

Collaborations between Skeptical Science and other groups to spread fact-based information

EGU 2025 – EOS1.1 - EGU25-1439

Bärbel Winkler – Skeptical Science



INTRODUCTION TO SKEPTICAL SCIENCE

- Skeptical Science (SkS) is a website and non-profit science education organization with international reach founded by John Cook in 2007.
- Main objective is to debunk misconceptions and misinformation about human-caused climate change
- Features a database that currently has more than 250 rebuttals based on peer-reviewed literature.
- SkS has evolved from a one-person operation to a multinational team project and formal NGO.

The screenshot shows the homepage of Skeptical Science. At the top, there is a navigation bar with flags of various countries and the site's logo, "Skeptical Science", with the tagline "Getting skeptical about global warming skepticism". Below the navigation bar, there are links for Home, Arguments, Software, Resources, Comments, The Consensus Project, Translations, About, and Support. A search bar is located on the left side. The main content area features a featured article titled "Explaining climate change science & rebutting global warming misinformation" with a sub-headline "Global warming is real and human-caused. It is leading to large-scale climate change. Under the guise of climate 'skepticism', the public is bombarded with misinformation that casts doubt on the reality of human-caused global warming. This website gets skeptical about global warming 'skepticism'." Below this is a mission statement: "Our mission is simple: debunk climate misinformation by presenting peer-reviewed science and explaining the techniques of science denial, discourses of climate delay, and climate solutions denial." There are three buttons: "Newcomers, start here", "History of Climate Science", and "The Big Picture". A section titled "2025 SkS Weekly Climate Change & Global Warming News Roundup #14" is posted on 6 April 2025 by BaerbelW, Doug Bostrom, and John Hartz. It includes a list of 36 news and opinion articles. At the bottom, there are links for "IPCC FACTS", "Guide to RCPS", "the consensus project", and "TREND CALCULATOR". On the right side, there is a "Cranky Uncle" cartoon character and a badge for "Winner of the 2011 Australian museum Eureka Prize Advancement of climate change knowledge".

COLLABORATIONS OVERVIEW

Klimafakten



NAUKA O KLIMACIE
DLA SCEPTYCZNYCH

REPUSTAR



IUD

INSTITUT FÜR ÜBERSETZEN
UND DOLMETSCHEN

GIGAFACT

 Columbia Law School | COLUMBIA CLIMATE SCHOOL
SABIN CENTER FOR CLIMATE CHANGE LAW



Skeptical Science



KLIMAFAKTEN – 2011 and ongoing

Klimafakten

Started in November 2011 as our German-language partner website with 18 debunkings of climate myths, most as translations of our rebuttals



Collaborated on various publication announcements over the years



From some German rebuttals on Skeptical Science we simply link to the translation on Klimafakten to avoid double work.

Positive und negative Auswirkungen der globalen Erwärmung

Wissenschaftliche Belege zeigen...

Die negativen Auswirkungen der globalen Erwärmung auf die Landwirtschaft, Gesundheit, Wirtschaft und Umwelt wiegen weit schwerer als etwaige Vorteile.

Der Irrglauben...

"Die vergangenen zwei Jahrtausende der Menschheitsgeschichte zeigen, dass Warmzeiten für Menschen gut waren. Es waren die harten Zeiten des unsicheren, finsternen Mittelalters und der kleinen Eiszeit, die stärkere Stürme, Frost zu Unzeiten, weitverbreitete Hungersnöte und Epidemien brachten." (Dennis Avery)

Eine einführende Erklärung zu diesem Argument wurde als Blog-Eintrag veröffentlicht: "Die guten, die schlechten und die hässlichen Auswirkungen des Klimawandels"

Mehr Infos zu diesem Argument gibt es auf



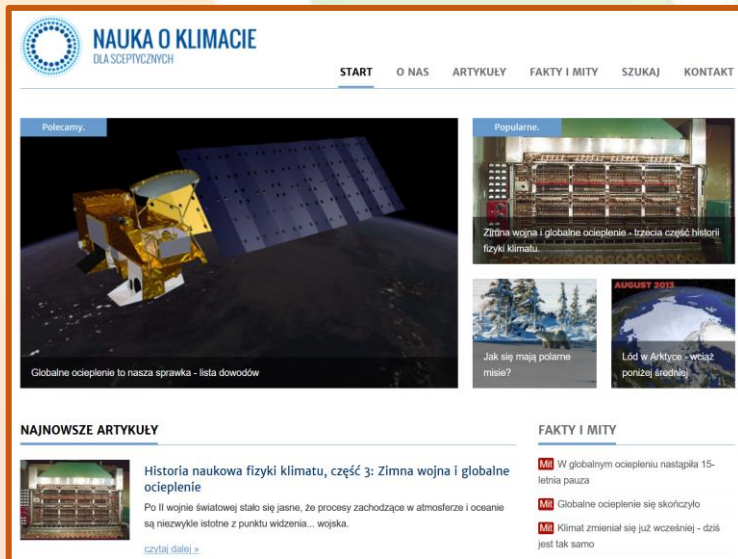
NAUKA O KLIMACIE – 2013 and ongoing

Started in 2013 as our Polish partner website, Nauka O Klimacie team members translated many of our rebuttals into Polish



NAUKA O KLIMACIE
DLA SCEPTYCZNYCH

Polish rebuttal translations on SkS link back to Nauka O Klimacie



Meeting Szymon Malowski (left) and Marcin Popkiewicz (right) next to their poster at EGU2018



Czy zwierzęta i rośliny przystosują się do zmiany klimatu?

Co mówi nauka...

Jest mocny związek między wieloma przypadkami masowego wymierania i zmianami klimatu. Ponieważ współczesne zmiany następują bardzo szybko, zwykłe sposoby dostosowania gatunków, takie jak migracja, najczęściej są niemożliwe. Globalna zmiana jest zbyt powszechna i dzieje się za gwałtownie.

Argument sceptyków...

Zwierzęta i rośliny mogą się dostosować
Koralowce, drzewa, płaki, ssaki i motyle dobrze się adaptują do rzeczywistości zmieniającego się klimatu (źródło: Hudson Institute)

Więcej informacji na temat tego mitu jest na stronie Nauka o Klimacie:



NAUKA O KLIMACIE
DLA SCEPTYCZNYCH

Skeptical Science



UQX / DENIAL101X – 2015 TO 2024

On April 28th, 2015 our collaboration with the University of Queensland (Uqx) kicked off with the Massive Open Online Course (MOOC) “Making Sense of Climate Science Denial.”



At EGU2021 I had a PICO presentation about Denial101x with an interactive slide-deck

Denial101x – Making sense of climate science denial
Bärbel Winkler and John Cook - EGU21-8576 – EOS3.2 – Monday April 26, 2021

- Massive Open Online Course
- 40,000+ participants from 180+ countries since 2015
- 60 lectures about climate science and debunking misconceptions
- 40 expert interviews to go along with the lectures
- Interactive exercises which often trigger discussions in the forums
- Lectures follow the Fact-Myth-Fallacy structure of effective debunking

UQx provided the technical means to create Denial101x on the edX-platform. Many of the lecturers and all forum moderators were members of our SkS team.

In April 2025 we had to announce that Denial101x will no longer be available as a MOOC

UQx Denial101x Making Sense of Climate Science Denial
@denial101x · 5.14K subscribers · 178 videos
Climate change is real, so why the controversy and debate? Learn to make sense of the s...more

Home Videos Playlists

Created playlists

- Denial101x - Week 6 Full Interviews (8 videos)
- Denial101x - The Climate of Middle Earth (3 videos)
- Denial101x - Week 5 Full Interviews (11 videos)
- Denial101x - Week 4 Full Interviews (5 videos)
- Denial101x - Week 3 Full Interviews (8 videos)
- Denial101x - Week 2 Full Interviews (11 videos)
- Denial101x - Week 1 Full Interviews (11 videos)
- Denial101x: Golden Nuggets (12 videos)



Our MOOC Denial101x has run its course

Posted on 7 April 2025 by BärbelW

Many of you will know that in collaboration with the University of Queensland we created and ran the massive open online course (MOOC) "Denial101x - Making sense of climate science denial" on the edX platform. Within nine years - between April 2015 and February 2024 - we offered 15 runs of our MOOC, most of them long-running versions in self-paced mode but also a few delivered as shorter paced versions with new lectures starting on a weekly schedule.

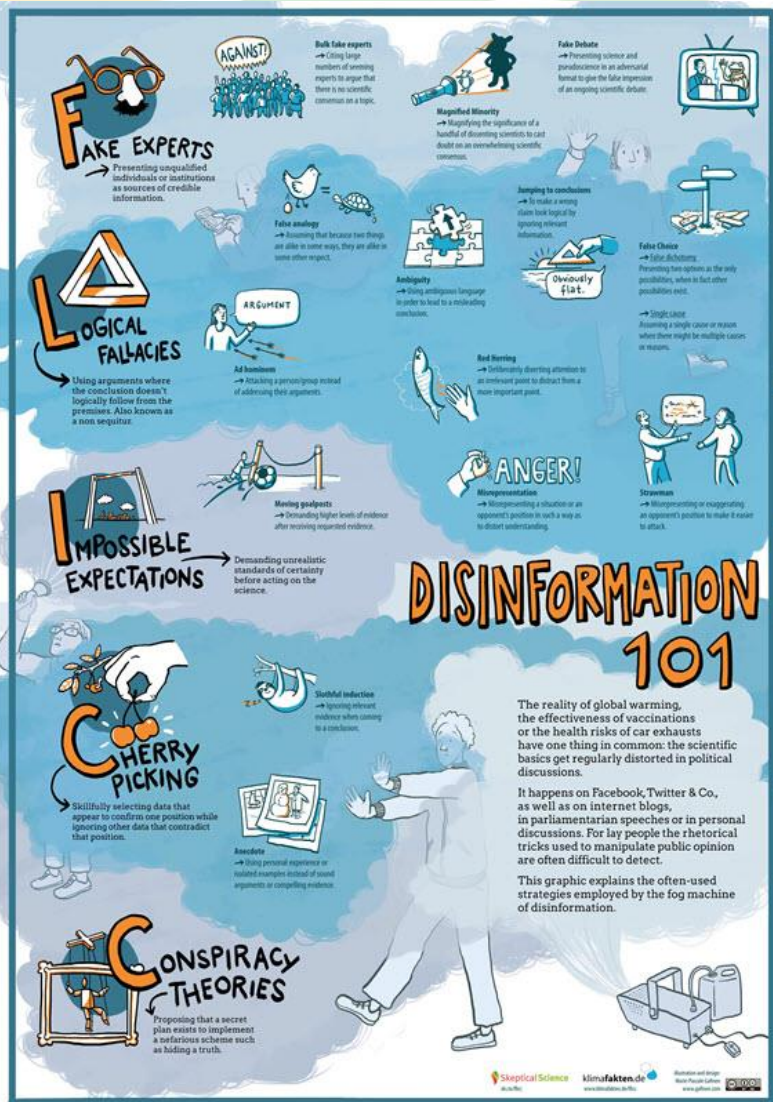
Sharp-eyed observers may have noticed that there was no announcement made last year in February about a next run after the one started in 2023 ended. As the saying goes, "all good things must come to an end" and this is what happened last year when the university decided to no longer offer Denial101x on the edX-platform.



FLICC-POSTER – 2020 and ongoing

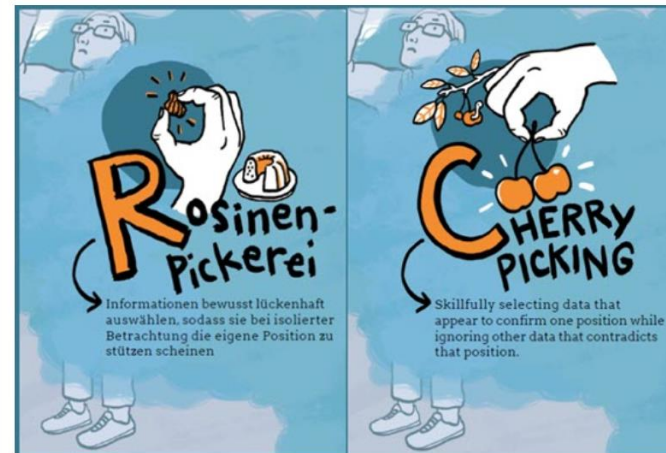
Klimafakten

All translations are accessible via <https://sks.to/flicc-poster>



Getting creative

But, the texts were not everything, as some of the techniques have different names in English and German, like for example "Rosinenpickerei" (picking raisins) in German which is "Cherry Picking" in English. In addition to the text, the graphics needed to be adapted as well:



In the German version of the poster the logical fallacy of "misrepresentation" was creatively depicted as flipping an "M" to a "W" to turn "Mut" (courage) into "Wut" (rage). It proved to be quite a challenge to find a good and equally creative equivalent in English, so Toralf and I enlisted the help of our respective teams at Klimafakten and Skeptical Science. In the end we settled on "plucking" the "D" from "Danger" to turn it into "anger":



REPUSTAR – 2021



REPUSTAR

In 2021 we were invited by Repustar to contribute to their fact checking project by publishing short fact briefs based on our rebuttals. For several months we collaborated with them and created 15 fact briefs.



REPUSTAR

Thursday, Apr 08, 2021

1 Has the planet stopped warming in recent years?

By John Cook | For Skeptical Science

This Fact Brief was written because of claims encountered here.

1 - A closed question which can be answered via "Yes" or "No"

2 - Author and contributing organization

3 - "Yes" or "No" response

4 - Summary response providing most important information

5 - Link to relevant rebuttal

6 - Most relevant sources

7 - Related Fact Briefs

NO Earth has continued to warm in recent years, with 19 of 20 of the warmest years on record since 1880 occurring since 2000.

The warming trend slowed in the 2000s before picking up sharply around 2014. The temporary slow-down is attributable to known factors accounted for in climate models, including:

- The El Niño Southern Oscillation, which caused heat to be stored in the oceans.
- Volcanic eruptions, which spread sunlight-reflecting dust into the upper atmosphere.
- Low sun-spot activity, which reduced the amount of solar energy reaching earth.
- Increased air pollution, which reflected sunlight in the same manner as volcanic dust.
- An omission of Arctic temperatures from the global average.

Although these factors temporarily masked warming, it is clear that Earth's heat energy is increasing due to greenhouse gases preventing heat from escaping, causing long-term warming.

See a full discussion of this at Skeptical Science

Sources

NASA Global Temperature

UQx Denial101x Making Sense of Climate Science Denial Making sense of the slowdown

Revision History (3 revisions)

Skeptical Science

Skeptical Science is a non-profit science education organization. Our goal is to remove a roadblock to climate action by building public resilience against climate misinformation. We achieve this by publishing, debunking of climate myths as well as providing resources for educators, communicators, scientists, and the general public. Skeptical Science was founded and is led by John Cook, a research fellow at the Climate Change Communication Research Hub at Australia's Monash University.

Repustar @GetRepustar Normal 0%

No, water vapor is NOT more responsible for climate change than carbon dioxide.

Check out this recent Fact Brief from @skepticalscience and remember to mention @FactSparrow when you encounter fishy climate science claims!

Is water vapor more responsible for climate change than carbon dioxide? Water vapor is a climate feedback rather than a climate forcing, meaning that it does not initiate warming, but instead amplifies existing warming from another...

@repustar.com

7:52 AM · Apr 29, 2021 · Twitter Web App

Additional Fact Briefs published on Repustar

Posted on 13 July 2021 by BaerbelW

With an initial batch of eight published Fact Briefs we announced our partnership with the fact-checking organization Repustar at the end of April 2021. Since then, work has progressed in the background and seven more Fact Briefs have been published and are now available for quick rebuttals.

Do ice core records showing that warming preceded CO2 rise cast doubt on greenhouse warming?

Thursday, Jul 08, 2021

NO Antarctic ice core records dating back 800,000 years suggest that increases in carbon dioxide lagged behind increases in temperature by a couple of hundred years. This observation has been used by some to incorrectly claim that modern CO2 emissions cannot be causing a rise in temperature. This misconception is based on the false dichotomy that warming is either driven by CO2 or CO2 is driven by warming. In reality, both are true.

Recent anthropogenic global warming cannot be explained by natural cycles, which are in their cooling phase.

See a full discussion of this at Skeptical Science

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Is carbon dioxide incapable of warming the planet any more than it already has?

NO - As CO₂ accumulates in the atmosphere, trapping and re-radiating heat, Earth continues to warm. Rising CO₂ acts like a blanket, reducing the amount of energy escaping into space and causing the lower atmosphere, and surface, to warm.

A long-standing misconception is that the greenhouse effect is "saturated," suggesting that adding more CO₂ will not increase the amount of energy being trapped. This view fails to recognize that the atmosphere consists of multiple layers. [Read more ...](#)

Is carbon dioxide incapable of warming the planet any more than it already has?

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Read more ...

See a full discussion of this at Skeptical Science

Do natural climate cycles disprove that modern global warming is caused by humans?

Thursday, Jul 8, 2021

NO During Earth's last glacial period between 120,000 and 11,500 years ago, a number of approximately 1,500-year temperature cycles occurred. Also known as Dansgaard-Deschger events, the cycles caused a transfer of heat between the northern and southern hemispheres, producing a "seesaw effect": when one hemisphere cooled, the other warmed.

See a full discussion of this at Skeptical Science

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GIGAFACT – 2024 AND ONGOING

G i G A F A C T

In spring 2024 we were approached by Gigafact – Repustar’s successor project – if we were interested to re-start the fact brief collaboration. Since then, we have published more than 30 new fact briefs based on our rebuttals.

Friday, Mar. 14, 2025

Is waste heat from industrial activity the reason the planet is warming?

Sue Bin Park, Skeptical Science

NO Waste heat's contribution to global warming is a small fraction of that brought about by carbon dioxide. Waste heat comes from the thermal energy released by human energy use, such as when power plants burn coal or combustion engines burn gasoline.

Dividing the total amount of waste heat by Earth's surface area, Flanner found about 0.03 Watts per square meter of total warming was from waste heat, about 1% Carbon dioxide's greenhouse gas effect added 2.9 Watts per square meter.

Zhang and Caldeira published in 2015 that 1.71% of warming was from the direct heat energy released by fossil fuel combustion, the main source of waste heat.

Carbon dioxide, which makes it more difficult for heat to escape the atmosphere, is the primary driver of climate change. While reducing waste heat is beneficial for efficiency, addressing global warming requires lowering greenhouse gas emissions.

See a full discussion of this at Skeptical Science

This fact brief is responsive to conversations such as [this one](#).

Sources

- Geophysical Research Letters Time scales and ratios of climate forcing due to thermal versus carbon dioxide emissions from fossil fuels
- Atmospheric Environment Global anthropogenic heat flux database with high spatial resolution
- Geophysical Research Letters Integrating anthropogenic heat flux with global climate models
- NSF National Center for Atmospheric Research Anthropogenic Heat Flux
- Scientific Data Global 1-km present and future hourly anthropogenic heat flux

FACT BRIEF

Skeptical Science is partnering with Gigafact to produce fact briefs — bite-sized fact checks of trending claims. You can submit claims you think need checking via the [tipline](#).

Posted on 15 March 2025 by Sue Bin Park

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Carbon dioxide, which makes it more difficult for heat to escape the atmosphere, is the primary driver of climate change. While reducing waste heat is beneficial for efficiency, addressing global warming requires lowering greenhouse gas emissions.

Go to full rebuttal on Skeptical Science or to the fact brief on Gigafact

This fact brief is responsive to quotes such as the one highlighted here.

Sources

- Geophysical Research Letters Time scales and ratios of climate forcing due to thermal versus carbon dioxide emissions from fossil fuels
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Fact Briefs Summary Page

FACT BRIEF Skeptical Science is partnering with Gigafact to produce fact briefs — bite-sized fact checks of trending claims. We announced this (renewed) collaboration in April 2024 in a blog post and have been publishing one fact brief on many Saturdays since then. You can submit claims you think need checking via the [tipline](#).

List of fact briefs published on Skeptical Science and Gigafact

The table below will be updated regularly to show the already published fact briefs.

Fact brief question	Fact Brief	Rebuttal	Gigafact
Was an Ice Age predicted in the 1970s?	sks.to/gfb-1970s	sks.to/1970s	On Gigafact
Did global warming stop in 1998?	sks.to/gfb-1998	sks.to/1998	On Gigafact
Is Antarctica gaining land ice?	sks.to/gfb-antarctica	sks.to/antarctica	On Gigafact
Does breathing contribute to CO2 buildup in the atmosphere?	sks.to/gfb-breath	sks.to/breath	On Gigafact
Have climate models overestimated global warming?	sks.to/gfb-model	sks.to/model	On Gigafact
	sks.to/gfb-acid-1	sks.to/acid	On Gigafact
Are activities harmful to the environment?	sks.to/gfb-acid-2	sks.to/acid	On Gigafact
Are global warming trends exaggerated?	sks.to/gfb-mwp	sks.to/mwp	On Gigafact
Will there be more CO2 in the atmosphere?	sks.to/gfb-lag	sks.to/lag	On Gigafact

G i G A F A C T

Skeptical Science

Recent Fact Briefs from Skeptical Science

<p>April 10, 2025</p> <p>Is the sun responsible for global warming?</p> <p>NO</p>	<p>April 3, 2025</p> <p>Is Mars warming?</p> <p>NO</p>	<p>March 14, 2025</p> <p>Is waste heat from industrial activity the reason the planet is warming?</p> <p>NO</p>	<p>March 7, 2025</p> <p>Is Greenland losing land ice?</p> <p>YES</p>
<p>February 28, 2025</p> <p>Are high CO2 levels harmless because they also occurred in the past?</p> <p>NO</p>	<p>February 13, 2025</p> <p>Is sea level rise exaggerated?</p> <p>NO</p>	<p>February 7, 2025</p> <p>Is methane the largest driver of recent global warming?</p> <p>NO</p>	<p>January 25, 2025</p> <p>Is global warming promoting biodiversity?</p> <p>NO</p>

Wisconsin Watch Newsletters

About us Recent stories Coverage areas Major projects

FACT BRIEF

Have climate models overestimated global warming?

by John Mason / Skeptical Science June 3rd, 2024 Why you can trust Wisconsin Watch

No. Climate models have correctly predicted how the planet would warm due to human greenhouse gas emissions.

Some of our fact briefs have been shared by other Gigafact partners like the Wisconsin Watch!



SABIN CENTER – 2024

Columbia Law School | COLUMBIA CLIMATE SCHOOL
SABIN CENTER FOR CLIMATE CHANGE LAW

In spring 2024 we became aware of a neat report published by the Sabin Center for Climate Change Law at Columbia Law School in which they debunked 33 myths about renewable energy and electric vehicles. The only shortcoming of the report was its publication as a PDF making it impossible to directly link to a specific rebuttal. We touched base with them and then collaborated on the creation of 33 individual rebuttals getting us from just 9 to 42 debunkings in the “It’s too hard” category in our taxonomy.



Columbia Law School | COLUMBIA CLIMATE SCHOOL
SABIN CENTER FOR CLIMATE CHANGE LAW

REBUTTING 33 FALSE CLAIMS ABOUT SOLAR, WIND, AND ELECTRIC VEHICLES

PART A: FALSE CLAIMS ABOUT SOLAR ENERGY (#1-#14)

False Claim #1: Electromagnetic fields from solar farms are harmful to human health.

"The EMF (electromagnetic field) from solar farms poses serious health risks especially to those who have electromagnetic hypersensitivity."

The electromagnetic fields generated at a solar farm are similar in strength and frequency to those of toaster ovens and other household appliances—and harmless to humans. A detailed analysis from North Carolina State University concluded that there is "no conclusive and consistent evidence" of "negative health impact[s]" from the EMF [electromagnetic fields] produced in a solar farm.³²

EMF exposure levels vary according to the EMF source, proximity to the source, and duration of the exposure.³² On a solar farm, EMFs are highest around electrical equipment such as inverters. However, even when standing next to the very largest inverter at a utility-scale solar farm, one's exposure level (up to 1,050 milligauss, or mG) is less than one's exposure level while operating an electric can opener (up to 1,500 mG), and well within accepted exposure limits (up to 2,000 mG).³² When standing just nine feet from a residential inverter, or 150 feet from a utility-scale inverter, one's exposure drops to very low levels of 0.5 mG or less, and in many cases . . . less than background levels (0.2 mG).³² For comparison, a typical American's average background exposure level is 1mG, reaching 6 mG when standing three feet from a refrigerator, and 50 mG when standing three feet from a microwave.³⁵

The electromagnetic fields present on a solar farm constitute "non-ionizing radiation," which, by definition, generates "enough energy to move atoms in a molecule around (experienced as heat), but not enough energy to remove electrons from an atom or molecule (ionize) or to damage DNA."³⁶ In addition, EMFs are extremely low in frequency, which means they contain "less energy than other commonly encountered types of non-ionizing radiation like radio waves, infrared radiation, and visible light."³⁷

Are solar panels generating too much waste?

What the science says...

Waste from solar panels is trivial compared to the waste generated by fossil fuels, with coal ash generating 300-800 times more waste, and oily sludge generating 2-5 times more waste than PVs.

Climate Myth...

Solar panels generate too much waste and will overwhelm landfills.

"Solar panels pose a huge risk for overflowing the landfills." (How solar affects you)

Link to this page: sks.to/solarwaste

Climate Myths sorted by taxonomy

- It's not happening**
 - Temp record is unreliable
 - Hockey stick is broken
- It's not us**
 - There's no empirical evidence
 - Climate's changed before
 - Medieval Warm Period was warmer
 - Was Greenland really green in the past?
- It's not bad**
 - Climate sensitivity is low
 - Earth hasn't warmed as much as expected
 - Infrared Iris will reduce global warming
- It's too hard**
 - CO2 limits will harm the economy
 - Climate change solutions are too expensive
 - Renewable energy investment kills jobs

It's too hard

- CO2 limits will harm the economy
- Climate change solutions are too expensive
- Renewable energy investment kills jobs

It's not Urgent

- Electromagnetic fields from solar farms are harmful to human health
- Toxic heavy metals leach out from solar panels and pose a threat to human health
- Solar panels generate too much waste and will overwhelm landfills
- Clearing trees for solar panels negates any climate change benefits
- Solar energy is worse for the climate than burning fossil fuels
- Solar projects harm biodiversity
- Solar projects will hurt farmers and rural communities
- Solar development will destroy jobs
- Reliance on solar will make the United States dependent on China and other countries
- Utility-scale solar farms destroy the value of nearby homes
- Solar energy is more expensive than fossil fuels and completely dependent on subsidies
- Solar panels don't work in cold or cloudy climates
- Solar energy is unreliable
- We do not have sufficient mineral resources for [large-scale] solar development
- Electromagnetic radiation from wind turbines poses a threat to human health
- Wind turbines are error prone and a threat to human health and safety
- Low-frequency noise from wind turbines harms human health and causes shadow flicker from wind turbines can trigger seizures in people with epilepsy
- Wind turbines are a major threat to birds, bats, and other wildlife.
- Offshore wind development is harmful to whales and other marine life.
- Producing and transporting wind turbine components releases more carbon dioxide than burning fossil fuels
- Wind turbines generate an unsustainable amount of waste
- Wind turbines take up too much land
- Wind power - particularly offshore wind power - is too expensive
- Wind turbines are bad for farmers and rural communities
- Wind energy is bad for U.S. jobs
- Wind turbines destroy nearby property values
- Wind energy is unreliable
- Wind turbines are very noisy
- Electric vehicles have a net harmful effect on climate change
- Electric vehicles will cost the United States many automobile industry jobs
- Electric vehicles are impractical due to range restrictions
- Electric vehicles cannot function in hot or cold weather

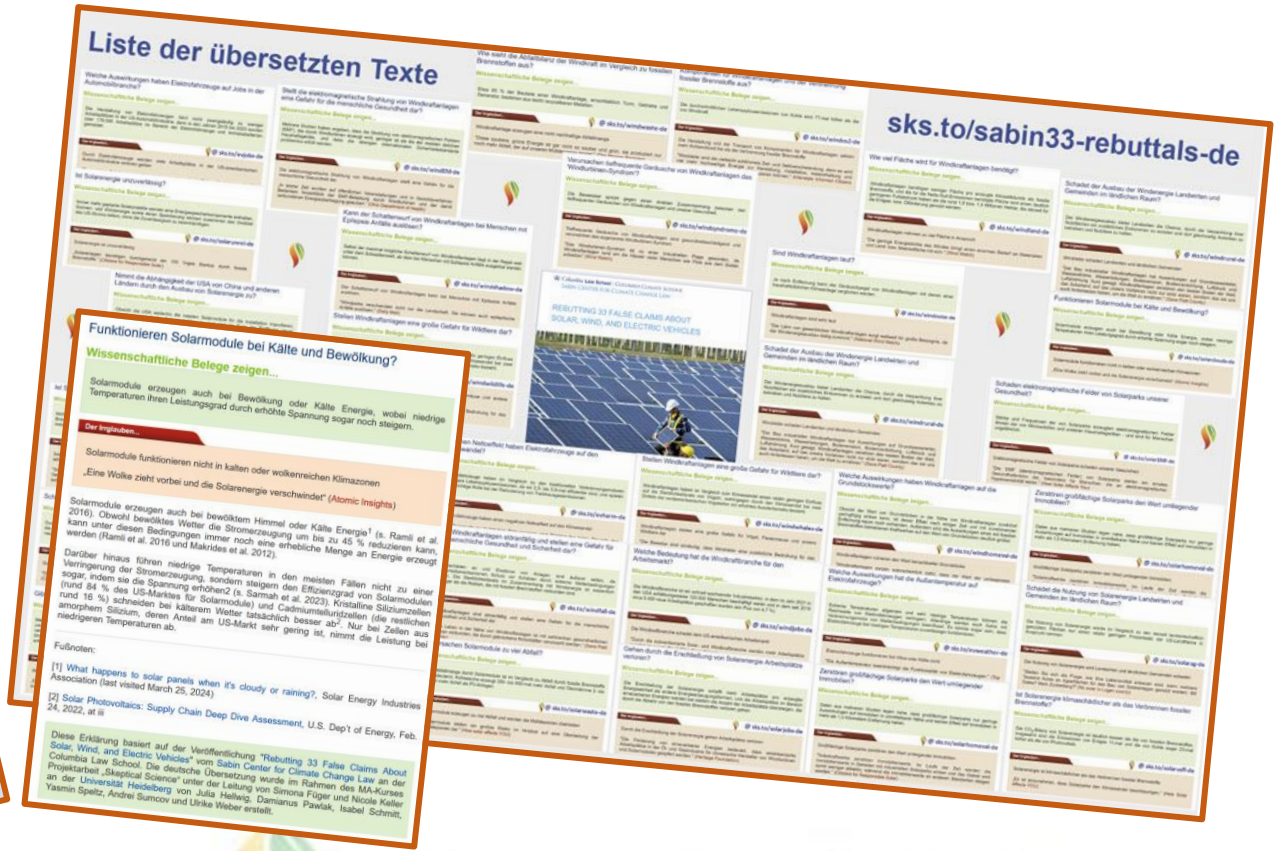
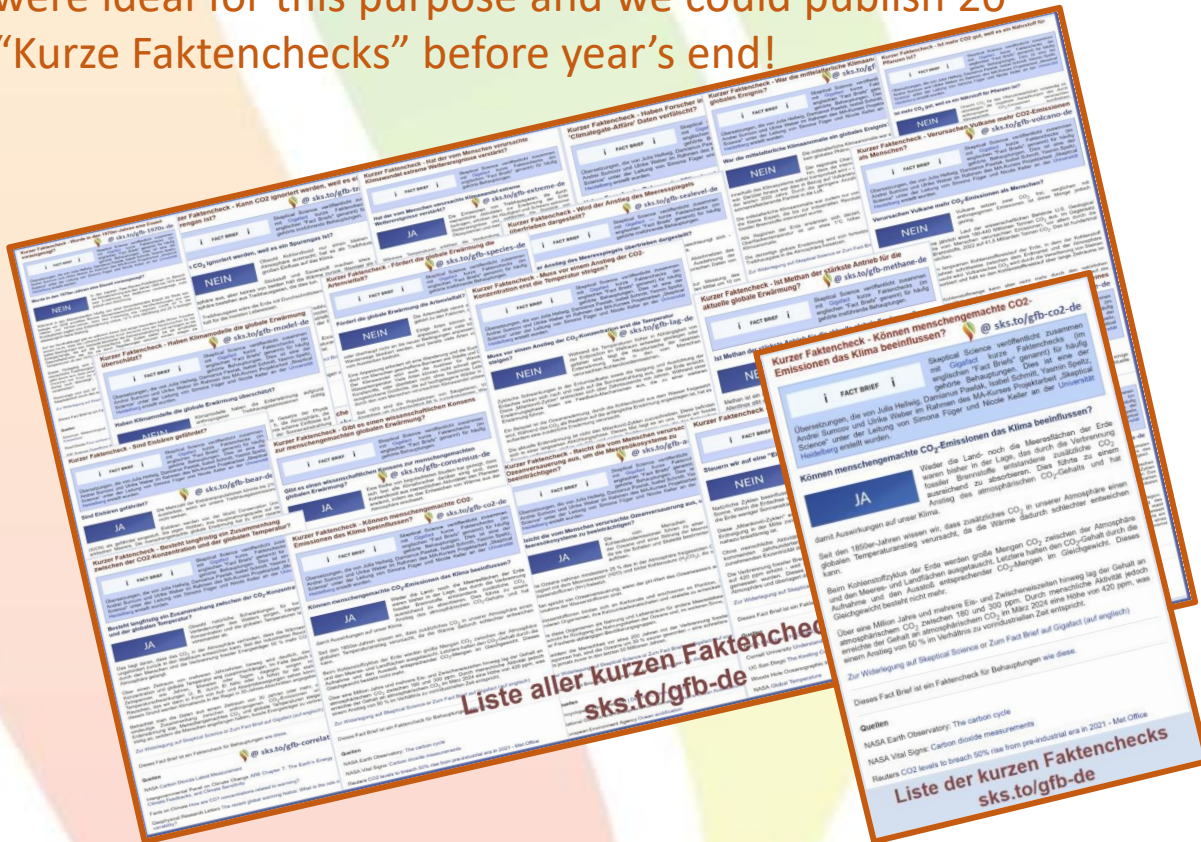


UNIVERSITY HEIDELBERG – 2024/2025



In summer 2024 we were approached by the Institute for translations at the University Heidelberg. They were looking for suitable texts their students could translate as course work during the autumn. We decided that the short fact briefs were ideal for this purpose and we could publish 20 “Kurze Faktenchecks” before year’s end!

During the second half of the course, the students tackled the 33 rebuttals based on the report published by the Sabin Center for Climate Change Law. In February 2025 we received these translations and have now published all of them.



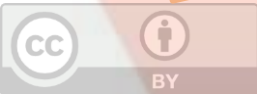
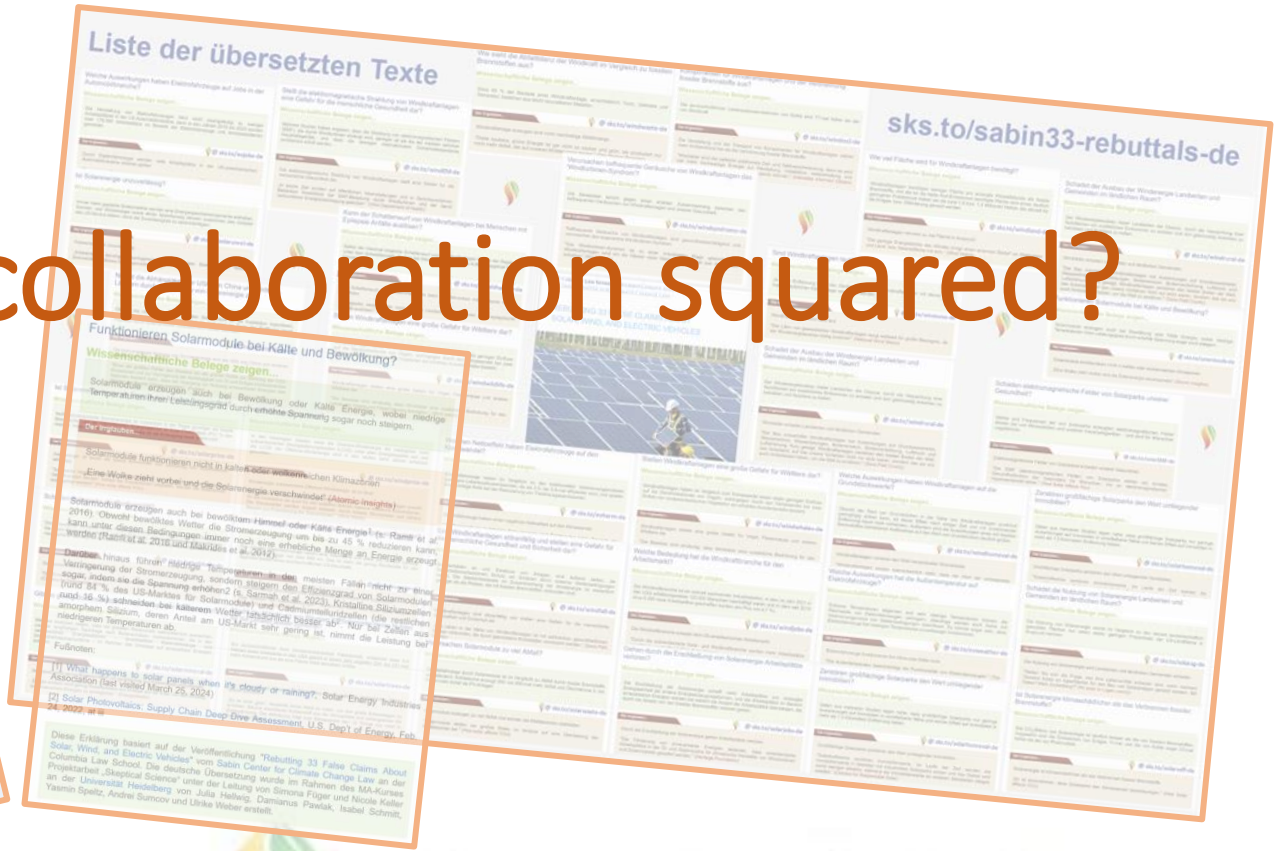
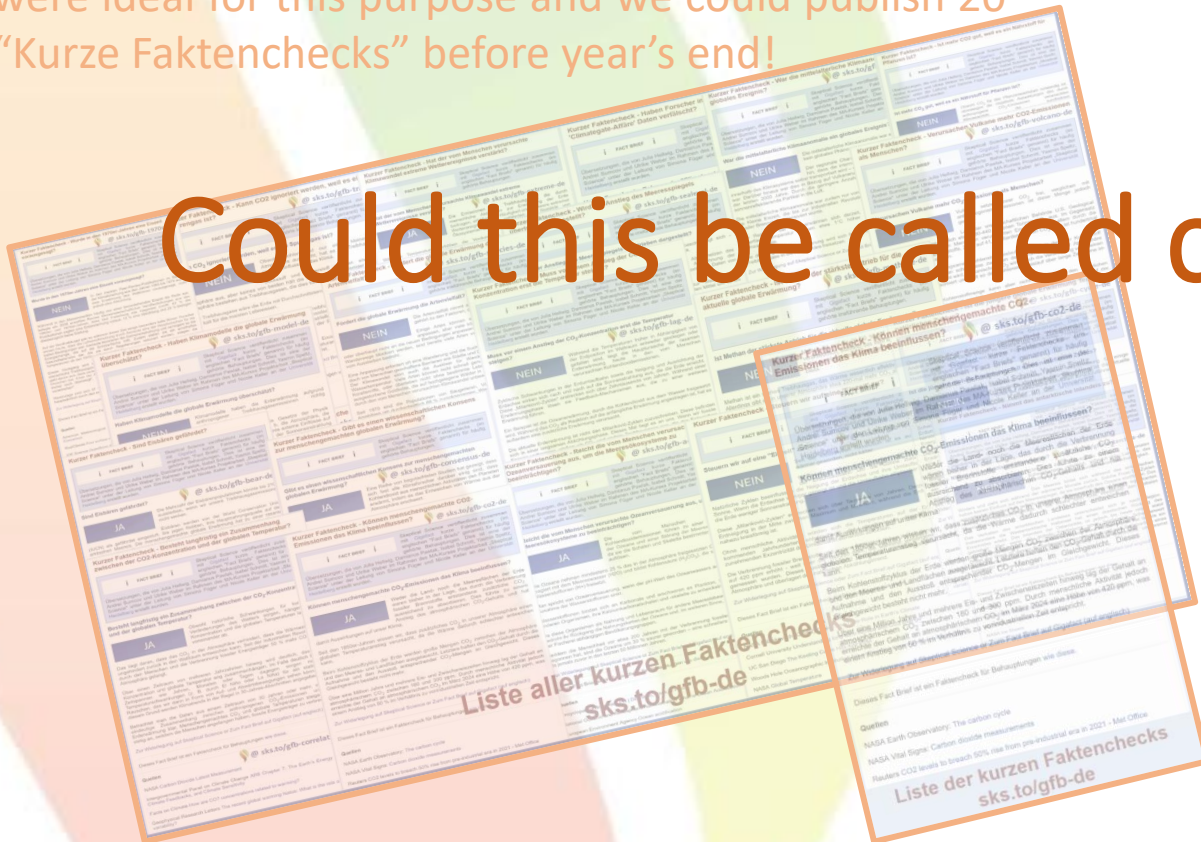
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Could this be called collaboration squared?



Skeptical Science

Thanks!

Bärbel Winkler

Skeptical Science

baerbelw@skepticalscience.com

Abstract & Full presentation



Companion Blog Post



Skeptical Science

AUTHOR INFORMATION

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Fellbach, Germany



Bärbel Winkler lives and works in Germany. She has always had a lot of interest in environmental issues and has been active as a volunteer at the local zoo and a conservation group for many years. Over time and while learning more and more about it, Bärbel became increasingly aware and concerned about climate change and what it will mean for generations to come. As a means to turn her concerns regarding climate change into something productive, Bärbel joined the Skeptical Science team in 2010 and started translating selected content into German. Since 2013 she has been coordinating the translation efforts for all languages, contributes a blog-post every once in a while, helps with many projects and became co-author of several consensus-related studies the Skeptical Science team has published over the years. From 2015 to 2024 she also coordinated the moderation team for the online course “Denial101x – Making sense of climate science denial”.

<https://sks.to/BaerbelW>

LIST OF LINKS

INTRODUCTION

Skeptical Science – <https://skepticalscience.com>

Companion article – <https://sks.to/EGU25-Collaborations>

KLIMAFAKTEN

Homepage – <https://klimafakten.de> (German)

Partnership – <https://skepticalscience.com/klimafakten-leveraging-SkepticalScience-content.html>

NAUKA O KLIMACIE

Homepage – <https://naukaoklimacie.pl/> (Polish)

DENIAL101X

Announcement – <https://skepticalscience.com/uq-offering-mooc-denial101x.html>

Interactive PDF (EGU 2021) - <https://skepticalscience.com/docs/EGU21-Denial101x-vPico.pdf>

End of the MOOC – <https://skepticalscience.com/mooc-denial101x-run-its-course.html>

FLICC-POSTER

Announcement – <https://sks.to/flicc-poster-collab>

Overview page – <https://sks.to/flicc-poster>

REPUSTAR

Announcement – <https://skepticalscience.com/collaboration-with-repustar-provide-fact-briefs.html>

GIGAFACT

Announcement – <https://skepticalscience.com/gigafact-and-skeptical-science-collaborate-to-create-fact-briefs.html>

List of all fact briefs – <https://sks.to/gfb>

List on Gigafact - <https://gigafact.org/contributors/skeptical-science/>

SABIN CENTER FOR CLIMATE CHANGE LAW

Announcement – <https://sks.to/sabin33-blog>

Report (PDF) – <https://sks.to/sabin33-report>

List of rebuttals – <https://sks.to/sabin33-rebuttals>

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Oral | Thursday, 01 May, 12:00–12:10 (CEST) ■ Room -2.93

Collaborations between Skeptical Science and other groups to spread fact-based information

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Skeptical Science is a volunteer-run website publishing refutations of climate misinformation. Some members of the Skeptical Science team actively research best-practices refutation techniques while other team members use these findings to share debunking techniques effectively either in writing or through presentations. During 2024, our team collaborated with other groups specializing in fact checking and countering misinformation about the climate crisis. With this submission we highlight two of these collaborations:

- **Creating fact briefs in collaboration with Gigafact**
Fact briefs are short, credibly sourced summaries that offer “yes/no” answers in response to claims found online. They rely on publicly available, often primary source data and documents. Fact briefs are created by contributors to Gigafact — a nonprofit project looking to expand participation in fact-checking and protect the democratic process.
- **Turning a PDF-based report refuting 33 climate solutions myths into stand-alone rebuttals**
In early 2024 we spotted an impressive report addressing climate solutions misinformation, "*Rebutting 33 False Claims About Solar, Wind, and Electric Vehicles*," written by members of the Sabin Center for Climate Change Law at Columbia Law School. We collaborated with the authors to create 33 stand-alone rebuttals based on the report's content to make it possible to link to each of the rebuttals directly.

Both of these collaborations help with sharing fact-based information in order to counter mis- and disinformation spread online.

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