Further Reading List for London Lecture: 'How mud can be used for understanding Earth surface processes and time

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The reading list can also be found at https://www.geolsoc.org.uk/mudearthsurface

Popular Articles and Resources

1. Background Information and Resources

    a. Geological Society – The Year of Mud, 2015

        https://www.geolsoc.org.uk/mud15

    b. Nature – Down to Earth

        http://www.nature.com/news/down-to-earth-1.16751

2. Some of the ways we need and use mud

    a. BBC Future – Mud, mud, glorious vanishing mud

        http://www.bbc.com/future/story/20120209-mud-mud-glorious-vanishing-mud

    b. BBC Nature Prehistoric Life – Mud Fossils

        http://www.bbc.co.uk/nature/fossils#p00ckk6p

    c. The Open University – Palaeoenvironmental Change – Timescales

        http://palaeoenvironmentalchange.org/themes/timescales/

    d. BBC Earth – When global warming made our world super-hot

        http://www.bbc.com/earth/story/20150914-when-global-warming-made-our-world-super-hot

    e. BGS - Sea level and coastal changes

    f. http://www.bgs.ac.uk/discoveringGeology/climateChange/general/coastal.html?src=topNav

g. NASA Earth Observatory – The Slow Carbon Cycle

   http://earthobservatory.nasa.gov/Features/CarbonCycle/page2.php

h. NERC Planet Earth Online – Weathering: minerals, mud and microbes

   http://planetearth.nerc.ac.uk/features/story.aspx?id=150&cookieConsent=A

i. EGU Blogs – Cruising for mud: Sediments from the ocean floor as a climate indicator

   http://blogs.egu.eu/divisions/cr/2015/08/24/cruising-for-mud-sediments-from-the-ocean-floor-as-a-climate-indicator/

j. Marine Science – Introduction to mud flats and the biodiversity they support

   http://www.marinebio.net/marinescience/03ecology/mfintro.htm

Journal Articles and Books

1. Weedon, G. P., Jenkyns, H. C., Coe, A. L., and Hesselbo, S. P. Astronomical calibration of the Jurassic time-scale from cyclostratigraphy in British mudrock formations Philisophical Transactions A, v357, 1757, 2009. DOI: 10.1098/rsta.1999.0401