

DUMF1043 Earth System Science

Full reading list for Earth System Science on University of Glasgow
Dumfries campus

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@article{Bamber, title={Ice sheet modelling proves a slippery subject},
url={http://environmentalresearchweb.org/cws/article/opinion/30465},
publisher={Environmental Research Web}, author={Bamber, Jonathan} }
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@book{Bell_2005, edition={2nd ed}, title={Late Quaternary environmental change:
physical and human perspectives (Chapter 2)},
url={http://libcat.uhi.ac.uk/record=b1493184~S18}, publisher={Prentice Hall},
author={Bell, Martin}, year={2005} }
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@book{Bell_Walker_2013, address={Abingdon, Oxon}, edition={Second edition},
title={Late quaternary environmental change: physical and human perspectives},
url={https://ezproxy.lib.gla.ac.uk/login?url=https://www.taylorfrancis.com/books/9781315
847740}, publisher={Routledge, an imprint of the Taylor & Francis Group}, author={Bell,
Martin and Walker, M. J. C.}, year={2013} }
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@article{Bellamy_Loveland_Bradley_Lark_Kirk_2005, title={Carbon losses from all soils
across England and Wales 1978-2003}, volume={437}, DOI={10.1038/nature04038},
number={7056}, journal={Nature}, author={Bellamy, Pat H. and Loveland, Peter J. and
Bradley, R. Ian and Lark, R. Murray and Kirk, Guy J. D.}, year={2005}, month=sept,
pages={245-248} }
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@book{Benn_Evans_2013, address={London}, edition={Second edition}, title={Glaciers
& glaciation},
url={https://ezproxy.lib.gla.ac.uk/login?url=https://www.taylorfrancis.com/books/9781444
128390}, publisher={Routledge}, author={Benn, Douglas I. and Evans, David J. A.},
year={2013} }
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@book{Brady_1998, title={The nature and properties of soils},
url={https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_A
LMA2124386220003931&context=L&vid=44PAI_V1&search_scope=default
_scope&tab=default_tab&en_US=en_US&en_US=en_US}, publisher={Prentice Hall},
author={Brady, Nyle C.}, year={1998} }
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@article{Brienen_Phillips_Feldpausch_Gloor_Baker_Lloyd_Lopez-Gonzalez_Monteagudo-Me
ndoza_Malhi_Lewis_et al._2015, title={Long-term decline of the Amazon carbon sink},
volume={519}, DOI={10.1038/nature14283}, number={7543}, journal={Nature},
author={Brienen, R. J. W. and Phillips, O. L. and Feldpausch, T. R. and Gloor, E. and Baker,
T. R. and Lloyd, J. and Lopez-Gonzalez, G. and Monteagudo-Mendoza, A. and Malhi, Y. and
Lewis, S. L. and Vásquez Martinez, R. and Alexiades, M. and Álvarez Dávila, E. and
Alvarez-Loayza, P. and Andrade, A. and Aragão, L. E. O. C. and Araujo-Murakami, A. and
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Arets, E. J. M. M. and Arroyo, L. and Aymard C., G. A. and Bánki, O. S. and Baraloto, C. and Barroso, J. and Bonal, D. and Boot, R. G. A. and Camargo, J. L. C. and Castilho, C. V. and Chama, V. and Chao, K. J. and Chave, J. and Comiskey, J. A. and Cornejo Valverde, F. and da Costa, L. and de Oliveira, E. A. and Di Fiore, A. and Erwin, T. L. and Fauset, S. and Forsthofer, M. and Galbraith, D. R. and Grahame, E. S. and Groot, N. and Hérault, B. and Higuchi, N. and Honorio Coronado, E. N. and Keeling, H. and Killeen, T. J. and Laurance, W. F. and Laurance, S. and Licona, J. and Magnussen, W. E. }, year={2015}, month=mar, pages={344-348} }

@article{Cai_Santoso_Wang_Yeh_An_Cobb_Collins_Guilyardi_Jin_Kug_et al. 2015, title={ENSO and greenhouse warming}, volume={5}, DOI={10.1038/nclimate2743}, number={9}, journal={Nature Climate Change}, author={Cai, Wenju and Santoso, Agus and Wang, Guojian and Yeh, Sang-Wook and An, Soon-Il and Cobb, Kim M. and Collins, Mat and Guilyardi, Eric and Jin, Fei-Fei and Kug, Jong-Seong and Lengaigne, Matthieu and McPhaden, Michael J. and Takahashi, Ken and Timmermann, Axel and Vecchi, Gabriel and Watanabe, Masahiro and Wu, Lixin}, year={2015}, month=aug, pages={849-859} }

@article{Dessler_2010, title={A Determination of the Cloud Feedback from Climate Variations over the Past Decade}, volume={330}, DOI={10.1126/science.1192546}, number={6010}, journal={Science}, author={Dessler, A. E.}, year={2010}, month=dec, pages={1523-1527} }

@book{Diamond_2005, title={Collapse: how societies choose to fail or survive}, url={https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_A LMA2121617340003931&context=L&vid=44PAI_V1&search_scope=default _scope&tab=default_tab□=en_US□=en_US}, publisher={Allen Lane}, author={Diamond, Jared M.}, year={2005} }

@inbook{Holden_2010, title={Chapter 7: Soil and the Environment}, url={http://libcat.uhi.ac.uk/record=b1533410~S18}, booktitle={An introduction to Physical geography and the Environment}, publisher={Pearson Prentice Hall}, author={Holden, Joseph}, year={2010} }

@book{Holden_2012, address={Harlow, Essex}, edition={3rd ed}, title={An introduction to physical geography and the environment}, url={https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=97802 73740872}, publisher={Pearson}, author={Holden, Joseph}, year={2012} }

@book{Holden_Dawson Books_2012, address={Harlow, Essex}, edition={3rd ed}, title={An introduction to physical geography and the environment}, url={https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=97802 73740872}, publisher={Pearson}, author={Holden, Joseph and Dawson Books}, year={2012} }

@article{Kjeldsen_Korsgaard_Bjørk_Khan_Box_Funder_Larsen_Bamber_Colgan_van den Broeke_et al. 2015, title={Spatial and temporal distribution of mass loss from the Greenland Ice Sheet since AD 1900}, volume={528}, DOI={10.1038/nature16183}, number={7582}, journal={Nature}, author={Kjeldsen, Kristian K. and Korsgaard, Niels J. and Bjørk, Anders A. and Khan, Shfaqat A. and Box, Jason E. and Funder, Svend and Larsen, Nicolaj K. and Bamber, Jonathan L. and Colgan, William and van den Broeke, Michiel and Siggaard-Andersen, Marie-Louise and Nuth, Christopher and Schomacker, Anders and Andresen, Camilla S. and Willerslev, Eske and Kjær, Kurt H.}, year={2015}, month=dec,

pages={396-400} }

@book{Kump_2009a, edition={3rd ed}, title={The Earth System: Chapter 2 Daisyworld An Introduction to Systems}, url={http://libcat.uhi.ac.uk/record=b1493196~S26}, publisher={Prentice Hall}, author={Kump, Lee R.}, year={2009} }

@book{Kump_2009b, edition={3rd ed}, title={The Earth System (Chapter 3)}, url={http://libcat.uhi.ac.uk/record=b1493196~S26}, publisher={Prentice Hall}, author={Kump, Lee R.}, year={2009} }

@book{Kump_Kasting_Crane_2014, address={Harlow, Essex}, edition={Third edition}, title={The earth system}, url={https://www.vlebooks.com/vleweb/product/openreader?id=GlasgowUni&isbn=9781292034867}, publisher={Pearson}, author={Kump, Lee R. and Kasting, James F. and Crane, Robert G.}, year={2014} }

@article{Lisiecki_Raymo_2005, title={A Pliocene-Pleistocene stack of 57 globally distributed benthic δ O records}, volume={20}, DOI={10.1029/2004PA001071}, number={1}, journal={Paleoceanography}, author={Lisiecki, Lorraine E. and Raymo, Maureen E.}, year={2005}, month=mar, pages={n/a-n/a} }

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@book{Lovelock_2007, address={London}, title={The revenge of Gaia: why the earth is fighting back - and how we can still save humanity}, volume={Penguin celebrations}, url={https://uws-primo.hosted.exlibrisgroup.com/permalink/f/1a10t95/44PAI_ALMA2144190980003931}, publisher={Penguin}, author={Lovelock, James}, year={2007} }

@book{Lovelock_2009, address={London}, title={The vanishing face of Gaia: a final warning}, url={https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2117582640003931&context=L&vid=44PAI_V1&search_scope=default_scope&tab=default_tab□=en_US□=en_US□=en_US}, publisher={Allen Lane}, author={Lovelock, James}, year={2009} }

@article{MacGregor_Colgan_Fahnestock_Morlighem_Catania_Paden_Gogineni_2016, title={Holocene deceleration of the Greenland Ice Sheet}, volume={351}, DOI={10.1126/science.aab1702}, number={6273}, journal={Science}, author={MacGregor, J. A. and Colgan, W. T. and Fahnestock, M. A. and Morlighem, M. and Catania, G. A. and Paden, J. D. and Gogineni, S. P.}, year={2016}, month=feb, pages={590-593} }

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@article{Monastersky_Sousanis_2015, title={The fragile framework}, volume={527},

DOI={10.1038/527427a}, number={7579}, journal={Nature}, author={Monastersky, Richard and Sousanis, Nick}, year={2015}, month=nov, pages={427-435} }

@book{Roberts_2014, address={Chichester, England}, edition={Third edition}, title={Holocene: an environmental history}, url={https://ebookcentral.proquest.com/lib/gla/detail.action?docID=1568771}, publisher={Wiley Blackwell}, author={Roberts, Neil}, year={2014} }

@article{Swindles_Morris_Mullan_Watson_Turner_Roland_Amesbury_Kokfelt_Schoning_Pratte_et al._2015, title={The long-term fate of permafrost peatlands under rapid climate warming}, volume={5}, DOI={10.1038/srep17951}, journal={Scientific Reports}, author={Swindles, Graeme T. and Morris, Paul J. and Mullan, Donal and Watson, Elizabeth J. and Turner, T. Edward and Roland, Thomas P. and Amesbury, Matthew J. and Kokfelt, Ulla and Schoning, Kristian and Pratte, Steve and Gallego-Sala, Angela and Charman, Dan J. and Sanderson, Nicole and Garneau, Michelle and Carrivick, Jonathan L. and Woulds, Clare and Holden, Joseph and Parry, Lauren and Galloway, Jennifer M.}, year={2015}, month=dec }

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@misc{Oxygen Isotopes and the Paleoclimate Record_16 ADa, url={https://www.youtube.com/watch?v=YfRDNyB1XOY}, year={16 AD} }

@misc{Oxygen Isotopes and the Paleoclimate Record_16 ADb, url={https://www.youtube.com/watch?v=YfRDNyB1XOY}, year={16 AD} }

@misc{NASA - Daisyworld - This World Is Black and White_18 ADa, url={https://www.youtube.com/watch?v=sCxIqgZA7ag}, year={18 AD} }

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@misc{A Robust Response of the East Asian Monsoon Rainband to Solar Variability |
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url={https://quantpalaeo.wordpress.com/2015/02/01/a-robust-response-of-the-east-asian-monsoon-rainband-to-solar-variability/} }

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@misc{How A Simple Truth Can Be A Most Effective Lie - Dan's Wild Wild Science Journal -
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url={http://blogs.agu.org/wildwildscience/2015/12/06/half-the-truth-can-be-a-most-effective-lie/} }

@misc{The most influential climate change papers of all time - Carbon Brief,
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@misc{James Hansen: Why I must speak out about climate change | TED Talk | TED.com,
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url={https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2119128100003931&context=L&vid=44PAI_V1□=en_US&search_scope=default_scope&adaptor=Local%20Search%20Engine&isFrbr=true&tab=default_tab&query=any,contains,The%20Earth%20System&sortby=date&facet=frbrgroupid,include,2195378439&offset=0} }

@misc{Milankovitch Tutorial,
url={http://www.sciencecourseware.org/eec/GlobalWarming/Tutorials/Milankovitch/} }

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url={ https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2119128100003931&context=L&vid=44PAI_V1&lang=en_US&search_scope=default_scope&adaptor=Local%20Search%20Engine&isFrbr=true&tab=default_tab&query=any,contains,The%20Earth%20System&sortby=date&facet=frbrgroupid,include,2195378439&offset=0} }

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url={ https://uws-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=44PAI_ALMA2119128100003931&context=L&vid=44PAI_V1&lang=en_US&search_scope=default_scope&adaptor=Local%20Search%20Engine&isFrbr=true&tab=default_tab&query=any,contains,The%20Earth%20System&sortby=date&facet=frbrgroupid,include,2195378439&offset=0} }