

Literature 05 INRM Livestock environment interactions

05-1 Introduction

Hannah Hoag, 2013. Humans are becoming more carnivorous, Nature News.

http://www.nature.com/news/humans-are-becoming-more-carnivorous-1.14282?WT.ec_id=NEWS-20131203#auth-1

Happy Planet Index – Wikipedia: Downloaded 23.01.2014

http://en.wikipedia.org/wiki/Happy_Planet_Index

05-2 The Ecological Footprint

Ewing B., D. Moore, S. Goldfinger, A. Oursler, A. Reed, and M. Wackernagel. 2010. The Ecological Footprint Atlas 2010. Oakland: Global Footprint Network.

<http://www.footprintnetwork.org>

Africa's Ecological Footprint: Human Well-Being and Biological Capital. 2008.

http://www.footprintnetwork.org/images/uploads/Africa_Factbook.pdf

Evolution and Probability <http://www.talkorigins.org/faqs/thermo/probability.html>

FACTBOOK; November 10, 2006 <http://www.footprintnetwork.org/Africa>

Footprint Glossary <http://www.footprintnetwork.org/en/index.php/GFN/page/glossary/>

Garrett Hardin, 1974. Lifeboat Ethics: the Case Against Helping the Poor

<http://www.garretthardinsociety.org/articles/>

Garrett Hardin, 1986: Cultural Carrying Capacity

<http://www.garretthardinsociety.org/articles/>

Garrett Hardin, 1991: CARRYING CAPACITY AND QUALITY OF LIFE

<http://www.garretthardinsociety.org/articles/>

Garrett Hardin, 2001: Carrying Capacity as an Ethical Concept

<http://www.garretthardinsociety.org/articles/>

Millennium Ecosystem Assessment, 2005. *Ecosystems and Human Well-being: Synthesis*. Island Press, Washington, DC.

<http://www.millenniumassessment.org/en/Index.aspx>

Millennium Ecosystem Assessment, 2005. *Ecosystems and Human Well-being: Biodiversity Synthesis*. World Resources Institute, Washington, DC.

<http://www.millenniumassessment.org/en/Index.aspx>

Millennium Ecosystem Assessment, 2005. *Ecosystems and Human Well-being: Desertification Synthesis*. World Resources Institute, Washington, DC.

<http://www.millenniumassessment.org/en/Index.aspx>

Millennium Ecosystem Assessment, 2005. *ECOSYSTEMS AND HUMAN WELL-BEING: WETLANDS AND WATER Synthesis*. World Resources Institute, Washington, DC. <http://www.millenniumassessment.org/en/Index.aspx>

Swiss Agency for Development and Cooperation & Global Footprint Network

Three Laws of Thermodynamics <http://www.allaboutscience.org/three-laws-of-thermodynamics-faq.htm>

Valuing Ecosystem Services: Capturing the true value of nature's capital

<http://www.fs.fed.us/ecosystemservices>

WWF – World Wide Fund for Nature and Global Footprint Network (GFN)
<http://www.footprintnetwork.org/Africa>

WWF–World Wide Fund for Nature: LIVING PLANET REPORT 2008
<http://www.footprintnetwork.org/en/index.php/>

05-3 The Carbon Footprint

Bellarby, Jessica, Bente Foereid, Asteley Hastings & Pete Smith. 2008. Cool Farming: Climate impacts of agriculture and mitigation potential. Greenpeace International. www.greenpeace.org

Carbon Footprint

http://www.footprintnetwork.org/en/index.php/GFN/page/carbon_footprint

Madsen, J. et al. 2010. Livestock Science 129, 223–227 <http://www.liveprodc.life.ku.dk/~media/LiveProDC/docs/pdf/Article%20by%20Madsen%20%20Method%20e.ashx>

Anita Idel (2011) Cows are not climate killers. Ecology and Farming, 4-2011, pp 16-19 <http://www.pastoralpeoples.org/wp-content/uploads/2012/09/Presentation-Anita-Idel.pdf>

Gerber, P.J., Steinfeld, H., Henderson, B., Mottet, A., Opio, C., Dijkman, J., Faluccci, A. & Tempio, G. 2013. *Tackling climate change through livestock – A global assessment of emissions and mitigation opportunities*. Food and Agriculture Organization of the United Nations (FAO), Rome.
<http://www.fao.org/docrep/018/i3437e/i3437e.pdf>

05-4 The Water Footprint

Abacus Biotech Ltd. 2004. Livestock Production Gains from Improved Drinking Water: Literature Review. MAF Technical Paper No: 2004/07.
www.maf.govt.nz/publications

Boelee E, Chiramba T & Khaka E (eds) 2011. An ecosystem services approach to water and food security. Nairobi: United Nations Environment Programme; Colombo: International Water Management Institute. <http://www.iwmi.org/ecosystems>

Hoekstra, Arjen Y., Ashok K. Chapagain, Maite M. Aldaya and Mesfin M. Mekonnen. 2011. The Water Footprint Assessment Manual - Setting the Global Standard. www.earthscan.co.uk and <http://www.waterfootprint.org>

Lardy, Greg, Charles Stoltenow, Roxanne Johnson. 2008. Livestock and Water. NDSU, North Dakota State University, Fargo, North Dakota 58105
<http://www.ag.ndsu.edu/pubs/h2oqual/watanim/as954.pdf>

Luke, G. J. 2003. Consumption of Water by Livestock. Resource Management Technical Report No. 60. Department of Agriculture, Western Australia.
http://www.agric.wa.gov.au/objtwr/imported_assets/content/aap/sl/nut/tr060.pdf

Mekonnen, M. M. And A. Y. Hoekstra. 2010. The green, blue and grey water footprint of farm animals and animal products. Value of Water Research Report Series No. 48 <http://www.waterfootprint.org>

05-5 Functional Biodiversity

David Tilman (2001) Functional Biodiversity. In: Encyclopedia of Biodiversity, Volume 3, 109-120, Academic Press.

<http://www.cbs.umn.edu/sites/default/files/public/t1797.pdf>