

9 Heimildir

Andrés Arnalds, 2004. Carbon sequestration and the restoration of land health – An example from Iceland. *Climatic Change*, 65(3): 333-346.

Anna María Ágústsdóttir, 2004. Revegetation of eroded land and possibilities of carbon sequestration in Iceland. *Nutrient Cycling in Agroecosystems*, 70(2): 241-247.

Arnór Snorrason og Bjarki Þór Kjartansson, 2005. Íslensk skógarúttekt. *Fræðafing landbúnaðarins 2005*: 162.

Arnór Snorrason, 2006. Langtímaspá um kolefnisbindingu nýskógræktar. *Skógræktarritið* 6(2):

Arnór Snorrason, 2007. Langtímaspá um kolefnisbindingu nýskógræktar. *Fræðafing landbúnaðarins 2007*: 522-527.

Arnór Snorrason, Bjarni D. Sigurdsson, Grétar Guðbergsson, Kristín Svavarsdóttir & Þorbergur H. Jónsson. 2002. Carbon sequestration in forest plantations in Iceland. *Icelandic Agricultural Sciences*, 15: 79-91.

Árni Snæbjörnsson og Óttar Geirsson 1981. *Vatnsmiðlun*. Bændaskólinn á Hvanneyri, Hvanneyri.

Ása L. Aradóttir, Kristín Svavarsdóttir og Jón Guðmundsson, 2006. Binding kolefnis á landgræðslu-svæðum. *Fræðafing landbúnaðarins 2006*:245-248.

Ása L. Aradóttir, Kristín Svavarsdóttir, Þorbergur Hjalti Jónsson, og Grétar Guðbergsson, 2000. Carbon accumulation in vegetation and soils by reclamation of degraded areas. *Búvisindi* 13:99-113.

Bernstein, L., J. Roy, K. C. Delhotal, J. Harnisch, R. Matsushashi, L. Price, K. Tanaka, E. Worrell, F. Yamba, Z. Fengqi, 2007: Industry. In *Climate Change 2007: Mitigation. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* (B. Metz, O.R. Davidson, P.R. Bosch, R. Dave, L.A. Meyer (eds)), Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Birkemose T. 2006. Stort potentiale for mere biogas i Danmark. Dansk Landbrugsrådgivning. Artikel nr. 85. Landscentret/Planteavl, 3 s.

Birgir Sævarsson, Óbirtar rannsóknir um nýtni skrófu

Bjarni D. Sigurðsson, Arnór Snorrason, Bjarki Þór Kjartansson og Brynhildur Bjarnadóttir, 2005. Kolefnisbinding með nýskógrækt. Hvar stöndum við og hverjir eru möguleikarnir? *Fræðafing landbúnaðarins 2005*: 20-24

Bjarni D. Sigurðsson, Ásrún Elmarsdóttir, Brynhildur Bjarnadóttir og borgþór Magnússon, 2008. Mælingar á kolefnisbindingu mismunandi skógargerða. *Fræðafing landbúnaðarins 2008*: 301-308.

Bogner, J., M. Abdelrafie Ahmed, C. Diaz, A. Faaij, Q. Gao, S. Hashimoto, K. Mareckova, R. Pipatti, T. Zhang, Waste Management, In *Climate Change 2007: Mitigation. Contribution of Working Group III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* (B. Metz, O.R. Davidson, P.R. Bosch, R. Dave, L.A. Meyer (eds.)), Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.

Bragi Árnason and Thorsteinn I. Sigfússon, „Converting CO₂ emissions and Hydrogen into Methanol Vehicle Fuel”, *Journal of Metals, JOM*, Vol 51, No. 5, May 1999, pp. 46 -47.

Brynhildur Bjarnadóttir, Arnór Snorrason og Bjarni D. Sigurðsson, 2008. Kolefnisbinding með skógrækt. Yfirlit og aðferðir. *Fræðafing landbúnaðarins 2008*: 283-289.

Brynjar Skúlason, Aðalsteinn Sigurgeirsson og Guðmundur Halldórsson, 2003. Arðsemi skógræktar á Íslandi. *Ráðunautafundur 2003*: 94-102.

Bruno, M.j. 2004. Aluminum Carbothermic Technology, U.S. DOE Cooperative agreement No.DE-FC36-00ID13900.

Carbon Recycling International (<http://www.carbonrecycling.is/>)

CIA factbook <https://www.cia.gov/library/publications/the-world-factbook/>

Daði Már Kristofersson, E. Eyþórsdóttir, G. H. Harðarson & M. B. Jónsson. 2007. *Samanburður á rekstrarhagkvæmni mjólkurframleiðslu með íslenskum kúm og fjórum erlendum kúakynjum*. Fjölrit LbhÍ. Nr 15, 68 p.

EAA (European Aluminium Association), 2006, Aluminium recycling in Europe

Einar Gunnarsson, Edgar Guðmundsson og Ragnar Árnason, 1987. Hagkvæmni nytjaskógræktar. Í framkvæmdanefnd um framtíðarkönnun á vegum Forsætisráðuneytis, *Auðlindir um aldamót*. Gutenberg, Reykjavík.

Emil Ragnarsson, Árbók VFÍ/TFÍ 2007 Orkuspar

Erna Bjarnadóttir og Stefán Örn Valdimarsson, 1992, Verðmæti búfjáraburðar. Í Rikharð Brynjólfsson (Ed.), *Nýting búfjáraburðar*. Rit búvisindadeildar nr 1.

European Environmental Agency, dataservice

Fjarðanet ehf, www.fjardanet.is skoðað í júlí 2008

Gardner B., 1983. Efficient Redistribution Through Commodity-Markets. *American Journal of Agricultural Economics* 65 (2): 225-234.

Giger-Reverdin, S., Morand-Fehr, P. & Tran, G. 2003. Literature survey of the influence of dietary fat composition on methane production in dairy cattle. *Livest. Prod. Sci.* 82, 73-79.

Guðbergur Rúnarsson, Hvert fara krónurnar, Ægir, febrúar 1999

Guðbergur Rúnarsson, Orkunotkun og fiskveiðar 1990–1997

Hagfræðistofnun Háskóla Íslands, 2009, Óbirt greinargerð
Hagstofa Íslands, www.hagstofan.is.

Hjort-Gregersen K. 1999. Centralized Biogas Plants – Integrated Energy Production, Waste Treatment and Nutrient Redistribution Facilities. *Danish Institute of Agricultural and Fisheries Economics*, 30 s.

Hlynur Óskarsson, 1998. *Icelandic Peatlands: Effects of Draining on Trace Gas Release*. Doktorsgitgerð frá Institute of Ecology, University of Georgia, Athens, Georgia, USA

Hlynur Óskarsson, 1999. Kolefnisbúskapur mýra: Áhrif framræslu og gildi endurheimtar mýra til viðhalds kolefnisforða þeirra. *Ráðstefnurit afmælisráðstefnu Líffræðifélags Íslands*, Hótel Loftleiðum, 18.-20. nóvember 1999. Blaðsíða 60.

Hlynur Óskarsson, 2008. Endurheimt votlendis – möguleg leið til að draga úr losun gróðurhúsalofttegunda. *Fræðavingur landbúnaðarins 2008*.

Hlynur Óskarsson, Ólafur Arnalds, Jón Guðmundsson og Grétar Guðbergsson, 2004. Organic carbon in Icelandic soils: geographical variation and impact of erosion. *Catena* 56:225-238.

Humphreys, K. and M. Mahasenan, 2002: Towards a sustainable cement industry – Substudy 8: Climate Change. World Business Council for Sustainable Development (WBCSD), Geneva, Switzerland.

Intergovernmental Panel on Climate Change (IPCC), 2007a, Climate change 2007 – The Physical Science Basis, Working Group I contribution to the Fourth Assessment Report of the IPCC, Intergovernmental Panel on Climate Change, Cambridge University Press, UK.

Intergovernmental Panel on Climate Change (IPCC), 2007b, Climate change 2007 – Impacts, Adaptation and Vulnerability, Working Group II contribution to the Fourth Assessment Report of the IPCC, Intergovernmental Panel on Climate Change, Cambridge University Press, UK.

Intergovernmental Panel on Climate Change (IPCC), 2007c, Climate change 2007 – Mitigation of Climate Change, Working Group III contribution to the Fourth Assessment Report of the IPCC, Intergovernmental Panel on Climate Change, Cambridge University Press, UK

International Aluminium Institute, Sustainability report.

IPCC, 2003. Good Practice Guidance for Land Use, Land-Use Change and Forestry. IGES. (<http://www.ipcc-nggip.iges.or.jp/public/gpplucf/gpplucf.htm>)

IRG, 2004. COAnalysis of Methane Mitigation Options using the MARKAL Model for the US. *US EPA Coalbed Methane Outreach Program*. (<http://www.epa.gov/methane/projections.html>)

Jóhann Pétur Andersen framkvæmdastjóri Félags fiskmjölsframleiðenda, Grænt bókhald, www.ust.is, www.sf.is.

Kamsma, R.P.M., July 2003. Landfill Gas Formation in Iceland, (2003), University of Den Bosch, the Netherlands og C.A. Meyles B.Sc., Environment and Food Agency of Iceland, Reykjavík.

Lackner og Sigfússon, 2006, Ráðstefna með Columbia háskóla í Reykjavík, júní 2006.

Landvernd, 2005, Loftslagsverkefni, Landvernd

Loftslagsnefnd sjávarútvegsins, 2009, óbirt greinargerð.

McKinsey&Company, 2009, Pathways to a Low-Carbon Economy: version 2 of the Global Greenhouse Gas Abatement Cost Curve, McKinsey&Company.

Mannvit (www.mannvit.is, maí 2008)

Mannvit, 2009, *Minnkun á losun gróðurhúsalofttegunda frá samgöngum á landi*, unnin fyrir Vegagerðina, óbirt skýrsla.

Mannvit, 2008, *Losun gróðurhúsalofttegunda frá meðhondlun úrgangs*, unnið fyrir Umhverfissráðuneytið, óbirt samantekt

Mannvit, 2008, *Minnkun losunar gróðurhúsalofttegunda frá fiskveiðum: forsendur og niðurstöður kostnaðargreiningar á notkun endurnýjanlegs eldsneytis á fiskiskip*, Skýrsla unnin fyrir sérfræðinganefnd til að kanna möguleika á samdrætti í nettólosun gróðurhúsalofttegunda á Íslandi og Umhverfissráðuneytið, óbirt skýrsla.

Mills, J.A.N., Dijkstra, J., Bannink, A., Cammell, S.B., Kebreab, E. & France, J. 2001. A mechanistic model of whole-tract digestion and methanogenesis in the lactating dairy cow: Model development, evaluation, and application. *J. Anim. Sci.* 79, 1584-1597.

NOU: Et klimavennlig Norge 2006, Departementenes servicesenter, Informasjonsforvaltning, Oslo 2006, ISSN 0333-2306

OECD, 2001. The Incidence and Income Transfer Efficiency of Farm Support Measures, AGR/CA/APM(2001)24/FINAL, Paris.

OECD, 2003. Policy-Related Transaction Costs and Policy Choice: Main Report, AGR/CA/APM(2003)15/FINAL, Paris.

Orkuveita Reykjavíkur, 2008, Umhverfisskýrsla 2007, Orkuveita Reykjavíkur, Reykjavík.

Orkusparnefnd, 2008, Eldsneytisspá 2008-2050, Orkustofnun OS-2008/009, Reykjavík

Orkusparnefnd, 2008, Raforkuspá 200x – 20xx, Orkustofnun OS- , Reykjavík

Ólafur Arnalds, G. Guðbergsson og Jón Guðmundsson, 2000. Carbon sequestration and reclamation of severely degraded soils in Iceland. *Búvísindi* 13:87-98.

Prosjekt Rapport for Norges Fiskarlag. Resultater trålerflåten 2006. Energinettvert Fiskeflåte. Lips Coastal and Inland Propulsion Systems, Wärtsilä
http://www.wartsila.com/Wartsila/global/docs/en/ship_power/media_publications/brochures/product/propulsors/efficiency_rudder.pdf

Pucher, J., Buehler, R., 2008, Making Cycling Irresistible: Lessons from the Netherlands, Denmark and Germany, *Transport Reviews*, Vol 28, No. 4, July 2008.

Ragnar K. Ásmundsson, NOV 2005 Varmadætur : hagkvæmni á Íslandi 14635 Íslenskar orku-rannsóknir ÍSOR-2005/024

Ragnhildur Sigurðardóttir, 2000. *Effects of Different Forest Types on Total Ecosystem Carbon Sequestration in Hallormsstaður Forest, Eastern Iceland*. PhD-thesis, Yale University: 193 pp.
Rasmussen, T.D., L. Hedemand, J. Hviid og J. Johnsen Høy, 2001. *Overdækning af gyllebeholdere*. Landbrugets Rådgivningscenter.

Rósa Jónsdóttir ofl, Aðdráttarafi beitu – banvænn biti, Rannsóknastofnun fiskiðnaðarins, maí 2005

Sigfússon, Þorsteinn I, 2007, Pathways to hydrogen as an energy carrier, *Philosophical Transactions of the Royal Society A* 365, p.1025-1042.

Sjardin, M., 2003: CO₂ emission factors for non-energy use in the non-ferrous metal, ferroalloys and inorganics industry. Copernicus Institute, Utrecht, pp. 63.
Smith, P., D. Martino, Z. Cai, D. Gwary, H.H. Janzen, P. Kumar, B. McCarl, S. Ogle, F. OjMara, C. Rice, R.J. Scholes, O. Sirotenko, M. Howden, T. McAllister, G. Pan, V. Romanenkov, U. Schneider, S. Towprayoon, M. Wattenbach, and J.U. Smith, 2007. Greenhouse gas mitigation in agriculture. *Philosophical Transactions of the Royal Society, B*, 363. doi:10.1098/rstb.2007.2184.

Sommer, S.G., Møller, H.B. & Petersen, S.O., 2001. Reduktion af drivhusgasemission fra gylle og organisk affald ved biogasbehandling. *DJF rapport, husdyrbrug nr 31* – 53 s.

Thambimuthu Kelly, et al (2007) IPCC report, chapter 3, Capture of CO₂. IPCC, <http://www.ipcc.ch/ipccreports/srccs.htm>, maí 2008

UNFCCC, United Nations Framework Convention on Climate Change, http://unfccc.int/ghg_data/ghg_data_unfccc/items/4146.php (maí 2008)

Umhverfissráðuneytið, 2008. National Inventory Report. Iceland 2008. Submitted under the United Nations Framework Convention on Climate Change. (http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/4303.php).

Umhverfissráðuneytið, 2007. National Inventory Report. Iceland 2007. Submitted under the United Nations Framework Convention on Climate Change. (http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/4303.php).

Umhverfisstofnun, 2008, Spá um losun gróðurhúsalofttegunda til 2050, óbirt gögn.

Umhverfissráðuneytið, 2007. *National Inventory Report. Iceland 2007*. Submitted under the United Nations Framework Convention on Climate Change. (http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/4303.php).

Umhverfissráðuneytið, 2008. *National Inventory Report. Iceland 2008*. Submitted under the United Nations Framework Convention on Climate Change. (http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/4303.php).

Umhverfisstofnun, 2007. *National Inventory Report, Iceland 2007*. (http://unfccc.int/national_reports/initial_reports_under_the_kyoto_protocol/items/3765.php)

Umhverfisstofnun. Skýrsla UST-2004:14. Landsáætlun um meðhöndlun úrgangs 2004-2016

Umhverfisstofnun. Nóvember 2008. Birna S. Hallsdóttir. Spá um magn úrgangs og losun GHL. Óútgefin gögn.

UNFCCC (United Nations Framework Convention on Climate Change), 2008. Report of the review of the initial report of Iceland. FCCC/IRR/2007/ISL. (http://unfccc.int/documentation/documents/advanced_search/items/3594.php?rec=j&preref=600004613#beg)

VGK-Hönnun. Júní 2007. Sameiginleg svæðisáætlun um meðhöndlun úrgangs: Niðurstöður ráðgjafa um meðhöndlun lífræns úrgangs og urðunarstaði. Samantekt fyrir verkefnisstjórn.

Worrell, E., L.K. Price, N. Martin, C. Hendriks, and L. Ozawa Meida, 2001b: Carbon dioxide emissions from the global cement industry. *Annual Review of Energy and Environment*, 26, pp. 303-29.

Þorsteinn Guðmundsson, Hólmgeir Björnsson og Guðni Þorvaldsson, 2004. Organic carbon accumulation and pH changes in an Andic Gleysol under a long-term fertilizer experiment in Iceland. *Catena*, 56(1-3): 213-224.

Þórhallur Ásbjörnsson, Losun gróðurhúsalofttegunda frá fiskiskipum 2005

Þóroddur Sveinsson, 2009. Leið til að lækka áburðarkostnað á kúabúum – bætt nýting búfjár-áburðar. Fræðaðing landbúnaðarins 2009.

Munnlegar heimildir

Prokatin ehf, Jakob K. Kristjánsson, maí 2008

Carbon Recycling International, K.C. Tran, janúar 2009

Einar Hreinsson, veiðarfærasérfræðing hjá Hafrannsóknarstofnuninni, júní – júlí 2008

Jón Einar Marteinnsson, framkvæmdastjóra Fjarðanets ehf, 11.júlí 2008

Leo Mayer, febrúar – maí 2008.

Gunnar H. Sigurðsson, Sementsverksmiðjan, 2008

Þorsteinn Hannesson, ELKEM Ísland, desember 2008

