

Do you know of a colleague and/or student who would be interested in receiving these Bulletin Boards? Please forward to them. A quick email to Geosciences-BBoard@att.net with the word "subscribe" in the subject line and the email address will be added to the listing.

A smattering of articles that caught my eye over the month of June.



Geoscience Bulletin Board – June 2021 – compiled by Elaine J. Hanford

NASA thinks it can stop Yellowstone caldera eruption!!! LOL at the sheer audacity of such hubris!!!

- <https://www.msn.com/en-us/news/technology/how-nasa-s-3-5-billion-idea-could-save-earth-from-a-supervolcano-apocalypse/vi-AAKXfZ0>

Polynesians were first to see visit Antarctica about AD650 – long before Russians or Americans

- <https://www.msn.com/en-us/news/world/polynesians-beat-world-to-antarctica-by-1-000-years/ar-AAKWGsk>

Electromagnetic bursts precede some earthquakes

- <https://www.msn.com/en-us/news/technology/weird-electromagnetic-bursts-appear-before-earthquakes-and-we-may-finally-know-why/ar-AAKwnAZ>
- Paper: <https://earth-planets-space.springeropen.com/articles/10.1186/s40623-021-01416-1>

The core is not spherical but is dynamic

- <https://www.msn.com/en-us/weather/topstories/earth-s-core-is-growing-lopsidedly-a-new-study-suggests-and-it-s-been-doing-that-for-at-least-half-a-billion-years/ar-AAKYnHZ>

Understanding concepts of time

- <https://www.msn.com/en-us/news/technology/what-exactly-does-instantaneous-mean/ar-AAKYASf>

Paraceratherium linxiaense – fossil of 24-ton rhino in China dating to 26.5 myo

- <https://www.msn.com/en-us/news/world/scientists-found-an-ancient-fossilized-rhino-and-it-could-be-the-largest-mammal-in-history/ar-AALhh33>

Diamond rush in South Africa was really just quartz

- <https://www.msn.com/en-us/news/world/diamond-rush-goes-bust-when-stones-in-south-africa-determined-to-be-quartz/vi-AALk57x>

Dendrochronology reveals record of drought – study only covers past 1200 years but not all Holocene

- <https://www.msn.com/en-us/news/us/scientists-use-clues-from-trees-to-put-the-current-drought-into-perspective/vi-AALtnsi>
- paper: <https://science.sciencemag.org/content/368/6488/314>



Environmental Science Bulletin Board – June 2021 – compiled by Elaine J. Hanford

Annual reminder that “kissing bugs” transmit Chagas disease – commonly found in Latin America - also endemic to US – humans are reservoir species

- <https://www.msn.com/en-us/news/us/300k-americans-may-live-with-a-chronic-deadly-disease-transmitted-by-the-kissing-bug-what-is-chagas-and-why-are-doctors-missing-it/ar-AALd2U6>
- <https://www.usatoday.com/story/news/health/2021/06/19/kissing-bug-chagas-disease-doctors-may-missing-cases-study-finds/7636755002/>

US declines enforcing sanctions against company building Nord Stream 2 pipeline – follow the money

- <https://www.msn.com/en-us/news/politics/biden-received-funds-from-russian-lobbyist-before-conceding-on-major-pipeline-report/ar-AAKwaJZ>

Remains of 215 children found at Kamloops Indian Residential School in BC that closed in 1978

- <https://www.yahoo.com/news/remains-215-children-found-former-211955716.html>

Need new approaches to handling 4.5+ trillion pounds of garbage created by humans each year – recycling of plastic is “a joke”

- <https://www.msn.com/en-us/money/companies/trillions-of-pounds-of-trash-new-technology-tries-to-solve-an-old-garbage-problem/ar-AAKvT94>
- Link to download report: <https://openknowledge.worldbank.org/handle/10986/30317>

Agent Orange was banned from the Vietnam battlefield in 1971 but toxic legacy remains and the stockpile was sprayed here in Oregon until 1978

- <https://www.msn.com/en-us/news/world/how-two-incredible-women-declared-war-on-the-makers-of-agent-orange-sprayed-all-over-vietnam-and-the-u-s/ar-AAKv6jt>

The potential consequences of removing major highways from urban areas

- <https://www.yahoo.com/news/removing-highways-fix-americas-cities-142313339.html>

App lets you vicariously follow the path of a drop of water (and pollutants) across the US

- <https://www.fastcompany.com/90641430/this-map-lets-you-fly-along-the-path-of-a-drop-of-water-from-any-place-in-the-u-s>
- River Runner: <https://river-runner.samlearner.com/>

Carbon emissions created when building & powering EV – need to be owned & driven longer to begin to offset those emissions – otherwise cannot even begin to consider EVs “green”

- <https://www.msn.com/en-us/autos/news/electric-cars-need-to-be-driven-further-owned-longer-to-offset-embedded-carbon-report/ar-AAKxpwT>

Déjà vu all over again – US energy policy and the pursuit of failure – “wonder if a real crisis even exists”

- <https://www.msn.com/en-us/news/politics/us-energy-policy-and-the-pursuit-of-failure-again/ar-AAKyQZc>

Proposed Texas bill wisely would fix problems with power grid – ignores “global warming” alarmism

- <https://www.msn.com/en-us/news/us/texas-fix-after-blackout-doesn-t-dwell-on-climate-change/ar-AAKy4aZ>
- <https://www.msn.com/en-us/news/us/texas-fix-after-blackout-doesn-t-dwell-on-climate-change/ar-AAKy4aZ>

China eases birth limits for families – will allow up to 3 children

- <https://apnews.com/article/china-bd12b9c524853f33cca8db3a6930b936>

“green energy” jobs disappear as wind turbine factory in South Dakota closes

- <https://currently.att.yahoo.com/news/south-dakota-rocked-again-wind-043100112.html>

Massive fire at chemical plant in Illinois

- <https://www.yahoo.com/news/massive-fire-illinois-chemical-plant-152423099.html>

Air National Guard to conduct full-scale investigation of PFAS contamination in groundwater near Morris ANG Base in Tucson, Arizona

- https://tucson.com/news/local/national-guard-to-investigate-pfas-contamination-in-tucson-groundwater/article_917a90b2-ce40-11eb-acc8-23375010f02d.html

Unnecessary LA-Las Vegas high speed rail project now delayed

- <https://www.reviewjournal.com/business/tourism/las-vegas-la-high-speed-rail-plan-delayed-until-2022-2383729/>

New building standard maps out tornado threat – draft standard available for public comment

- <https://www.nist.gov/news-events/news/2021/06/major-new-building-standard-can-map-out-tornado-threat-first-time>

Hitting a golf ball in Yellowstone National Park is a federal offense

- <https://www.wsj.com/articles/hit-a-golf-ball-in-yellowstone-park-golf-jake-adams-national-parks-travel-11623001871?st=dssxjg1j4t7nlq5&mod=sbacq>

“Garbage belt” is overwhelming Chinese UNESCO World Heritage Site

- <https://www.msn.com/en-us/travel/tripideas/a-600-foot-garbage-belt-has-taken-over-a-chinese-unesco-world-heritage-site-and-is-overwhelming-local-herders-tasked-with-cleaning-it-up/ar-AALioTv>

Humans have significantly impacted river systems of the world – ranking largest dams

- <https://www.zmescience.com/other/feature-post/the-biggest-dams-in-the-world-the-definitive-list/>

Leaked draft of new IPCC report is more SOS – global warming hype – humans cannot evolve

- <https://www.msn.com/en-us/news/technology/someone-leaked-the-next-ipcc-report-here-s-how-experts-are-reacting/ar-AALqCSY>

Rattlesnakes (and other wild critters) entering urban areas as drought continues in California

- <https://www.msn.com/en-us/news/us/rattlesnakes-everywhere-the-odd-consequences-of-california-s-drought/ar-AALtbX7>

CORONAVIRUS

Coronavirus COVID-19 statistics by country (click on USA to get State statistics) & CDC tracker

- <https://www.worldometers.info/coronavirus/>
- <https://time.com/5800901/coronavirus-map/>
- interactive map s: <https://geodacenter.github.io/covid/map.html>
- CDC Weekly Tracker: <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covidview/>

“Worst cover-up in human history”

- <https://www.msn.com/en-us/news/politics/rep-mccaul-covid-origin-worst-cover-up-in-human-history/ar-AAKxhLp>

Opening Pandora’s Box at Wuhan – emergence of the virus – lab escapes happen about once a year

- <https://www.msn.com/en-us/video/peopleandplaces/did-people-or-nature-open-pandora-s-box-at-wuhan/vi-AAKvSzD>
- <https://unherd.com/thepost/nicholas-wade-the-case-for-the-covid-lab-leak-theory/>

How viral leaks can occur even from labs with “biosecurity” protocols – biggest risk from gain-of-function research

- <https://www.msn.com/en-us/health/medical/wondering-how-a-killer-virus-can-possibly-leak-out-of-a-secure-lab-this-is-how/ar-AAKy0PJ>

“Hygiene theater” needlessly persists

- <https://www.yahoo.com/lifestyle/temp-checks-digital-menus-touchless-124057363.html>

Potentially life-threatening Guillain-Barré syndrome just days after vaccination with AZ vaccine

- <https://www.msn.com/en-us/health/medical/six-australians-develop-potentially-deadly-syndrome-after-covid-jab/ar-AALjHLh>

Using “research” to fear monger

- <https://www.msn.com/en-us/health/medical/tree-pollen-can-carry-hundreds-of-covid-particles-scientists-warn/ar-AALk1Sj>

Genetic sequence show virus did not originate at Wuhan market – NIH website 45 sequences deleted

- <https://www.msn.com/en-us/news/world/deleted-gene-sequences-confirm-coronavirus-circulated-before-wuhan-seafood-market/ar-AALtfHM>
- Paper: <https://www.biorxiv.org/content/10.1101/2021.06.18.449051v1.full.pdf>

FDA adds warning on risk of myocarditis & pericarditis to mRNA vaccines

- <https://www.msn.com/en-us/health/medical/fda-adds-a-warning-to-covid-19-mrna-vaccines-about-risk-of-myocarditis-and-pericarditis/ar-AALsgP9>



Coastal Zone Management Bulletin Board – June 2021 – compiled by Elaine J. Hanford

“Sea snot” clogging ports, suffocating marine life & devastating fisheries in Turkey

- <https://www.businessinsider.com/turkey-sea-snot-crisis-devastates-fishing-marine-life-2021-5>

Tons of plastic waste from burning container ship washing ashore & polluting Sri Lanka -- Fire ravaged & sinking ship carried chemicals – data destroyed – monitoring Sri Lanka harbor – significant environmental damage

- <https://www.msn.com/en-us/news/world/plastic-waste-from-burning-ship-buries-sri-lanka-s-coastline/ar-AAKwhMK>
- <https://www.yahoo.com/news/data-recovered-ship-chemicals-sinking-051151630.html>

- <https://www.yahoo.com/news/un-sri-lankan-ship-fire-165604054.html>

Submarine cable from China to Europe

- <https://finance.yahoo.com/video/china-7-500-mile-undersea-121129223.html>

China poses security threat to project to lay Pacific submarine cable

- <https://nypost.com/2021/06/18/pacific-undersea-cable-project-sinks-after-u-s-warns-against-chinese-bid/>

China begins laying 6.8 km-long submarine tunnel linking to Hong Kong

- <https://www.theconstructionindex.co.uk/news/view/laying-begins-for-chinese-immersed-tube-tunnel>

Toxic algae blooms may be causing MND along portions of Australian coast

- <https://www.yahoo.com/news/rates-paralyzing-disease-mysteriously-high-153243692.html>

Raising questions on coastal flooding & sea walls

- <https://www.msn.com/en-us/news/us/for-flood-prone-cities-seawalls-raise-as-many-questions-as-they-answer/ar-AALIM4A>

Portions of coastal cities built on “reclaimed” land – subsidence inevitable

- <https://www.yahoo.com/news/miami-condo-collapse-devastating-reminder-182722731.html>