





# The Detection and Attribution of Northern Hemisphere Land Surface Warming (1850–2018) in Terms of Human and Natural Factors: Challenges of Inadequate Data

IPCC

4%

IPCC TSI 1950 TSI 2

IPCC

CERES



1850 IPCC IPCC

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CO2

192 30

## 4. ?

CO2

Posted in ??, ??? | No Comments »

## ESG

?? - Tuesday, October 24th, 2023



LifestyleVisuals/iStock

????????????????????2024????????ESG??ESG??  
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1. ??????????45????????????

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**2. ???????????????????**



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ESG??



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Posted in ??????????, ???, ?? | No Comments »

# ALPS?????????????????? ???

?????????IEEI? · Thursday, October 19th, 2023

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?? ?? · Friday, October 13th, 2023



Liudmila Chernetska/iStock

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- 1980?????????????????????
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**Don't overstate 1.5 degrees C threat, new IPCC head says**



1.5????????????1.5??  
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**Bill Gates sees 'a lot of climate exaggeration' out there: 'The climate is not the end of the planet. So the planet is going to be fine'**



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4. ?????????

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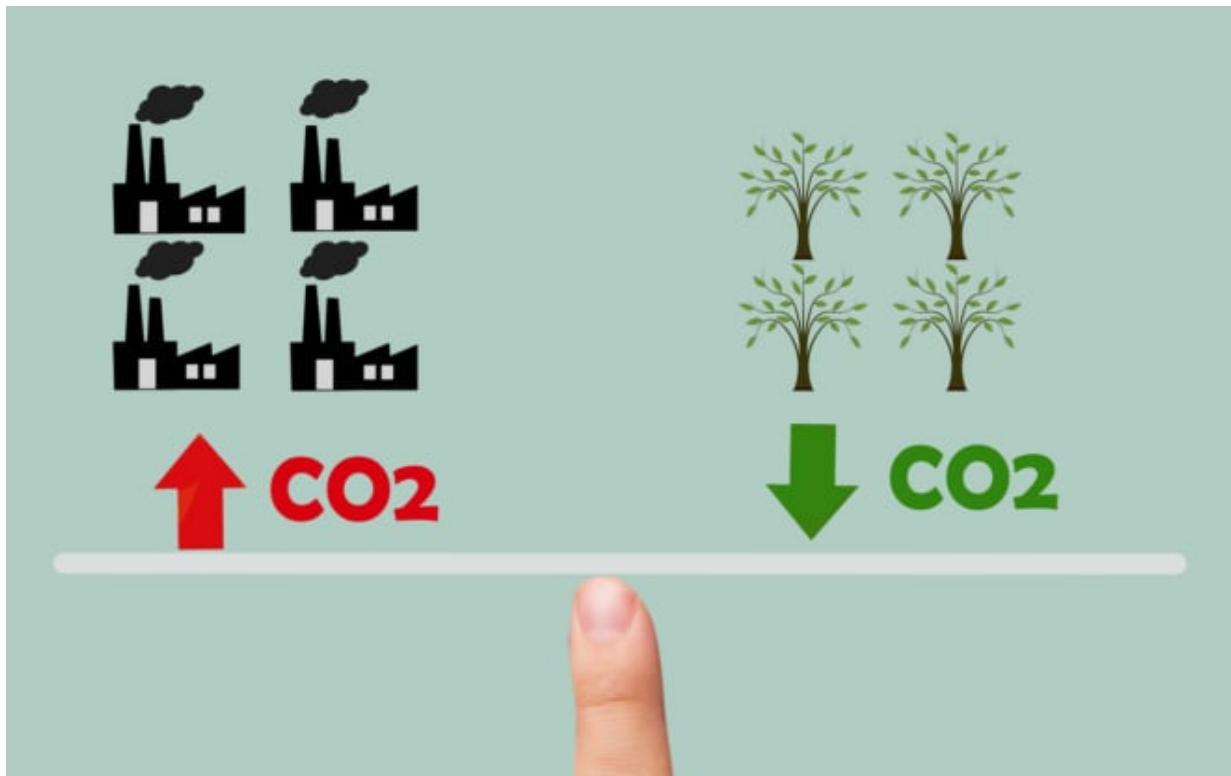
The main conclusion of this part of the study is that even an order of magnitude increase of CO<sub>2</sub> in the atmosphere by human activities, which at the present rate of input is not expected within the next several thousand years, may not be sufficient to produce a runaway greenhouse effect on Earth. On the short time scale, if CO<sub>2</sub> is augmented by another 10 percent in the next 30 years, the increase in the global temperature may be as small as 0.1°K.

??CO2?????1????????????????????????????  
????????????????????????????CO2??30??10????????????????????0.1°K????????????

Posted in ???, ????? | No Comments »

2026????????????????????????????????

?? ?? · Saturday, October 7th, 2023











2023 ESG 2030 2040  
023 CO2 1 CO2 CO2

4 12,009

2022 GX 2023 10 2023 9 19 188

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- CO2
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CO2  
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3  
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1,500  
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11  
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COP27



CO2

REDD+



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Posted in ??????????, ??? | No Comments »

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?? ?? · Tuesday, October 3rd, 2023



KEN226/iStock

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Posted in ???, ????? | No Comments »

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?? ?? · Monday, October 2nd, 2023



metamorworks/iStock

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Posted in ???, ????????? | No Comments »



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Posted in ??????????, ??, ?? | No Comments »

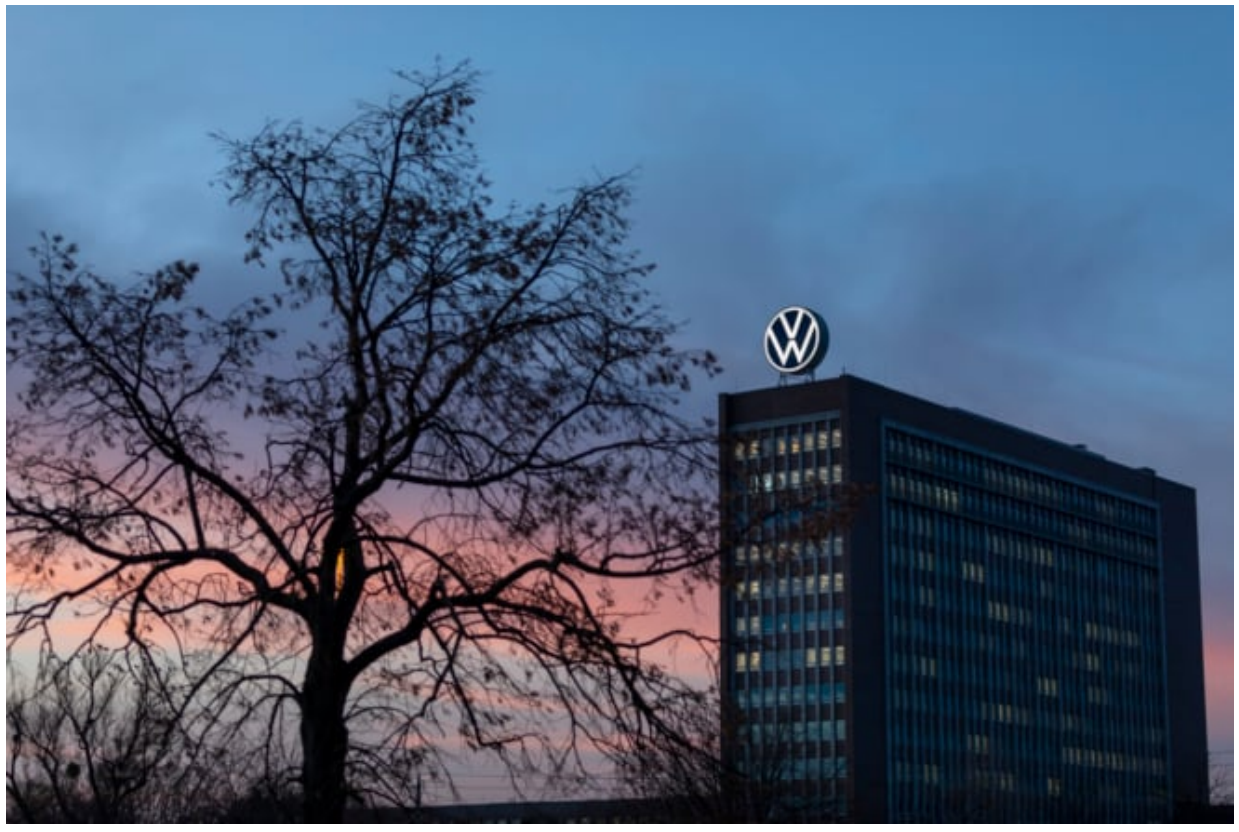
**????????????????**  
?? ?? · Friday, September 29th, 2023

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Ilari Nackel/iStock

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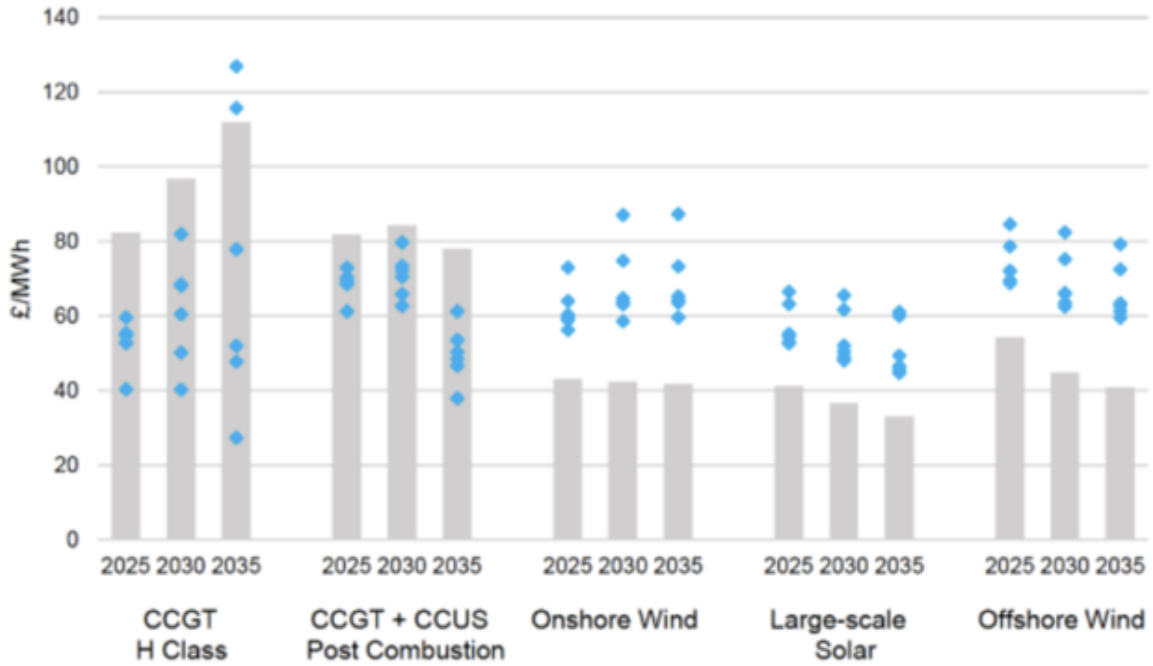


Posted in ???, ????? | No Comments »









BEIS Electricity Generation Costs 2022

LCOE 2025 2035 54 40 /MWh 2025 67 85 /MWh 2035 60 80 /MWh

2035 LCOE 1.52 2021 8

Posted in , | No Comments »

· Thursday, September 21st, 2023



Maks\_Lab/iStock

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Posted in ??????????, ??? | [No Comments »](#)

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?? ??? ?? · Tuesday, September 12th, 2023



Gwengoat/iStock

1980-1970-SED-83-SED-F  
DJ-“”-30-  
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36-16-  
- 40 / 82 -  
25.10.2023





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Posted in ???, ?? | No Comments »

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?? ?? · Thursday, September 7th, 2023

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axz66/iStock

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CBAM????

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Posted in ??????????, ???, ????? | No Comments »

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?? ? · Monday, August 28th, 2023



dima\_zel/iStock

??GCR????????????????????[PDF](#)????12??????  
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Posted in ???, ????, ???? | No Comments »

### ????????????”???? “????????????

?? ?? · Sunday, August 27th, 2023

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????????????IPCC????????????1.5????????????1.5????????????  
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### Don't overstate 1.5 degrees C threat, new IPCC head says

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Inc.: Inside Corporate America's Social Justice  
Scam????????????

### Vivek Ramaswamy says the 'climate change agenda' is a hoax

????????????Climate Change isn't  
Everything????????????





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??CO2????2030?46%????????????????????????????  
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Posted in ????????????, ??? | No Comments »

?????2????????CO2????????????????????????????????

?? ?? · Tuesday, August 22nd, 2023







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? State Farm Test: ???

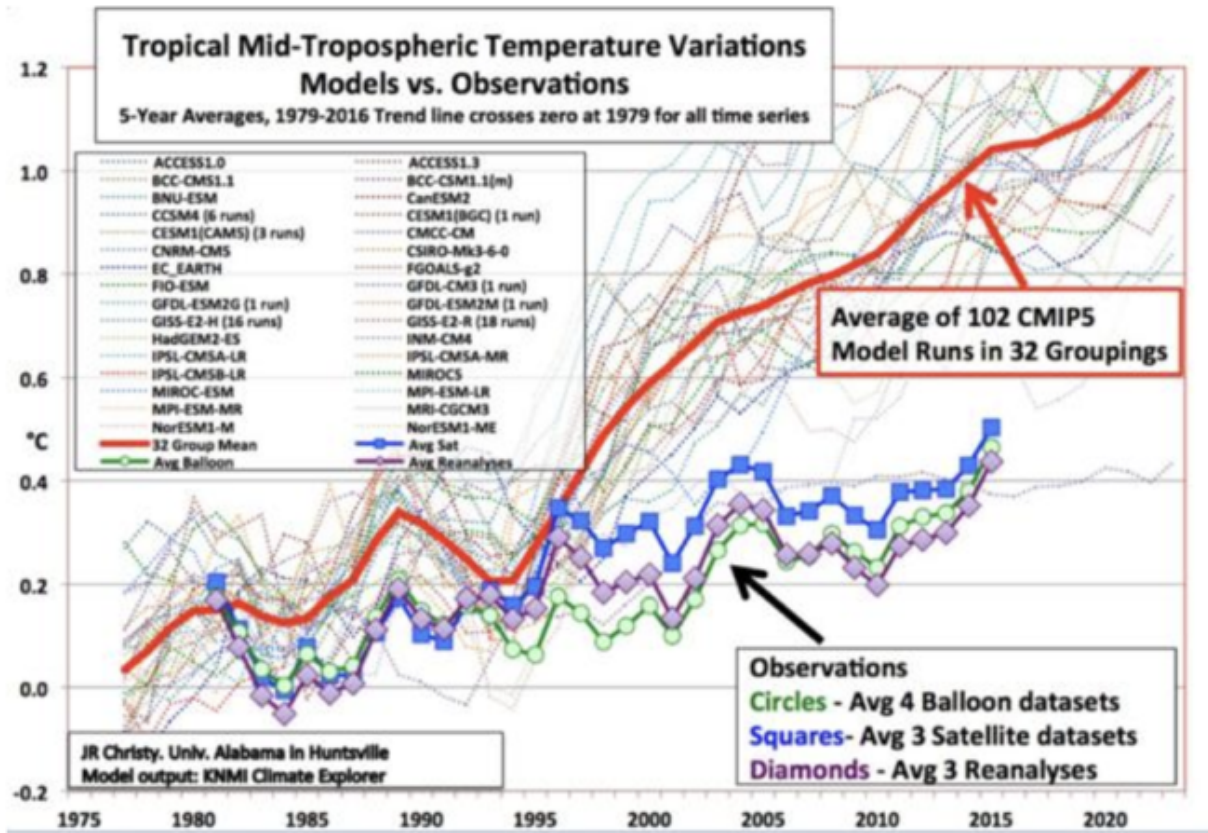
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1. EPA????????????????????????????????????
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The main conclusion of this part of the study is that even an order of magnitude increase of CO<sub>2</sub> in the atmosphere by human activities, which at the present rate of input is not expected within the next several thousand years, may not be sufficient to produce a runaway greenhouse effect on Earth. On the short time scale, if CO<sub>2</sub> is augmented by another 10 percent in the next 30 years, the increase in the global temperature may be as small as 0.1°K.

Posted in ???, ????? | No Comments »

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?? ?? · Friday, August 18th, 2023



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Luisa Trescher Photos/iStock



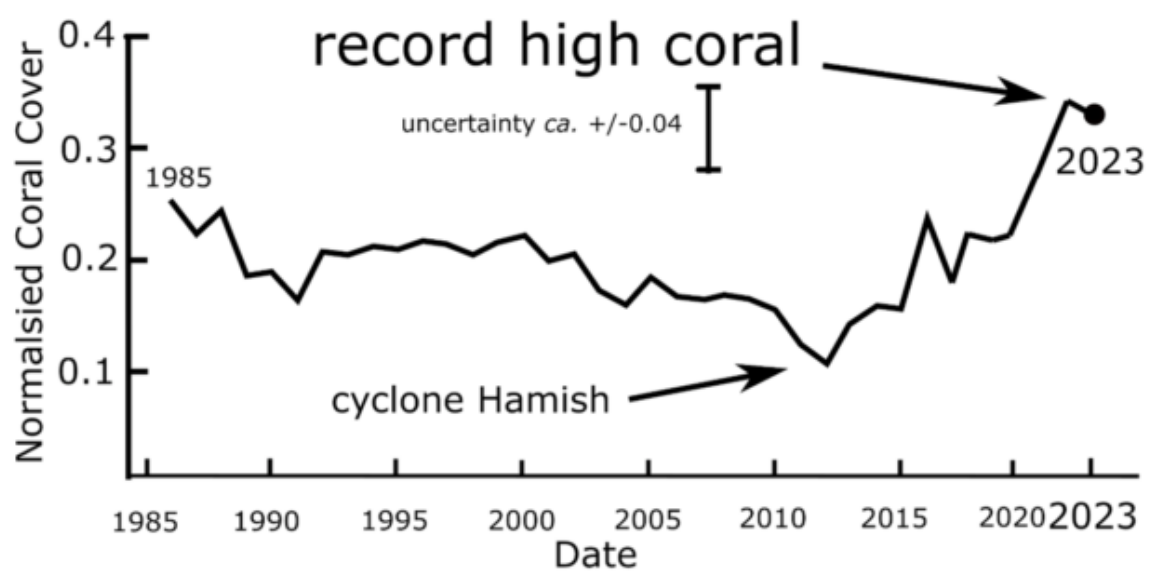
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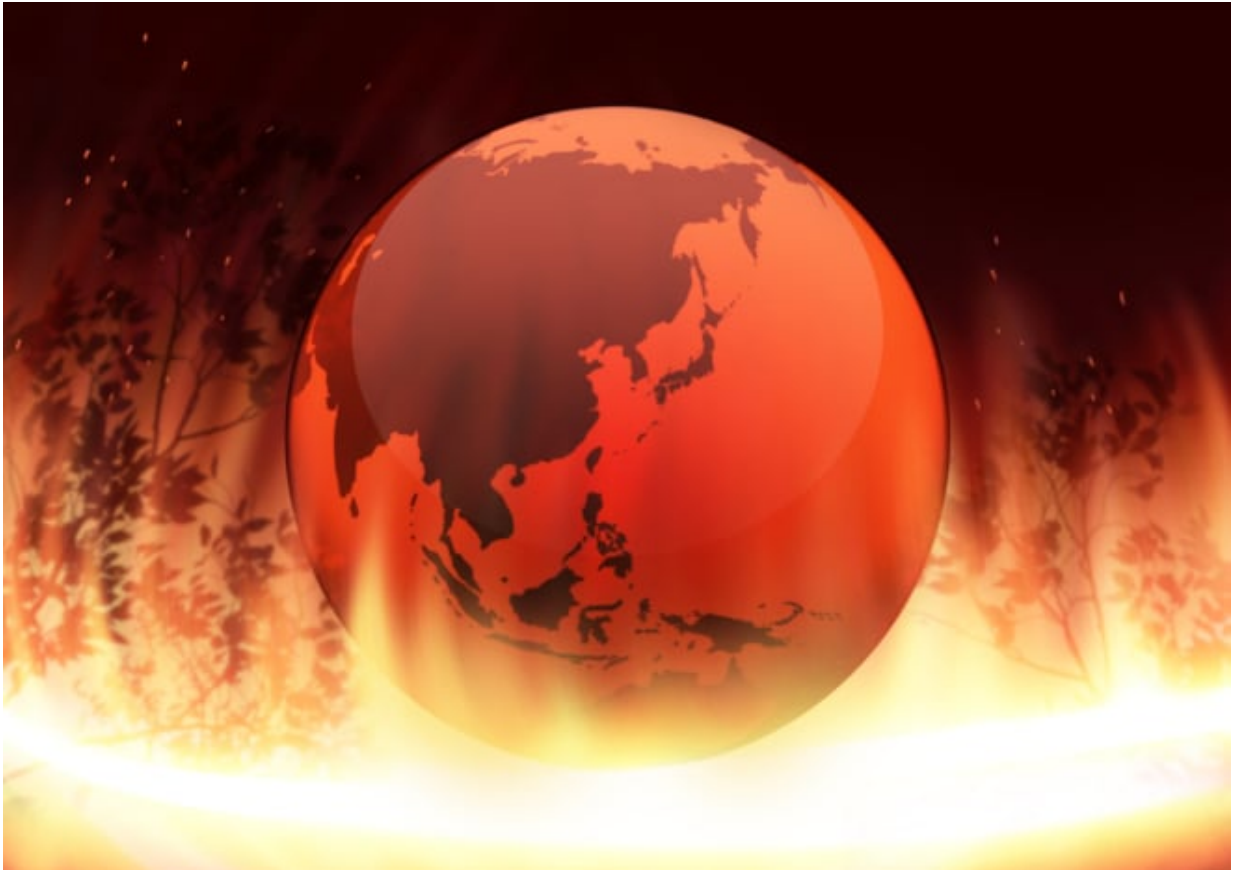
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Tr6/iStock

global warming global boiling

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2023 “”

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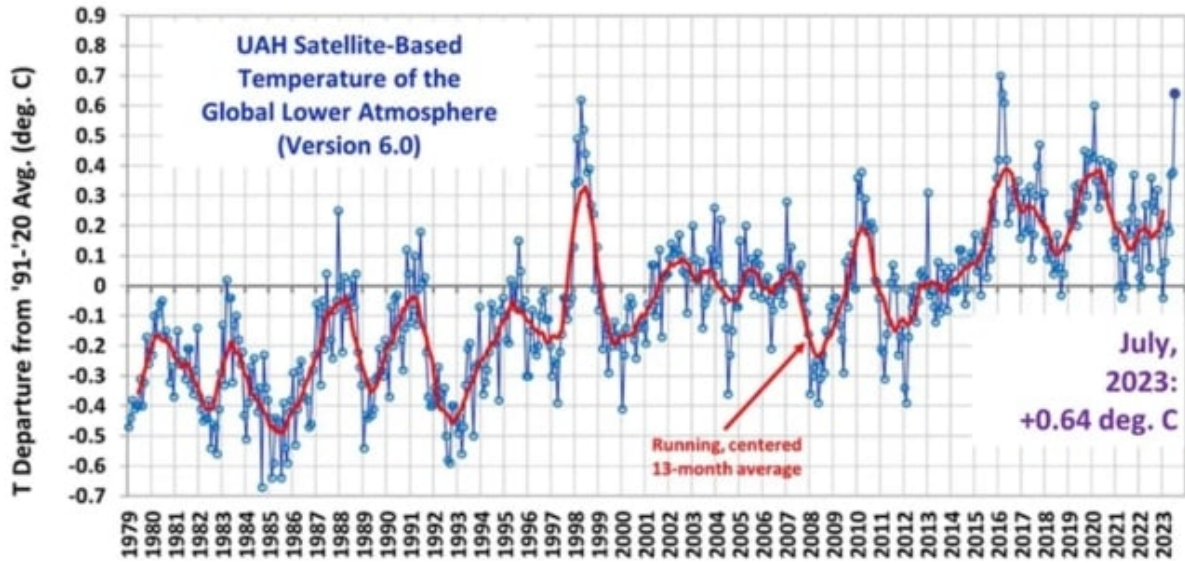
50 5

BBC 1



Climate Etc.

9000 UAH



3

Climate Etc.

2023

1 7

2 1 3

2023 4 1 2 1 7









CO2  
CO2

CO2  
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95

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**??????????**

CN  
CO2  
CN

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2009  
4  
14  
S. Matsuda?“ Validity of Bio-Ethanol as a Countermeasure against Global Warming”, J. Environ. Inf. Sci. , Vol.37, No.5, pp.1-6 (2009.3)?

CO2

CO2  
CO2  
2-09  
p.55  
Table 2?

HP  
Vol.44  
vol.37

CO2  
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2009  
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??1981????????????????4?10??pp.  
949-954??  
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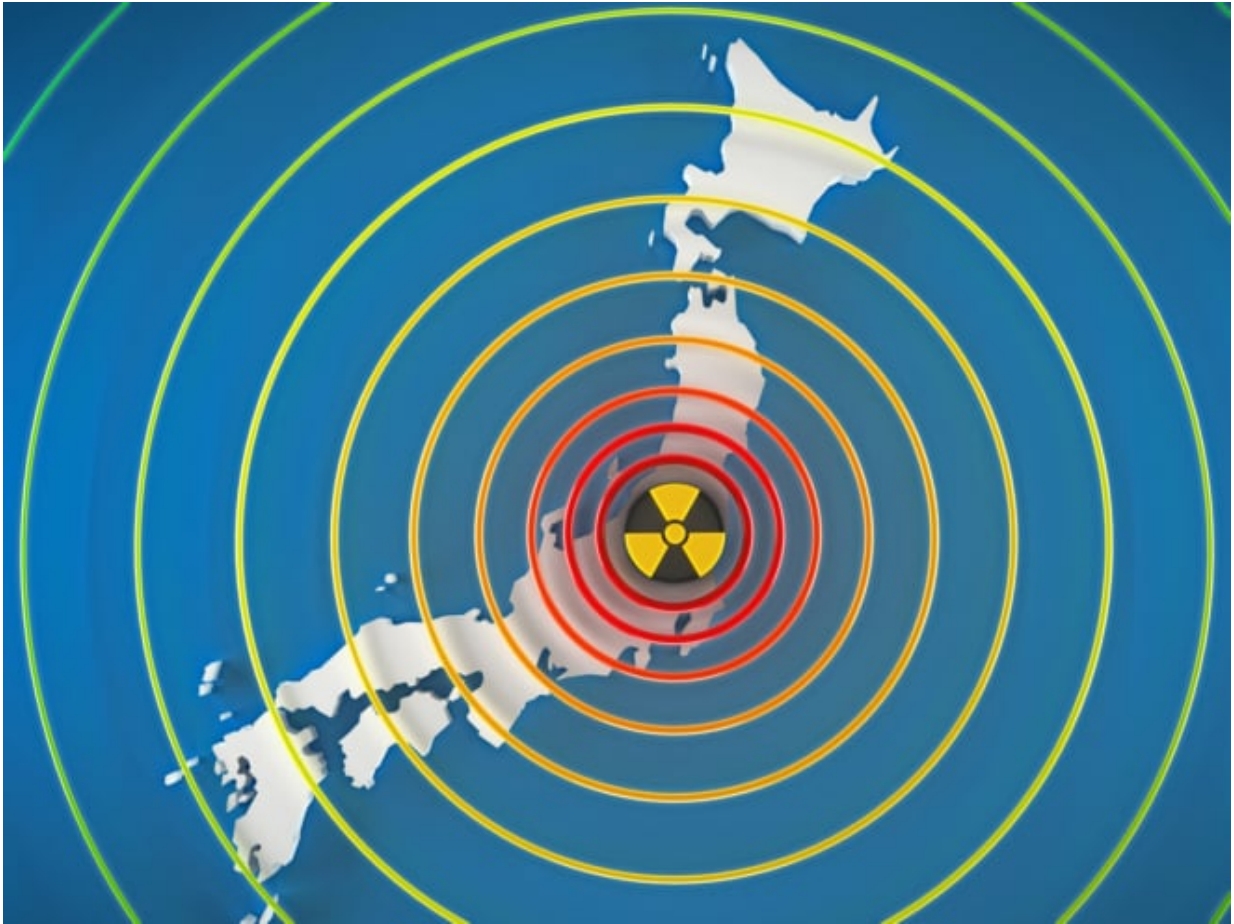
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Posted in [??](#), [???????????](#) | [No Comments](#) »

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?? ?? · Thursday, August 3rd, 2023



adventr/iStock

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← ツイート



村本大輔(ウーマンラッシュアワー)  
@WRHMURAMOTO

...

事故があった時、地元の人だけじゃなく日本中が被爆しますように

**NHKニュース** @nhk\_news · 7月28日

福井県にある関西電力の高浜原子力発電所1号機が、28日午後、原子炉を起動し、12年ぶりに再稼働します

[www3.nhk.or.jp/news/html/2023...](http://www3.nhk.or.jp/news/html/2023...)

#nhk\_video

高浜原発1号機 きょう午後 再稼働

AI自動音声でお伝えしています

福井

資料

▼12年ぶり再稼働 来年運転開始から50年

▼運転期間 原則40年超え再稼働 2例目

NHK 0:28

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bluejayphoto/iStock

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Posted in ???, ??, ????? | No Comments »

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?? ? · Monday, July 31st, 2023

7?22????G20??2022????????????  
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**members??**??  
**others??**??





AR6 COP26 1.5 IPCC 2014 5  
AR5 2021 1.5

2 1.5 2 2 67 1.5 5  
0 1.5

1.5 2 1.5 1.5 5  
1.5 2 1.5

1.5 2 67  
IPCC 1.5

AR 6-  
SPM GHG

1.5 2019 500 CO<sub>2</sub>e 1150  
21

2020 50 GHG 1.5 10 23 7

IPCC 1.5 2 0.5 650

AR 6-  
SPM Table SPM.1 2 2050 2019 64 2030  
21 2070 Table

SPM.1 1.5 2030 43 2050 84 22

1.5 1.5 50 1.5  
0.2 0.3

AR6 1.5 1.7 1.8 1.5  
500 500 1.5 1150 2 825  
825 GHG 1.5

AR6 1.5

1.5

AR6-SPM?C.2.4

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AR6-SPM?C.2.4  
2?  
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2?1.5

1.5?AR6-SPM?P26



1.5  
24?

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1.5?IPCC?AR6  
1.5?2?1.5?  
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2030?21?GHG?AR6-SPM?C.2.4

1.5?30?43?50?84?AR6-SPM?C.2.5



imply?  
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IPCC

AR6?1.5?  
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AR6??1.5????????????????  
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?1?AR6-SPM?B5.2????????1.5??

????????GHG????CO2????????????1.5????2050?99????2030?48????????????30????50????????????

?3?AR6.SPM?C.2.4?“Even without accounting for all the benefits of avoiding potential damages the global economic and social benefit of limiting global warming to 2°C exceeds the cost of mitigation in most of the assessed literature” (medium confidence)

?4?AR6-SMP P26 ??50?“The evidence is too limited to make a similar robust conclusion for limiting warming to 1.5°C. Limiting global warming to 1.5°C instead of 2°C would increase the costs of mitigation, but also increase the benefits in terms of reduced impacts and related risks, and reduced adaptation needs.”

?5?AR6.SPM C.2.5: “Ambitious mitigation pathways imply large and sometimes disruptive changes in existing economic structures, with significant distributional consequences within and between countries.”

?6?AR6-SPM E.1.3: “Strengthened and coordinated near-term actions in cost-effective modelled global pathways that limit warming to 2°C (>67%) or lower, reduce the overall risks to the feasibility of the system transitions, compared to modelled pathways with relatively delayed or uncoordinated action.”

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