 2005. *Forest restoration in landscapes: beyond planting trees*. New York, USA, Springer. 465 pp.
- Maynard, R.** 2011. Cyclone puts cassowary in greater peril. *The Independent*, 27 February 2011. (available at www.independent.co.uk/environment/nature/cyclone-puts-cassowary-in-greater-peril-2226790.html).
- McGeoch, M.A., Butchart, S.H.M., Spear, D., Marais, E., Kleynhans, E.J., Symes, A., Chanson, J. & Hoffmann, M.** 2010. Global indicators of biological invasion: species numbers, biodiversity impact and policy responses. *Diversity and Distributions*, 16(1): 95–108.
- Menne, B, Kunzli, N. & Bertollini, R.** 2002. The health impacts of climate change and variability in developing countries. *International Journal of Global Environmental Issues*, 2(3/4): 181–205.
- Merlo, M. & Croitoru, L.,** eds. 2005. *Valuing Mediterranean forests: towards total economic value*. Wallingford, UK/Cambridge, USA, CABI International. 448 pp.
- Michener, W.K, Blood, E.R., Bildstein, K.L., Brinson, M.M. & Gardner, L.R.** 1997. Climate change, hurricanes and tropical storms, and rising sea level in coastal wetlands. *Ecological Applications*, 7(3): 770–801.
- Miller, M.** 2007. The San Diego Declaration on Climate Change and Fire Management. *4th International Wildland Fire Conference*, Thematic Session 1. (available at www.fire.uni-freiburg.de/sevilla-2007/contributions/doc/cd/SESIONES_TEMATICAS/ST1/Miller_USA.pdf).
- Morens, D.M., Folkers, G.K., Fauci, A.S.** 2004. The challenge of emerging and re-emerging infectious diseases. *Nature*, 430(6996): 242–249.

- Mote, P.W., Hamlet, A.F., Clark, M.P. & Lettenmaier, D.P.** 2005. Declining mountain snowpack in western North America. *Bulletin of the American Meteorological Society*, 86(1): 39–49
- Munson, L., Terio, K.A., Kock, R., Mlengeya, T., Roelke, M.E., Dubovi, E., Summers, B., Sinclair, A.R.E., Packer, C.** 2008. Climate extremes promote fatal co-infections during canine distemper epidemics in African lions. *PLoS ONE*, 3(6): e2545.
- Myers, R.L.** 2006. *Living with fire – sustaining ecosystem and livelihoods through integrated fire management*. Tallahassee, USA, The Nature Conservancy, Global Fire Initiative. 29 pp. (also available at www.nature.org/ourinitiatives/habitats/forests/howwework/integrated_fire_management_myers_2006.pdf).
- National Bureau of Statistics.** 2006. *2002 Population and housing census: analytical report*. Dar es Salaam, Ministry of Planning, Economy and Empowerment. 193 pp. (also available at www.nbs.go.tz/pdf/2002popcensus.pdf).
- National Meteorological Agency.** 2007. *Climate change National Adaptation Programme of Action (NAPA) of Ethiopia*. Addis Ababa, National Meteorological Agency. 85 pp. (also available at unfccc.int/resource/docs/napa/eth01.pdf).
- Nellemann, C. & Corcoran, E., eds.** 2010. *Dead planet, living planet – biodiversity and ecosystem restoration for sustainable development. A rapid response assessment*. Norway, United Nations Environment Programme, GRID-Arendal. 111 pp. (also available at www.unep.org/pdf/RRAecosystems_screen.pdf).
- Nepstad, D., Carvalho, G., Barros, A.C., Alencar, A., Capobianco, J.P., Bishop, J., Mountinho, P., Lefebvre, P., Lopes Silva, U. & Prins, E.** 2001. Road paving, fire regime feedbacks and the future of Amazon forests. *Forest Ecology and Management*, 154: 395–407.
- Neumann-Denzau, G. & Denzau, H.** 2010. Examining the extent of human-tiger conflict in the Sundarbans Forest, Bangladesh. *Tiger Paper*, 37(2): 4–7.
- New Scientist.** 2008. Climate change is driving increase in tiger attacks. *New Scientist*. (available at www.newscientist.com/article/dn15000-climate-change-is-driving-increase-in-tiger-attacks.html).
- Newman, S.H.** 2011. *Where wildlife and humans intersect: environmental monitoring*. Argos Forum #71. Ramonville, France, CLS. (also available at www.argos-system.org/documents/publications/newsletter/anl_71.pdf).
- Newman, S.H., Slingenbergh, J. & Lubroth, J.** 2010. One health – one destiny: appreciating the connectivity of health among ecosystems, wildlife, livestock and people. *Unasylva*, 61(236): 11. (also available at www.fao.org/docrep/013/i1758e/i1758e03.pdf).
- Nicholls, R.J.** 2006. Storm surges in coastal areas. In Arnold, M., Chen, R.S., Deichmann, U., Dille, M., Lerner-Lam, A.L., Pullen, R.E., Trohanis, Z., eds. *Natural disaster hotspots: case studies. Disaster risk management series No. 6*, pp. 79–108. Washington, DC, The World Bank. 204 pp. (also available at siteresources.worldbank.org/INTDISMGMT/Resources/0821363328.pdf).
- Noble, I.R. & Slatyer, R.O.** 1980. The use of vital attributes to predict successional changes in plant communities subject to recurrent disturbances. *Vegetatio*, 43(1/2): 5–21.

- Noble, I.R. & Slatyer, R.O. 1981. Concepts and models of succession in vascular plant communities subject to recurrent fires. In Gill, A.M., Goves, R.H., & Noble, I.R., eds. *Fire and the Australian biota*, pp. 311–335. Canberra, Australia, Australian Academy of Science. 582 pp.
- North American Bird Conservation Initiative & US Committee. 2010. *The state of the birds: 2010 report on climate change, United States of America*. Washington, DC, USA. Department of the Interior. (also available at www.stateofthebirds.org/2010/pdf_files/State%20of%20the%20Birds_FINAL.pdf).
- Nosberger, J., Blum, H. & Fuhrer, J. 2000. Crop ecosystem responses to climatic change: productive grasslands. In Reddy, K.R. & Hodges, H.F., eds. *Climate change and global crop productivity*, pp. 271–291. Wallingford, UK, CAB International. 488 pp.
- Noss, R.F. 2001. Beyond Kyoto: forest management in a time of rapid climate change. *Conservation Biology*, 15:578–590.
- Nouri, J., Sharifipour, R., & Babaei, A. A. 2006. Ecological capability of land use planning for rural development. *Online Journal of Biological Sciences*, 6(1): 35–39.
- Ogutu, J.O., Piepho H.-P., Dublin, H.T., Bhola, N. & Reid, R.S. 2008. Rainfall influences on ungulate population abundance in the Mara-Serengeti ecosystem. *Journal of Animal Ecology*, 77: 814–829.
- Omar, S. & Roy, W.Y. 2010. Biodiversity and climate change in Kuwait. *International Journal of Climate Change Strategies and Management*, 2(1): 68–83
- Omi, P.N. 2007. Fuel treatments to prevent and manage wildfires. *4th International Wildland Fire Conference*, Thematic Session 3. (available at www.fire.uni-freiburg.de/sevilla-2007/contributions/doc/cd/INTRODUCTORIAS_ST/Omi_ST3.pdf).
- Ortiz-Santaliestra, M.E., Fisher, M.C., Fernández-Beaskoetxea, S., Fernández-Benítez, M.J., & Bosch, J. 2011. Ambient ultraviolet B radiation and prevalence of infection by *Batrachochytrium dendrobatidis* in two amphibian species. *Conservation Biology*.
- Osman-Elasha, B., Goutbi, N., Spanger-Siegfried, E., Dougherty, B., Hanafi, A., Zakieldeed, S., Sanjak, A., Atti, H.A. & Elhassan, H.M. 2006. Adaptation strategies to increase human resilience against climate variability and change: lessons from the arid regions of Sudan. *AIACC Working Paper*, 42.
- Otterstrom, S. M & Schwartz, M.W. 2006. Responses of fire in selected tropical dry forest trees. *Biotropica*, 38: 592–598.
- Ottichilo, W.K., de Leew, J., Skidmore, A., Prins, H.H.T. & Said, M.Y. 2000. Population trends of large non-migratory wild herbivores and livestock in the Masai Mara ecosystem, Kenya, between 1977 and 1997. *African Journal of Ecology*, 38: 202–216.
- Page, S.E., Morrison, R., Malins, C., Hooijer, A., Rieley, J.O. & Jauhiainen, J. 2011. *Review of peat surface greenhouse gas emissions from oil palm plantations in Southeast Asia (ICCT White Paper 15)*. Washington, DC, International Council on Clean Transportation. 77 pp. (also available at www.theicct.org/pubs/ICCT_Peat-Emissions_Sept2011.pdf).

- Panzacchi, M., Cocchi, R., Genovesi, P. & Bertolino, S. 2007. Population control of coypu *Myocastor coypus* in Italy compared to eradication in UK: a cost-benefit analysis. *Wildlife Biology*, 13:159–171. (also available at www.wildlifebiology.com/Downloads/Article/630/En/panzacchi%20et%20al.pdf).
- Parish, F., Sirin, A., Charman, D., Jooster, H., Minayeva, T. & Silviu, M., eds. 2007. *Assessment on peatlands, biodiversity and climate change*. Kuala Lumpur, Global Environment Centre & Wageningen, The Netherlands, Wetlands International. 179 pp. (also available at www.imcg.net/media/download_gallery/books/assessment_peatland.pdf).
- Parmesan, C., Ryrholm, N., Stefanescu, C., Hill, J.K., Thomas, C.D., Descimon, H., Huntley, B., Kaila, L., Kullberg, J., Tammaru, T., Tennent, W.J., Thomas, J.A. & Warren, M. 1999. Poleward shifts in geographical ranges of butterfly species associated with regional warming. *Nature*, 399(6736):579–583.
- Parmesan, C. 2006. Ecological and evolutionary responses to recent climate change. *Annual Review of Ecology, Evolution and Systematics*, 37: 637–669
- Parmesan, C. 2007. Influences of species, latitudes and methodologies on estimates of phenological response to global warming. *Global Change Biology*, 13: 1860–1872.
- Parry, M.L., Canziani, O.F., Palutikof, J.P., van der Linden, P.J. & Hanson, C.E., eds. 2007. *Climate change 2007: impacts, adaptation, and vulnerability*. Cambridge, UK, Cambridge University Press. 976 pp. (also available at www.ipcc.ch/publications_and_data/publications_ipcc_fourth_assessment_report_wg2_report_impacts_adaptation_and_vulnerability.htm).
- Parton, W.J., Scurlock, J.M.O., Ojima, D.S., Schimel, D.S., Hall, D.O. & Scopegram Group Members. 1995. Impact of climate-change on grassland production and soil carbon worldwide. *Global Change Biology*, 1(1): 13–22.
- Paolillo, K. 2011. History of the Turgew Hippo Trust: the Turgwe Hippo Trust. (available at www.savethehippos.com/turgwehistory.html#trust).
- Pauli, H., Gottfried, M. & Grabherr, G. 2003. Effects of climate change on the Alpine and nival vegetation of the Alps. *Journal of Mountain Ecology*, 7: 9–12.
- Peel, M.C., Finlayson, B.L. & McMahon, T.A. 2007. Updated world map of the Köppen-Geiger climate classification. *Hydrology and Earth System Sciences*, 11: 1633–1644.
- Pereira, J.S., Correia, A.V. & Joffre, R. 2009. Facing climate change. Aronson, J., Pereira, J.S. & Pausas, J.G., eds. *Cork oak woodlands on the edge: ecology, adaptive management, and restoration*, pp. 219–227. Washington, DC, Island Press. 315 pp.
- Perry, D.A. 1994. *Forest ecosystems*. Baltimore, The John Hopkins University Press. 649 pp.
- Phillips, O.L., Aragão, L.E.O.C., Lewis, S.L., Fisher, J.B., Lloyd, J., López-González, G., Malhi, Y., Monteagudo, A., Peacock, J., Quesada, C.A., van der Heijden, G., Almeida, S., Amaral, I., Arroyo, L., Aymard, G., Baker, T.R., Bánki, O., Blanc, L., Bonal, D., Brando, P., Chave, J., Alves de Oliveira, A.C., Dávila Cardozo, N., Czimczik, C., Feldpausch, T.R., Freitas, M.A., Gloor, E., Higuchi, N., Jiménez, E., Lloyd, G., Meir, P., Mendoza, C., Morel, A., Neill, D.A., Nepstad, D., Patiño, S., Peñuela, M.C., Prieto, A., Ramírez, F., Schwarz, M., Silva, J., Silveira, M., Sota Thomas, A., ter Steege, H., Stropp, J., Vásquez, R., Zelazowski, P., Alvarez

- Dávila, E., Andelman, S., Andrade, A., Chao, K.-J., Erwin, T., Di Fiore, A., Honorio C., E., Keeling, H., Killeen, T.J., Laurance, W.F., Peña Cruz, A., Pitman, M.C.A., Núñez Vargas, P., Ramírez-Angulo, H., Rudas, A., Salamão, R., Silva, N., Terborgh, J. & Torres-Lezama, A. 2009. Drought sensitivity of the Amazon rainforest. *Science*, 323(5919): 1344–1347.
- Phillips, O.L., van der Heijden, G., Lewis, S.L., López-González, G., Aragão, L.E.O.C., Lloyd, J., Malhi, Y., Monteagudo, Almeida, S., Alvarez Dávila, E., Amaral, I., Andelman, S., Andrade, A., Arroyo, L., Aymard, G., Baker, T.R., Blanc, L., Bonal, D., Alves de Oliveira, A.C., Chao, K.-J., Dávila Cardozo, N., da Costa, L., Feldpausch, T.R., Fisher, J.B., Fyllas, N.M., Freitas, A.M., Galbraith, D., Gloor, E., Higuchi, N., Honorio, E., Jiménez, E., Keeling, H., Killeen, T.J., Lovett, J.C., Meir, P., Mendoza, C., Morel, A., Núñez Vargas, P., Patiño, S., Peh, K.S.-H., Peña Cruz, A., Prieto, A., Quesada, C.A., Ramírez, F., Ramírez, H., Rudas, A., Salamão, R., Schwarz, M., Silva, J., Silveira, M., Slik, J.W.F., Sonké, B., Sota Thomas, A., Stropp, J., Taplin, J.R.D., Vásquez, R. & Vilanova, E. 2010. Drought-mortality relationships for tropical forests. *New Phytologist*, 187: 631–646.
- Pielke, R.A., Sr. 2005. Land use as climate changes. *Science*, 310(5754): 1625–1626.
- Pimentel, D. 2002. Non-native invasive species of arthropods and plant pathogens in the British Isles. In Pimentel, D., ed. *Biological invasions: economic and environmental costs of alien plant, animal, and microbe species*, pp. 151–155. New York, USA, CRC Press LLC. 384 pp.
- Pimental, C., Calvão, T. & Ayres, M.P. 2011. Impact of climatic variation on populations of pine processionary moth *Thaumetopoea pityocampa* in a core area of its distribution. *Agricultural and Forest Entomology*, 13: 273–281.
- Piñol, J., Beven, K. & Viegas, D.X. 2005. Modelling the effects of fire exclusion and prescribed fire on wildfire size in Mediterranean ecosystems. *Ecological Modelling*, 183: 397–409.
- Pollet, J., & Omi, P.N. 2002. Effect of thinning and prescribed burning on crown fire severity in ponderosa pine forests. *International Journal of Wildland Fire*, 11:1–10
- Pounds, J.A. 1997. Golden toads, null models and climate change. *Froglog, Newsletter of the Declining Amphibian Populations Task Force of the World Conservation Union's Species Survival Commission*, 23: 1–2.
- Pounds, J.A. 2001. Climate and amphibian declines. *Nature*, 410(6829): 639–640
- Pounds, J.A., Bustamante, M.R., Coloma, L.A., Consuegra, J.A., Fogden, M.P.L., Foster, P.N., La Marca, E., Masters, K.L., Merino-Viteri, A., Puschendorf, R., Ron, S.R., Sánchez-Azofeifa, G.A., Still, C.J. & Young, B.E. 2006. Widespread amphibian extinctions from epidemic disease driven by global warming. *Nature*, 439: 161–167.
- Pounds, J.A., Fogden, M.P.L. & Campbell, J.H. 1999. Biological response to climate change on a tropical mountain. *Nature*, 398(6728): 611–615.
- Rainforest Rescue. 2011. Cyclone Yasi hits Mission Beach cassowary population. *Rainforest Rescue*, 10 February 2011. (available at www.rainforestrescue.org.au/blog/2011/02/10/cyclone-yasi-hits-mission-beach-cassowary-population/).

- Rakovich, V.A. & Bambalov, N.N. (in press). *Methodology for measuring the release and sequestration of carbon from degraded peatlands.*
- Reiter, P. 2001. Climate change and mosquito-borne disease. *Environmental Health Perspectives*, 109(1): 141–161.
- Reinhardt, F., Herle, M., Bastiansen, F., Streit, B. 2003. *Economic impact of the spread of alien species in Germany.* Berlin, Federal Environmental Agency. 190 pp.
- Republic of Kenya. 2002. *First national communication of Kenya to the Conference of the Parties to the United Nations Framework Convention on Climate Change (UNFCCC).* Nairobi, National Environment Secretariat, Ministry of Environment and Natural Resources. 155 pp. (also available at unfccc.int/resource/docs/natc/kennc1.pdf).
- Robinet, C., Baier, P., Pennerstorfer, J., Schopf, A. & Roques, A. 2007. Modelling the effects of climate change on the potential feeding activity of *Thaumetopoea pityocampa* (Den. & Schiff.) (Lep., Notodontidae) in France. *Global Ecology and Biogeography*, 16: 460–471.
- Rosenfeld, D. 1999. Indonesia. In Glover, D & Jessup, T., eds. *Indonesia's fire and haze: the cost of catastrophe*, pp. 86–129. Ottawa, Canada, International Development Research Centre & Paris Panjan, Singapore, Institute of Southeast Asian Studies. 168 pp.
- Roveta, R.J. 2008. Resilience to climate change in Patagonia, Argentina. *Gatekeeper Series*, 140. London, IIED. (also available at pubs.iied.org/pdfs/14576IIED.pdf).
- Rowe, J.S. 1983. Concepts of fire effects on plant individuals and species. In Wein, R.W. & MacLean, D.A., eds. *The role of fire in northern circumpolar ecosystems*, pp. 135–154. New York, USA, John Wiley and Sons Inc. 344 pp.
- Rupp, T.S., Olson, M., Adams, L.G., Dale, B.W., Joly, K., Henkelman, J., Collins, W.B. & Starfield, A.M. 2006. Simulating the influences of various fire regimes on caribou winter habitat. *Ecological Applications*, 16(5): 1730–1743.
- Ryan, K. C. 2002. Dynamic interactions between forest structure and fire behavior in boreal ecosystems. *Silva Fennica*, 36(1): 13–39.
- Sabine, C. L., Heimann, M., Artaxo, P., Bakker, D.C.E., Chen, C.T.A., Field, C.B., Gruber, N., Le Queré, C., Prinn, R.G., Richey, J.E., Romero Lankao, P., Sathaye, J.A. & Valentini, R. 2004. Current status and past trends of the global carbon cycle. In Field, C.B. & Raupach, M.R., eds. *The global carbon cycle: integrating humans, climate and the natural world.* Washington, DC, Island Press.
- SADC & FEWSNET. 2006. Thousands displaced by flooding in Southern Malawi. *Regional Flood Watch*, 1. (available at www.wamis.org/countries/sadc/sadcflood200601.pdf).
- Saino, N. & Ambrosini, R. 2008. Climatic connectivity between Africa and Europe may serve as a basis for phenotypic adjustment of migration schedules of trans-Saharan migratory birds. *Global Change Biology*, 14: 250–263.
- Salati E. & Vose, P.B. 1984. Amazon basin: a system in equilibrium. *Science*, 225(4658): 129–138.
- Schultz, M.G., Heil, A. Hoelzemann, J.J., Spessa, A., Thonicke, K., Goldammer, J.G. Held, A.C., Pereira, J.M.C. & van het Bolscher, M. 2008. Global wildland fire emissions from 1960 to 2000. *Global Biogeochemical Cycles*, 22.

- Secretariat of the Convention on Biological Diversity. 2010. *Global Biodiversity Outlook 3 (GBO-3)*. Montreal, Canada, Secretariat of the Convention on Biological Diversity. (also available at www.cbd.int/GBO3/).
- Semu-Banda, P. 2007. Crocodiles make fetching water a life threatening experience. *Inter Press Service News Agency*, 24 December 2007. (available at ipsnews.net/news.asp?idnews=40589).
- Seppälä, R., Buck, A. & Katila, P., eds. 2009. Adaptation of forests and people to climate change: a global assessment report. *IUFRO World Series*, 22. Helsinki, International Union of Forest Research Organizations.
- Sillett, T.S., Holmes, R.T. & Sherry, T.W. 2000. Impacts of a global climate cycle on population dynamics of a migratory songbird. *Science*, 288(5473): 2040–2042.
- Smith, S.D., Huxman, T.E., Zitzer, S.F., Charlet, T.N., Housman, D.C., Coleman, J.S., Fenstermaker, L.K., Seemann, J.R. & Nowak, R.S. 2000. Elevated CO₂ increases productivity and invasive species success in an arid ecosystem. *Nature*, 408(6808): 79–82.
- Snook, L.K. 1993. Stand dynamics of mahogany (*Swietenia macrophylla* King) and associated species after fire and hurricane in the tropical forests of the Yucatan Peninsula, Mexico. New Haven, USA, Yale University. (PhD thesis)
- Stastny, M., Battisti, A., Petrucco-Toffolo, E., Schlyter, F. & Larsson, S. 2006. Host-plant use in the range expansion of the pine processionary moth, *Thaumetopoea pityocampa*. *Ecological Entomology*, 31: 481–490.
- Steffen, W., Burbridge, A.A., Hughes, L., Kitching, R., Lindenmayer, D., Musgrave, W., Stafford Smith, M. & Werner, P.A. 2009. *Australia's biodiversity and climate change: a strategic assessment of the vulnerability of Australia's biodiversity to climate change. A report to the Natural Resource Management Ministerial Council commissioned by the Australian Government*. Collingwood, Australia, CSIRO Publishing. (also available at [www.climatechange.gov.au/publications/biodiversity/~media/publications/biodiversity/biodiversity-vulnerability-assessment-lowres.ashx](http://www.climatechange.gov.au/publications/biodiversity/~/media/publications/biodiversity/biodiversity-vulnerability-assessment-lowres.ashx)).
- Stevenson, D., Ritchie, C., Vinnedge, J., Brade, B. & Arthur, B. 2003. *Mountain caribou ungulate winter range (UWR) report (U-7-003): Omineca region*. 100 Mile House, Ministry of Water, Land and Air Protection. 32 pp. (also available at www.env.gov.bc.ca/omineca/documents/U-7-003.pdf).
- Stocks, B.J. 1991. The extent and impact of forest fires in northern circumpolar countries. In Levine, J.S., ed. *Global biomass burning: atmospheric, climatic, and biospheric implications*, pp. 197–202. Cambridge, USA, MIT Press. 599 pp.
- Stolton, S. & Dudley, N., eds. 2010. *Arguments for protected areas: multiple benefits for conservation and use*. London, Earthscan Books. 296 pp.
- Struzik, E. 2011. Warming Arctic brings invasion of southern species. 2011. *Yale Environment 360*. (also available at www.guardian.co.uk/environment/2011/feb/14/warming-arctic-southern-species).
- Sundt, N. 2010. Another extreme drought hits the Amazon and raises climate change concerns. *WWF Climate Blog*, 23 November 2010. (available at www.wwfblogs.org/climate/content/drought-amazon-october2010).

- Svejcar, T., Angell, R., Bradford, J., Dugas, W., Emmerich, W., Frank, A.B., Gilmanov, T., Haferkamp, M., Johnson, D.A., Mayeux, H., Mielnick, P., Morgan, J., Saliendra, N.Z., Schuman, G.E., Sims, P.L. & Snyder, K. 2008. Carbon fluxes on North American rangelands. *Rangeland Ecology and Management*, 61(5): 465–474.
- Takekawa, J.Y., Heath, S.R., Douglas, D.V., Perry, W.M., Javed, S., Newman, S.H., Suwal, R.N., Rahmani, A.R., Choudhury, B.C., Prosser, D.J., Yan, B., Hou, Y., Batbayar, N., Natsagdorj, T., Bishop, C.M., Butler, P.J., Frappell, P.B., Milson, W.K., Scott, G.R., Hawkes, L.A. & Wikelski, M. 2009. Geographic variation in bar-headed geese *Anser indicus*: connectivity of wintering areas and breeding grounds across a broad front. *Winterfowl*, 59: 100–123
- Taylor, L.H., Latham, S.M., Woolhouse, M.E. 2001. Risk factors for human disease emergence. *Phil. Trans. R. Soc. B.*, 356: 983–989.
- Telegraph Media Group Limited. 2010. Saiga antelope population drops by 15 percent due to disease. *The Telegraph*, 23 August 2011. (available at www.telegraph.co.uk/news/worldnews/asia/kazakhstan/7779374/Saiga-antelope-population-drops-by-15-per-cent-due-to-disease.html).
- Tenthani, R. 2001. Malawi curbs crocodile menace. *BBC News*, 7 February 2001. (available at news.bbc.co.uk/2/hi/africa/1158435.stm).
- Thévenot, M., Vernon, R., & Bergier, P. 2003. *The birds of Morocco. BOU Check-list No. 20*, Peterborough, UK, British Ornithologists' Union. 594 pp.
- Thinlay, X., Finckh, M.R., Bordeos, A.C., Zeigler, R.S. 2000. Effects and possible causes of an unprecedented rice blast epidemic on the traditional farming system of Bhutan. *Agriculture, Ecosystems & Environment*, 78(3): 237–248
- Thomas, D.C. 1998. Fire-caribou relationships: (VII) Fire management on winter range of the Beverly herd: final conclusions and recommendations. *Technical Report Series*, 315. Alberta, Canada, Canadian Wildlife Service (Prairie & Northern Region). 100 pp.
- Thomas, C.D., Cameron, A., Green, R.E., Bakkenes, M., Beaumont, L.J., Collingham, Y.C., Erasmus, B.F.N., Ferreira de Siqueira, M., Grainger, A., Hannah, L., Hughes, L., Huntley, B., van Jaarsveld, A.S., Midgley, G.F., Miles, L., Ortega-Huerta, M.A., Peterson, A.T., Phillips, O.L. & Williams, S.E. 2004. Extinction risk from climate change. *Nature*, 427: 145–148.
- Thomas, C.D. & Lennon, J.J. 1999. Birds extend their ranges northwards. *Nature*, 399(6733): 213.
- Thompson, I., Mackey, B., McNulty, S. & Mosseler, A. 2009. Forest resilience, biodiversity and climate change: a synthesis of the biodiversity/resilience/stability relationship in forest ecosystems. *Technical Series*, 43. Montreal, Canada, Secretariat of the Convention on Biological Diversity.
- Timmermann, A., Oberhuber, J., Bacher, A., Esch, M., Latif, M. & Roeckner, E. 1999. Increased El Niño frequency in a climate model forced by future greenhouse warming. *Nature*, 398: 694–697.
- Trenberth, K.E. & Hoar, T.J. 1997. El Niño and climate change. *Geophysical Research Letters*, 24(23): 3057–3060.

- TSS Consultants & Spatial Informatics Group LLC.** 2005. *Assessment of the efficacy of the California Bureau of Land Management Community Assistance and Hazardous Fuels programs*. Washington, DC, Bureau of Land Management. 81 pp.
- UNEP.** 2009a. *Towards sustainable production and use of resources: assessing biofuels*. 119 pp. (available at www.unep.fr/scp/rpanel/pdf/assessing_biofuels_full_report.pdf).
- UNEP.** 2009b. *UNEP Year Book 2009: new science and developments in our changing environment*. Nairobi, UNEP. (available at www.unep.org/yearbook/2009/). 65 pp.
- UNEP, FAO & UNFF.** 2009. *Vital forest graphics*. Nairobi, UNEP. 69 pp. (also available at www.unep.org/vitalforest/).
- UNEP-WCMC.** 2005. *Checklist of mammals listed in the CITES appendices and in EV Regulation 338/97. JNCC Report. No. 380.* (7th Ed.) Peterborough, UK, Joint Nature Conservation Committee. 191 pp. (also available at jncc.defra.gov.uk/pdf/jncc380.pdf).
- University College London.** 2011. *Global drought monitor*. (available at drought.mssl.ucl.ac.uk/drought.html).
- US Environmental Protection Agency.** 2008. *Effects of climate change on aquatic invasive species and implications for management and research. EPA/600/R-08/014*. Washington, DC, National Center for Environmental Assessment. 336 pp. (also available at cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=188305).
- Valiela, I., Bowen, J.L. & York, J.K.** 2001. Mangrove forests: one of the world's threatened major tropical environments. *BioScience* 51: 807–815
- van Auken, O.W.** 2000. Scrub invasion of North American semiarid grassland. *Annual Review of Ecology and Systematics*, 31: 197–215
- van Buskirk, J., Mulvihill, R.S. & Leberman, R.C.** 2009. Variable shifts in spring and autumn migration phenology in North American songbirds associated with climate change. *Global Change Biology*, 15: 760–771.
- van Riper, C., van Riper, S.G., Goff, M.L. & Laird, M.** 1986. The epizootiology and ecological significance of malaria in Hawaiian land birds. *Ecological Monographs*, 56(4): 327–344.
- van Lear, D.H. & Harlow, R.F.** 2002. Fire in the Eastern United States: influence on wildlife habitat. In Ford, M.F., Russell, K.R., Moorman, C.E., eds. *Proceedings: The role of fire in nongame wildlife management and community restoration: traditional uses and new directions. General Technical Report NE-288*, pp. 2–10. Newtown Square, USA: US Department of Agriculture, Forest Service, Northeastern Research Station. 145 pp. (also available at www.fs.fed.us/ne/newtown_square/publications/technical_reports/pdfs/2002/gtrne288.pdf).
- 2009 Victorian Bushfires Royal Commission.** 2010. *The 2009 Victorian Bushfires Royal Commission final report*. Victoria, Australia, Government Printer for the State of Victoria. (available at www.royalcommission.vic.gov.au/Commission-Reports/Final-Report).
- Vié, J.-C., Hilton-Taylor, C. & Stuart, S.N.** 2008. *Wildlife in a changing world: an analysis of the 2008 IUCN Red List of Threatened Species*. Gland, Switzerland, IUCN. 180 pp. (also available at iucn.org/about/work/programmes/species/red_list/review/).
- Vissier, M.E. & Both, C.** 2005. Shifts in phenology due to global climate change: the need for a yardstick. *Proceedings of the Royal Society B: Biological Sciences*, 272(1581): 2561–2569.

- Vilà, M., Basnou, C., Pyšek, P., Josefsson, M., Genovesi, P., Gollasch, S., Nentwig, W., Olenin, S., Roques, A., Roy, D., Hulme, P.E. & DAISIE partners. 2010. How well do we understand the impacts of alien species on ecosystem services? A pan-European, cross-taxa assessment. *Frontiers in Ecology and the Environment*, 8(3): 135–144.
- Virkkala, R. & Rajasärkkä, A. 2011. Climate change affects populations of northern birds in boreal protected areas. *Biology Letters*, 7(3): 395–398.
- von Arx, M. & Breitenmoser-Wursten, C. 2008. *Lynx pardinus*. In IUCN. 2011. *IUCN Red List of Threatened Species. Version 2011.1*. (available at www.iucnredlist.org/apps/redlist/details/12520/0).
- Vors, L.S. & Boyce, M.S. 2009. Global declines of caribou and reindeer. *Global Change Biology*, 15(11): 2626–2633.
- Voxy News Engine. 2009. Australian bushfires' devastating impact on animals. Voxy, 30 April 2009. (available at www.voxy.co.nz/national/australian-bushfires039-devastating-impact-animals/5/13040).
- Wade, D.D. & Lundsfor, J. 1990. Fire as a forest management tool: prescribed burning in the southern United States. *Unasylva*, 41(3). (also available at www.fao.org/docrep/t9500e/t9500e07.htm#fire%20as%20a%20forest%20management%20tool:%20prescribed%20burning%20in%20the%20southern%20united%20stat).
- Wahinya, H. 2009. Women on a mission to protect the mangroves. *EnviroConserve Africa*.
- Wall, J. 2009. Mali water crisis. In Save the Elephants. Annual Report 2008–2009, p. 14. (available at www.savetheelephants.org/files/pdf/publications/2009%20STE%20ANNUAL%20REPORT.pdf).
- Walsh, B. 2009. Why global warming may be fueling Australia's fires. *Time*, 9 February 2009. (available at www.time.com/time/health/article/0,8599,1878220,00.html).
- Walther, G.-R., Post, E., Convey, P., Menzel, A., Parmesan, C., Beebee, T.J.C., Fromentin, J.-M., Hoegh-Guldberg, O. & Bairlein, F. 2002. Ecological responses to recent climate change. *Nature*, 416: 389–395.
- Warner, R.E. 1968. The role of introduced diseases in the extinction of endemic Hawaiian avifauna. *Condor*, 70: 101–120
- Waterton Park. 2011. Fire in Canada's national parks. (available at www.watertonpark.com/reference/fire.htm).
- Weber, A.W. 1979. Gorilla problems in Rwanda. *Swara*, 2: 28–32.
- Webster, M.S., Marra, P.P., Haig, S.M., Bensch, S. & Holmes, R.T. 2002. Links between worlds: unravelling migratory connectivity. *Trends in Ecology & Evolution*, 17(2): 76–83.
- Weddell, B.J. 1996. Geographic overview: climate, phenology and disturbance regimes in steppe and desert communities. In Finch, D.M., ed. *Ecosystem disturbance and wildlife conservation in western grasslands – A symposium proceedings. General Technical Report RM-GTR-258*, pp. 3–12. Fort Collins, USA, USDA Forest Service, Rocky Mountain Forest and Range Experiment Station. 82 pp.
- Westerling, A.L., Hidalgo, H.G., Cayan, D.R. & Swetnam, T.W. 2006. Warming and earlier spring increases western US forest wildlife activity. *Science*, 313(5789): 940–943.

- Western, D.** 2007. *The ecology and changes of the Amboseli ecosystem: recommendation for planning and conservation*. Nairobi, Amboseli Conservation Program: Task Force for Developing the Amboseli Ecosystem Plan. (also available at www.amboseliconservation.org/amboseli-ecology-changes/)
- Western, D.** 2009. The drought of 2009. (available at www.amboseliconservation.org/amboseli-drought-2009/).
- Western, D. & Amboseli Conservation Program.** 2010. Amboseli Conservation Program. (available at www.amboseliconservation.org/news/2010/8/2/continuing-signs-of-recovery-for-amboseli.html).
- Western, D. & Maitumo, D.** 2004. Woodland loss and restoration in a savannah park: a 20-year experiment. *African Journal of Ecology*, 42(2): 111–121.
- White, C.A., Pengelly, I.R., Zell, D. & Rogeau, M.-P.** 2005. Restoring heterogenous fire patterns in Banff National Park, Alberta. In The Association for Fire Ecology, Washington State University Extension, USDA Forest Service & College of Forest Resources, University of Washington. *Mixed severity fire regimes: ecology and management*. (Proceedings.), pp. 255–266. (also available at fireecology.net/docs/proceedings/2005/75012.pdf).
- Whitmore, T.C.** 1990. *An introduction to tropical rain forests*. Oxford, UK, Clarendon Press. 296 pp.
- Wich, S., Riswan, Jenson, J., Refisch, J. & Nellemann, C., eds.** *Orangutans and the economics of sustainable forest management in Sumatra*. Birkeland Trykker AS, Norway. 83 pp. (also available at www.orangutanreport.un-grasp.org/orangutan-report.html). UNEP/GRASP/PanEco/YEL/ ICRAF/GRID-Arendal.
- The Wilderness Society Victoria.** 2009. *Preliminary report: impact of 2009 Victorian bushfires on nature and wildlife*. Fitzroy, Australia, The Wilderness Society Victoria Inc. 13 pp. (also available at www.wilderness.org.au/files/preliminary-report-impact-2009-vic-bushfires-on-nature-and-wildlife.pdf).
- Wilkinson, C., ed.** 2004. *Status of coral reefs of the world 2004. Volume 2*. Townsville, Australia, Australian Institute of Marine Science. 301 pp.
- Willets, E., Guadagno, L. & Ikkala, N., eds.** 2010. *Addressing climate change: issues and solutions from around the world*. Gland, Switzerland, IUCN. 42 pp. (also available at data.iucn.org/dbtw-wpd/edocs/2010-033.pdf).
- Williamson, T., Colombo, S., Duinker, P., Gray, P., Hennessey, R., Houle, D., Johnston, M., Ogden, A. & Spittlehouse, D.L.** 2009. *Climate change and Canada's forests: from impacts to adaptation*. Edmonton, Canada, Sustainable Forest Management Network & Natural Resources Canada, Canadian Forest, Northern Forestry Centre. 82 pp. (also available at nofc.cfs.nrcan.gc.ca/bookstore_pdfs/29616.pdf).
- Wong, J.** 2010. Sarawak to double oil palm plantation area. *The Star*, 30 November 2010. (available at biz.thestar.com.my/news/story.asp?file=/2010/11/30/business/7432538&sec=business)
- Worden, J., Mose, V., Western, D.** 2010. Aerial census of wildlife and livestock in Eastern Kajiado. Amboseli Conservation Program. (also available at www.amboseliconservation.org/storage/Amboseli_Aerial_Count_October_2010.pdf).

- The World Bank.** 2010. World Bank fosters partnerships to preserve Mali's elephants. 10 September 2010. (available at go.worldbank.org/Z5336A14N).
- World Health Organization.** 2009. Fact sheet N° 117: Dengue and dengue haemorrhagic fever. *Media Centre*. (available at www.who.int/mediacentre/factsheets/fs117/en/).
- Wotton, B.M. & Stocks, B.J.** 2006. Fire management in Canada: vulnerability and risk trends. In Hirsch, K.G. & Fuglem, P. (technical coordinators). *Canadian wildland fire strategy: background syntheses, analyses, and perspectives*, pp. 49–55. Edmonton, Canada, Canadian Council of Forest Ministers, National Resources Canada, Canadian Forest Service, North Forest Centre. 104 pp. (also available at www.ccfm.org/pdf/cwfs_Analysis_EN_web.pdf).
- WWF.** 2011. Tropical and subtropical moist broadleaf forest ecoregions. (available at wwf.panda.org/about_our_earth/ecoregions/about/habitat_types/selecting_terrestrial_ecoregions/habitat01.cfm).
- Yates, C.** 2009. Vulnerability of biodiversity in Western Australia to climate change. In Steffen, W., Burbridge, A.A., Hughes, L., Kitching, R., Lindenmayer, D., Musgrave, W., Stafford Smith, M. & Werner, P.A. *Australia's biodiversity and climate change: a strategic assessment of the vulnerability of Australia's biodiversity to climate change. A report to the Natural Resource Management Ministerial Council commissioned by the Australian Government*, pp. 102–104. Collingwood, Australia, CSIRO Publishing. 290 pp. (available at www.climatechange.gov.au/publications/biodiversity/~/_media/publications/biodiversity/biodiversity-vulnerability-assessment-lowres.ashx).
- Ye, Q., Yao, T., Zheng H. & Zhang, X.** 2008. Glacier and lake co-variations and their responses to climate change in the Mapam Yumco Basin on Tibet (in Chinese with English abstract). *Geographical Research*, 27(5): 1178–1190.
- Xie, Z.B., Zhu, J.G., Liu, G., Cadisch, G., Hasegawa, T., Chen, C.M., Sun, H.F., Tang, H.Y. & Zeng, Q.** 2007. Soil organic carbon stocks in China and changes from 1980s to 2000s. *Global Change Biology*, 13(9): 1989–2007.
- Zuckerberg, B., Woods, A.W. & Porter, W.F.** (2009) Poleward shifts in breeding bird distributions in New York State. *Global Change Biology*, 15: 1866–1883

FAO TECHNICAL PAPERS

FAO FORESTRY PAPERS

- | | | | |
|----------|--|------|---|
| 1 | Forest utilization contracts on public land, 1977 (E F S) | 20 | Forest tree improvement, 1985 (C E F S) |
| 2 | Planning forest roads and harvesting systems, 1977 (E F S) | 20/2 | A guide to forest seed handling, 1985 (E S) |
| 3 | World list of forestry schools, 1977 (E/F/S) | 21 | Impact on soils of fast-growing species in lowland humid tropics, 1980 (E F S) |
| 3 Rev.1 | World list of forestry schools, 1981 (E/F/S) | 22/1 | Forest volume estimation and yield prediction – Vol. 1. Volume estimation, 1980 (C E F S) |
| 3 Rev.2 | World list of forestry schools, 1986 (E/F/S) | 22/2 | Forest volume estimation and yield prediction – Vol. 2. Yield prediction, 1980 (C E F S) |
| 4/1 | World pulp and paper demand, supply and trade – Vol. 1, 1977 (E F S) | 23 | Forest products prices 1961-1980, 1981 (E/F/S) |
| 4/2 | World pulp and paper demand, supply and trade – Vol. 2, 1977 (E F S) | 24 | Cable logging systems, 1981 (C E) |
| 5 | The marketing of tropical wood in South America, 1976 (E S) | 25 | Public forestry administrations in Latin America, 1981 (E) |
| 6 | National parks planning, 1976 (E F S) | 26 | Forestry and rural development, 1981 (E F S) |
| 7 | Forestry for local community development, 1978 (Ar E F S) | 27 | Manual of forest inventory, 1981 (E F) |
| 8 | Establishment techniques for forest plantations, 1978 (Ar C E* F S) | 28 | Small and medium sawmills in developing countries, 1981 (E S) |
| 9 | Wood chips – production, handling, transport, 1976 (C E S) | 29 | World forest products, demand and supply 1990 and 2000, 1982 (E F S) |
| 10/1 | Assessment of logging costs from forest inventories in the tropics – 1. Principles and methodology, 1978 (E F S) | 30 | Tropical forest resources, 1982 (E F S) |
| 10/2 | Assessment of logging costs from forest inventories in the tropics – 2. Data collection and calculations, 1978 (E F S) | 31 | Appropriate technology in forestry, 1982 (E) |
| 11 | Savanna afforestation in Africa, 1977 (E F) | 32 | Classification and definitions of forest products, 1982 (Ar/E/F/S) |
| 12 | China: forestry support for agriculture, 1978 (E) | 33 | Logging of mountain forests, 1982 (E F S) |
| 13 | Forest products prices 1960-1977, 1979 (E/F/S) | 34 | Fruit-bearing forest trees, 1982 (E F S) |
| 14 | Mountain forest roads and harvesting, 1979 (E) | 35 | Forestry in China, 1982 (C E) |
| 14 Rev.1 | Logging and transport in steep terrain, 1985 (E) | 36 | Basic technology in forest operations, 1982 (E F S) |
| 15 | AGRIS forestry – world catalogue of information and documentation services, 1979 (E/F/S) | 37 | Conservation and development of tropical forest resources, 1982 (E F S) |
| 16 | China: integrated wood processing industries, 1979 (E F S) | 38 | Forest products prices 1962-1981, 1982 (E/F/S) |
| 17 | Economic analysis of forestry projects, 1979 (E F S) | 39 | Frame saw manual, 1982 (E) |
| 17 Sup.1 | Economic analysis of forestry projects: case studies, 1979 (E S) | 40 | Circular saw manual, 1983 (E) |
| 17 Sup.2 | Economic analysis of forestry projects: readings, 1980 (C E) | 41 | Simple technologies for charcoal making, 1983 (E F S) |
| 18 | Forest products prices 1960-1978, 1980 (E F S) | 42 | Fuelwood supplies in the developing countries, 1983 (Ar E F S) |
| 19/1 | Pulping and paper-making properties of fast-growing plantation wood species – Vol. 1, 1980 (E) | 43 | Forest revenue systems in developing countries, 1983 (E F S) |
| 19/2 | Pulping and paper-making properties of fast-growing plantation wood species – Vol. 2, 1980 (E) | 44/1 | Food and fruit-bearing forest species – 1. Examples from eastern Africa, 1983 (E F S) |
| | | 44/2 | Food and fruit-bearing forest species – 2. Examples from southeastern Asia, 1984 (E F S) |
| | | 44/3 | Food and fruit-bearing forest species – 3. Examples from Latin America, 1986 (E S) |
| | | 45 | Establishing pulp and paper mills, 1983 (E) |
| | | 46 | Forest products prices 1963-1982, 1983 (E/F/S) |

47	Technical forestry education – design and implementation, 1984 (E F S)	78	Appropriate wood harvesting in plantation forests, 1987 (E)
48	Land evaluation for forestry, 1984 (C E F S)	79	Small-scale forest-based processing enterprises, 1987 (E F S)
49	Wood extraction with oxen and agricultural tractors, 1986 (E F S)	80	Forestry extension methods, 1987 (E)
50	Changes in shifting cultivation in Africa, 1984 (E F)	81	Guidelines for forest policy formulation, 1987 (C E)
50/1	Changes in shifting cultivation in Africa – seven case-studies, 1985 (E)	82	Forest products prices 1967-1986, 1988 (E F S)
51/1	Studies on the volume and yield of tropical forest stands – 1. Dry forest formations, 1989 (E F)	83	Trade in forest products: a study of the barriers faced by the developing countries, 1988 (E)
52/1	Cost estimating in sawmilling industries: guidelines, 1984 (E)	84	Forest products: World outlook projections – Product and country tables 1987-2000, 1988 (E F S)
52/2	Field manual on cost estimation in sawmilling industries, 1985 (E)	85	Forestry extension curricula, 1988 (E F S)
53	Intensive multiple-use forest management in Kerala, 1984 (E F S)	86	Forestry policies in Europe, 1988 (E)
54	Planificación del desarrollo forestal, 1984 (S)	87	Small-scale harvesting operations of wood and non-wood forest products involving rural people, 1988 (E F S)
55	Intensive multiple-use forest management in the tropics, 1985 (E F S)	88	Management of tropical moist forests in Africa, 1989 (E F P)
56	Breeding poplars for disease resistance, 1985 (E)	89	Review of forest management systems of tropical Asia, 1989 (E)
57	Coconut wood – Processing and use, 1985 (E S)	90	Forestry and food security, 1989 (Ar E S)
58	Sawdoctoring manual, 1985 (E S)	91	Design manual on basic wood harvesting technology, 1989 (E F S) (Published only as FAO Training Series, No. 18)
59	The ecological effects of eucalyptus, 1985 (C E F S)	92	Forestry policies in Europe – An analysis, 1989 (E)
60	Monitoring and evaluation of participatory forestry projects, 1985 (E F S)	93	Energy conservation in the mechanical forest industries, 1990 (E S)
61	Forest products prices 1965-1984, 1985 (E/F/S)	94	Manual on sawmill operational maintenance, 1990 (E)
62	World list of institutions engaged in forestry and forest products research, 1985 (E/F/S)	95	Forest products prices 1969-1988, 1990 (E/F/S)
63	Industrial charcoal making, 1985 (E)	96	Planning and managing forestry research: guidelines for managers, 1990 (E)
64	Tree growing by rural people, 1985 (Ar E F S)	97	Non-wood forest products: the way ahead, 1991 (E S)
65	Forest legislation in selected African countries, 1986 (E F)	98	Timber plantations in the humid tropics of Africa, 1993 (E F)
66	Forestry extension organization, 1986 (C E S)	99	Cost control in forest harvesting and road construction, 1992 (E)
67	Some medicinal forest plants of Africa and Latin America, 1986 (E)	100	Introduction to ergonomics in forestry in developing countries, 1992 (E F I)
68	Appropriate forest industries, 1986 (E)	101	Management and conservation of closed forests in tropical America, 1993 (E F P S)
69	Management of forest industries, 1986 (E)	102	Research management in forestry, 1992 (E F S)
70	Wildland fire management terminology, 1986 (E/F/S)	103	Mixed and pure forest plantations in the tropics and subtropics, 1992 (E F S)
71	World compendium of forestry and forest products research institutions, 1986 (E/F/S)	104	Forest products prices 1971-1990, 1992 (E/F/S)
72	Wood gas as engine fuel, 1986 (E S)	105	Compendium of pulp and paper training and research institutions, 1992 (E)
73	Forest products: world outlook projections 1985-2000, 1986 (E/F/S)	106	Economic assessment of forestry project impacts, 1992 (E F)
74	Guidelines for forestry information processing, 1986 (E)		
75	Monitoring and evaluation of social forestry in India – an operational guide, 1986 (E)		
76	Wood preservation manual, 1986 (E)		
77	Databook on endangered tree and shrub species and provenances, 1986 (E)		

107	Conservation of genetic resources in tropical forest management – Principles and concepts, 1993 (E/F/S)	134	Estimating biomass and biomass change of tropical forests – A primer, 1997 (E)
108	A decade of wood energy activities within the Nairobi Programme of Action, 1993 (E)	135	Guidelines for the management of tropical forests – 1. The production of wood, 1998 (E S)
109	Directory of forestry research organizations, 1993 (E)	136	Managing forests as common property, 1998 (E)
110	Proceedings of the Meeting of Experts on Forestry Research, 1993 (E/F/S)	137/1	Forestry policies in the Caribbean – Volume 1: Proceedings of the Expert Consultation, 1998 (E)
111	Forestry policies in the Near East region – Analysis and synthesis, 1993 (E)	137/2	Forestry policies in the Caribbean – Volume 2: Reports of 28 selected countries and territories, 1998 (E)
112	Forest resources assessment 1990 – Tropical countries, 1993 (E)	138	FAO Meeting on Public Policies Affecting Forest Fires, 2001 (E F S)
113	Ex situ storage of seeds, pollen and in vitro cultures of perennial woody plant species, 1993 (E)	139	Governance principles for concessions and contacts in public forests, 2003 (E F S)
114	Assessing forestry project impacts: issues and strategies, 1993 (E F S)	140	Global Forest Resources Assessment 2000 – Main report, 2002 (E F S)
115	Forestry policies of selected countries in Asia and the Pacific, 1993 (E)	141	Forestry Outlook Study for Africa – Regional report: opportunities and challenges towards 2020, 2003 (Ar E F)
116	Les panneaux à base de bois, 1993 (F)	142	Cross-sectoral policy impacts between forestry and other sectors, 2003 (E F S)
117	Mangrove forest management guidelines, 1994 (E)	143	Sustainable management of tropical forests in Central Africa – In search of excellence, 2003 (E F)
118	Biotechnology in forest tree improvement, 1994 (E)	144	Climate change and the forest sector – Possible national and subnational legislation, 2004 (E)
119	Number not assigned	145	Best practices for improving law compliance in the forest sector, 2005 (E F R S)
120	Decline and dieback of trees and forests – A global overview, 1994 (E)	146	Microfinance and forest-based small-scale enterprises, 2005 (Ar E F S)
121	Ecology and rural education – Manual for rural teachers, 1995 (E S)	147	Global Forest Resources Assessment 2005 – Progress towards sustainable forest management, 2006 (E F S)
122	Readings in sustainable forest management, 1994 (E F S)	148	Tendencias y perspectivas del sector forestal en América Latina y el Caribe, 2006 (S)
123	Forestry education – New trends and prospects, 1994 (E F S)	149	Better forestry, less poverty – A practitioner's guide, 2006 (Ar E F S)
124	Forest resources assessment 1990 – Global synthesis, 1995 (E F S)	150	The new generation of watershed management programmes and projects, 2006 (E F S)
125	Forest products prices 1973-1992, 1995 (E F S)	151	Fire management – Global assessment 2006, 2007 (E)
126	Climate change, forests and forest management – An overview, 1995 (E F S)	152	People, forests and trees in West and Central Asia – Outlook for 2020, 2007 (Ar E R)
127	Valuing forests: context, issues and guidelines, 1995 (E F S)	153	The world's mangroves 1980-2005, 2007 (E)
128	Forest resources assessment 1990 – Tropical forest plantation resources, 1995 (E)	154	Forests and energy – Key issues, 2008 (Ar C E F R S)
129	Environmental impact assessment and environmental auditing in the pulp and paper industry, 1996 (E)	155	Forests and water, 2008 (E F S)
130	Forest resources assessment 1990 – Survey of tropical forest cover and study of change processes, 1996 (E)	156	Global review of forest pests and diseases, 2009 (E)
131	Ecología y enseñanza rural – Nociones ambientales básicas para profesores rurales y extensionistas, 1996 (S)	157	Human-wildlife conflict in Africa – Causes, consequences and management strategies, 2009 (E F)
132	Forestry policies of selected countries in Africa, 1996 (E/F)		
133	Forest codes of practice – Contributing to environmentally sound forest operations, 1996 (E)		

- 158 Fighting sand encroachment – Lessons from Mauritania, 2010 (E F)
- 159 Impact of the global forest industry on atmospheric greenhouse gases, 2010 (E)
- 160 Criteria and indicators for sustainable woodfuels, 2010 (E)
- 161 Developing effective forest policy - A guide, 2010 (E F S)
- 162 What woodfuels can do to mitigate climate change, 2010 (E)
- 163 Global Forest Resources Assessment 2010 – Main report (Ar C E F R S)
- 164 Guide to implementation of phytosanitary standards in forestry, 2011 (C E F R)
- 165 Reforming forest tenure – Issues, principles and process, 2011 (E S)
- 166 Community-based fire management – A review (E)
- 167 Wildlife in a changing climate (E)

Ar – Arabic
C – Chinese
E – English
I – Italian
F – French
P – Portuguese
S – Spanish
R – Russian

Multil – Multilingual
* – Out of print

The FAO Technical Papers are available through the authorized FAO Sales Agents or directly from Sales and Marketing Group, FAO, Viale delle Terme di Caracalla, 00153 Rome, Italy.

Wildlife in a changing climate

This publication examines the likely consequences of climate change for wildlife, including altered ecosystems and species composition and increased incidence of human–wildlife conflict, wildland fires, and spread of invasive species and infectious diseases. The main focus is on tropical terrestrial wildlife and its habitats, but other fauna, ecosystems and geographical regions are covered, as well. Adequate responses to climate change are also discussed, such as maintaining current ecosystems, adaptive management, restoring ecosystems and adopting integrated and landscape approaches to biodiversity conservation. Case studies are presented throughout to illustrate the issues.

ISBN 978-92-5-107089-5 ISSN 0258-6150



9 789251 070895

I2498E/1/11.11