

DUMF1043 Earth System Science

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

View Online



[1]

A Robust Response of the East Asian Monsoon Rainband to Solar Variability | Musings on Quantitative Palaeoecology:
<https://quantpalaeo.wordpress.com/2015/02/01/a-robust-response-of-the-east-asian-monsoon-rainband-to-solar-variability/>.

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Animation: Satellite images of surging glaciers in Asia - Carbon Brief:
http://www.carbonbrief.org/animation-satellite-images-of-surging-glaciers-in-asia?utm_content=buffer98022&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer.

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Are ice sheet losses overestimated?
<http://www.skepticalscience.com/Are-ice-sheet-losses-overestimated.html>.

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Bamber, J. Ice sheet modelling proves a slippery subject.

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Bell, M. and Walker, M.J.C. 2013. Late quaternary environmental change: physical and human perspectives. Routledge, an imprint of the Taylor & Francis Group.

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<https://doi.org/10.1038/nature04038>.

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Benn, D.I. and Evans, D.J.A. 2013. *Glaciers & glaciation*. Routledge.

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Cai, W. et al. 2015. ENSO and greenhouse warming. *Nature Climate Change*. 5, 9 (Aug. 2015), 849–859. <https://doi.org/10.1038/nclimate2743>.

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Catalyst: Snowball Earth - ABC TV Science:
<http://www.abc.net.au/catalyst/stories/2377133.htm>.

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CERES Brochure: http://ceres.larc.nasa.gov/ceres_brochure.php.

[14]

Dessler, A.E. 2010. A Determination of the Cloud Feedback from Climate Variations over the Past Decade. *Science*. 330, 6010 (Dec. 2010), 1523–1527.
<https://doi.org/10.1126/science.1192546>.

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Diamond, J.M. 2005. *Collapse: how societies choose to fail or survive*. Allen Lane.

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Holden, J. 2012. *An introduction to physical geography and the environment*. Pearson.

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Holden, J. 2010. Chapter 7: Soil and the Environment. *An introduction to Physical geography and the Environment*. Pearson Prentice Hall.

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Holden, J. and Dawson Books 2012. *An introduction to physical geography and the environment*. Pearson.

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How A Simple Truth Can Be A Most Effective Lie - Dan's Wild Wild Science Journal - AGU Blogosphere:
<http://blogs.agu.org/wildwildscience/2015/12/06/half-the-truth-can-be-a-most-effective-lie/>.

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James Balog: Time-lapse proof of extreme ice loss | TED Talk | TED.com:
http://www.ted.com/talks/james_balog_time_lapse_proof_of_extreme_ice_loss.

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James Hansen: Why I must speak out about climate change | TED Talk | TED.com:
http://www.ted.com/talks/james_hansen_why_i_must_speak_out_about_climate_change.

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Kjeldsen, K.K. et al. 2015. Spatial and temporal distribution of mass loss from the Greenland Ice Sheet since AD 1900. *Nature*. 528, 7582 (Dec. 2015), 396–400.
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<http://www.sciencecourseware.org/eec/GlobalWarming/Tutorials/Milankovitch/>.

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Swindles, G.T. et al. 2015. The long-term fate of permafrost peatlands under rapid climate warming. Scientific Reports. 5, (Dec. 2015). <https://doi.org/10.1038/srep17951>.

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The explosive science of volcanoes and peat bogs | Bogology:
<http://bogology.org/2014/08/28/the-explosive-science-of-volcanoes-and-peat-bogs/>.

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The most influential climate change papers of all time - Carbon Brief:
<http://www.carbonbrief.org/the-most-influential-climate-change-papers-of-all-time>.

[39]

Welcome to the British Society of Soil Science | British Society of Soil Science:
<http://soils.org.uk/>.

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Chapter 4. The Atmospheric Circulation System. The Earth System (Third Edition). Kump, Kasting and Crane.

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Chapter 5 The Ocean Circulation. The Earth System (Third Edition). Kump, Kasting, Crane.

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Chapter 14. Plietocene Glaciations. The Earth System (Third Edition). Kump, Kasting, Crane.

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2009. Daisyworld pt.1 : James Lovelock and Gaia.

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2009. Daisyworld pt.2: Gaia and Daisyworld.

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2009. Daisyworld pt.3: Self regulation.

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2009. Daisyworld Pt.4: Gaia theory and the real world.

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25 AD. GEF - Bhutan: Silent Tsunami.

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18 AD. NASA - Daisyworld - This World Is Black and White.

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18 AD. NASA - Daisyworld - This World Is Black and White.

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16 AD. Oxygen Isotopes and the Paleoclimate Record.

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16 AD. Oxygen Isotopes and the Paleoclimate Record.

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Plant macrofossils.

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19 AD. The Nitrogen Cascade.