Climate Change Education and Action Summit

Presentation Bibliography

Many of these articles are not primary references which means that they are the original source and sometimes draw conclusion or linkages that are not explicitly stated in the actual primary material. When using information like this it is important to make an assessment of the source. Is the article an information or opinion piece? Who paid for the article? Is the article biased based on its funding or institutional leaning?

Climate Weirding with Katherine Hayhoe
https://www.youtube.com/channel/UCi6RkdaEqgRVKi3AzidF4ow

https://www.lenntech.com/greenhouse-effect/global-warming-history.htm

https://www.epa.gov/ghgemissions/overview-greenhouse-gases#overview
https://ourworldindata.org/greenhouse-gas-emissions

https://www.statista.com/statistics/1091926/atmospheric-concentration-of-co2-historic/
https://news.cornell.edu/stories/2021/10/more-999-studies-agree-humans-caused-climate-change

https://www.forbes.com/sites/trevornace/2017/05/17/glacier-national-park-may-need-to-be-renamed-will-soon-have-no-glaciers/?sh=2a45c32c7b7b

https://www.npr.org/sections/thetwo-way/2017/05/11/527941678/disappearing-montana-glaciers-a-bellwether-of-melting-to-come

https://research.noaa.gov/article/ArtMID/587/ArticleID/2461/Carbon-dioxide-levels-hit-record-peak-in-May

https://concordma.gov/DocumentCenter/View/17470/5-Tips-for-Communicating-about-Climate-Change

https://research.noaa.gov/article/ArtMID/587/ArticleID/2764/Coronavirus-response-barely-slows-rising-carbon-dioxide

https://blogs.scientificamerican.com/plugged-in/why-we-know-about-the-greenhouse-gas-effect/

http://www.atmo.arizona.edu/students/courselinks/fall16/atmo336/lectures/sec1/composition.html

https://www.ipcc.ch/assessment-report/ar6/

Conger Ice Shelf

https://theconversation.com/conger-ice-shelf-has-collapsed-what-you-need-to-know-according-to-experts-180077

https://arstechnica.com/science/2021/11/scientists-extend-and-straighten-iconic-climate-hockey-stick/

https://www.zmescience.com/ecology/pollution-ecology/carbon-dioxide-levels-highest-08062021/

https://earth.org/myths-about-climate-change/
https://skepticalscience.com/

https://pod-point.com/guides/driver/benefits-of-electric-cars

Energy Use in Petroleum Refineries
https://www.osti.gov/servlets/purl/7261027

https://e360.yale.edu/digest/fossil-fuels-received-5-9-trillion-in-subsidies-in-2020-report-finds

https://taraenergy.com/blog/renewable-energy-need-to-know/

https://www.geocraft.com/WVFossils/last_400k_yrs.html

https://www.quantamagazine.org/how-earths-climate-changes-naturally-and-why-things-are-different-now-20200721/

https://www.nytimes.com/article/climate-change-global-warming-faq.html (**paywall**)

https://subjecttoclimate.org/resource/footprint-calculator

https://ourworldindata.org/explorers/climate-change

https://www.bostonharbornow.org/wp-content/uploads/2017/02/Preparing-for-the-Rising-Tide-FINAL.pdf

https://concordma.gov/2295/Climate-Resilience

https://grist.org/article/james-hansens-legacy-scientists-reflect-on-climate-change-in-1988-2018-and-2048/

https://www.ipcc.ch/report/sixth-assessment-report-working-group-i/

Climate Change in the news

https://www.theguardian.com/environment/2022/may/18/critical-climate-indicators-broke-records-in-2021-says-un

https://www.bbc.com/future/article/20201130-climate-change-the-mystery-of-siberias-explosive-craters

Solutions to Reduce & Mitigate Climate Change

https://www.greenpeace.org/canada/en/story/47285/say-no-to-a-deal-in-palm-oil-deforestation/

https://www.mass.gov/info-details/ma-decarbonization-roadmap

https://malegislature.gov/bills/192/S9

https://www.wri.org/insights/6-ways-remove-carbon-pollution-sky

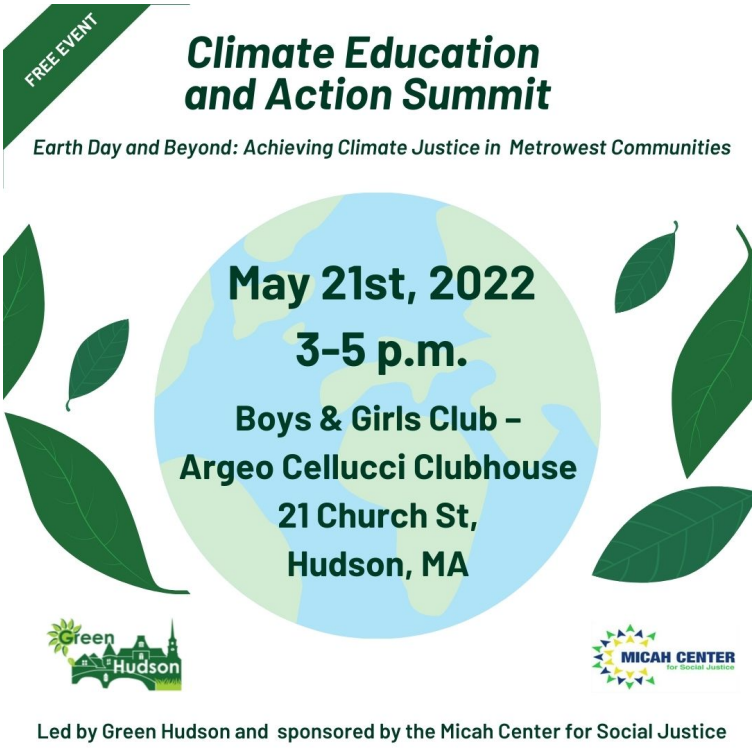
https://news.mit.edu/2019/mit-engineers-develop-new-way-remove-carbon-dioxide-air-1025

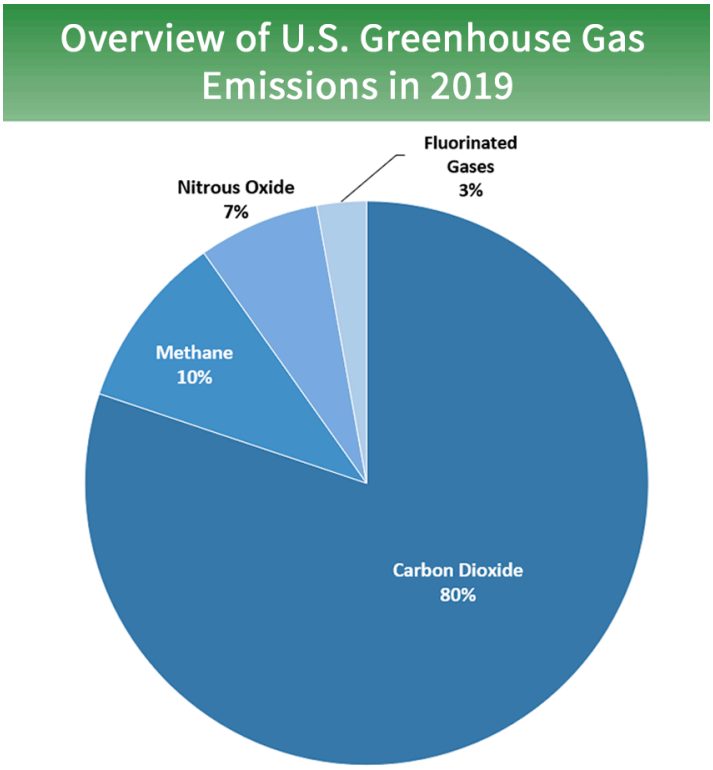
https://www.ipcc.ch/assessment-report/ar6/

https://drawdown.org/

Social Media Kit

Don't argue on social media.
Make a distinction between presenting facts and opinion
Fact check your information before posting and avoid biased or articles that are geared towards political statements rather than facts.

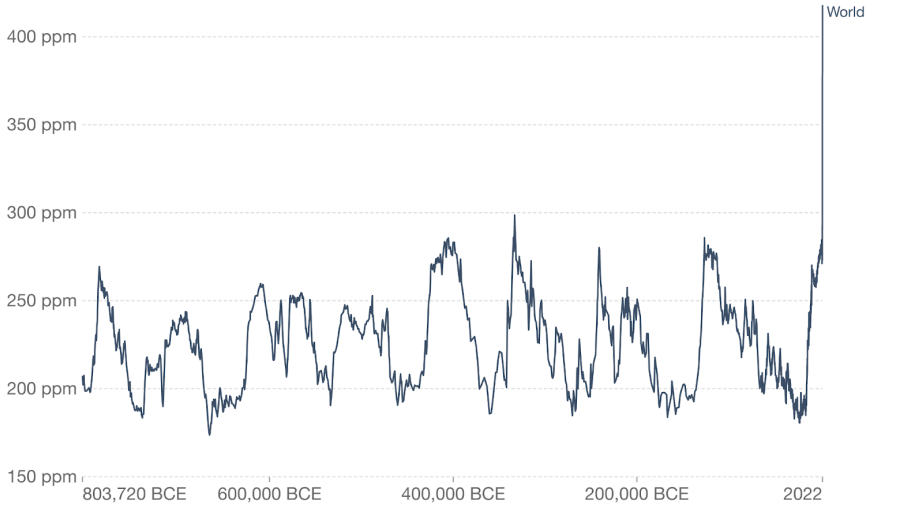



Overview of U.S. Greenhouse Gas Emissions in 2019
Fluorinated Gases 3%
Nitrous Oxide 7%
Methane 10%
Carbon Dioxide 80%

Global atmospheric CO_2 concentration

Atmospheric carbon dioxide (CO_2) concentration is measured in parts per million (ppm). Long-term trends in CO_2 concentrations can be measured at high-resolution using preserved air samples from ice cores.

Our World in Data



Source: National Oceanic and Atmospheric Administration (NOAA)

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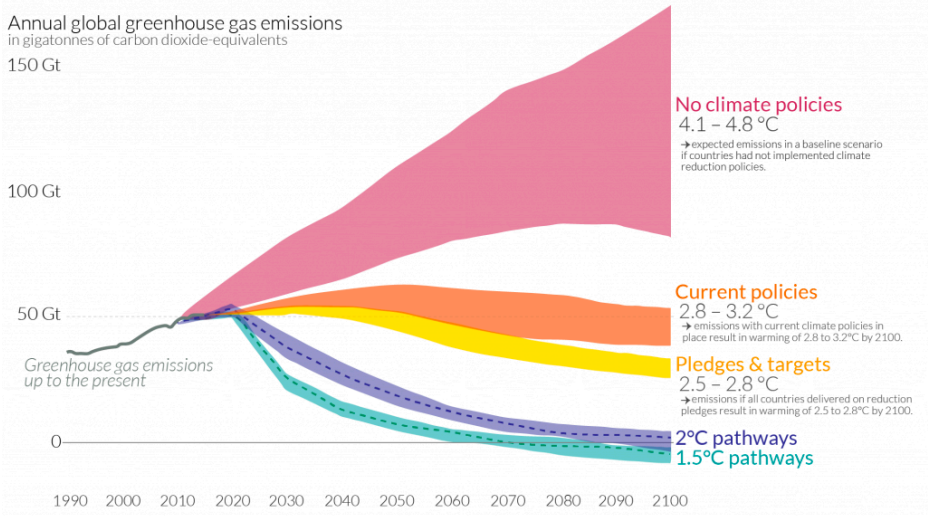
Global greenhouse gas emissions and warming scenarios

– Each pathway comes with uncertainty, marked by the shading from low to high emissions under each scenario.
– Warming refers to the expected global temperature rise by 2100, relative to pre-industrial temperatures.

Our World in Data



Data source: Climate Action Tracker (based on national policies and pledges as of December 2019).
OurWorldinData.org – Research and data to make progress against the world's largest problems.


photo: William O. Field
photo: Bruce F. Molnia