

??Net Zero????????????????????????????????????Net Zero????????????????????????????????????

??????The Times?YouGov?????????Reform UK
 ???22????????????????????????24????????????
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??????Net
 Zero????????????????????????????AfD????????????????RN????????????????????
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??2050????????????????????????????
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Posted in ??????????, ???, ?? | [No Comments »](#)

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?? ?? · Saturday, September 13th, 2025

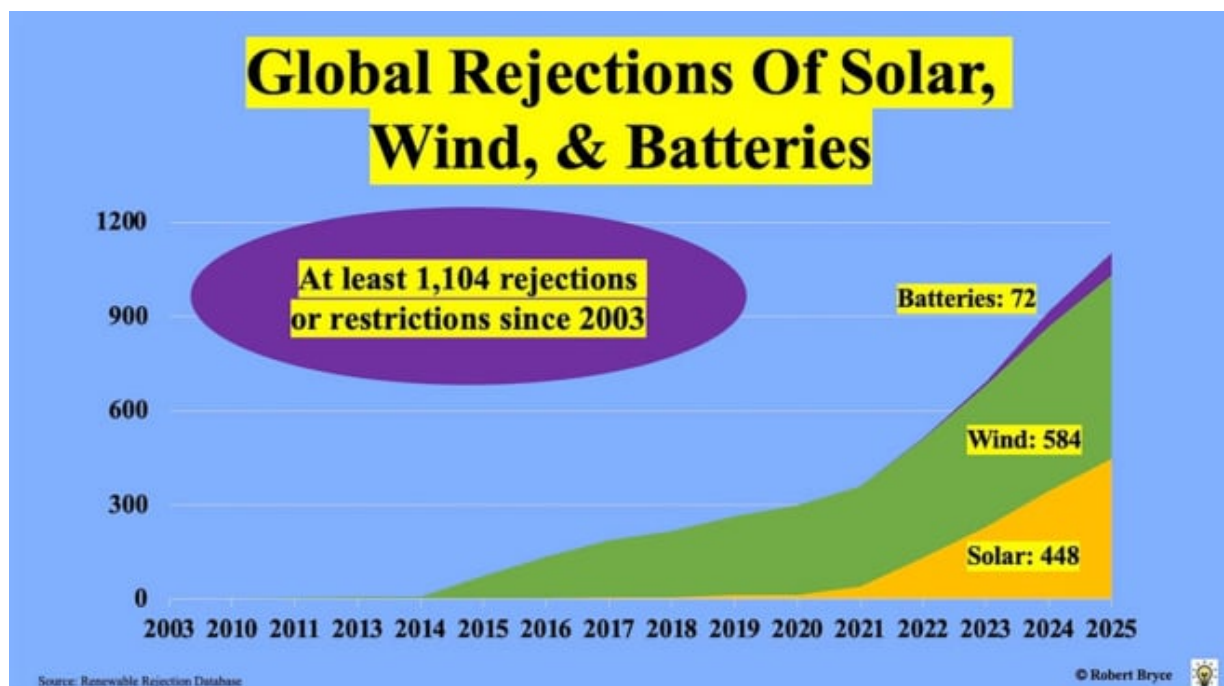


hanibaram/iStock

????????????Renewable Rejection Database????????????????????

Belgian Wind Project Vetoed; Global Total Of Renewable Rejections Hits 1,104

??1104????????????????????
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Overview Table

Date ↑↓	Country ↑↓	State ↑↓	Government ↑↓	Entity ↑↓	Type ↑↓	Notes	Source
2025/9/8	GB		West Oxfordshire District Council	Oxfordshire	solar	A plan for a solar farm that developers said could generate enough power for an Oxfordshire town has been rejected. AMPYR Solar Europe applied to build the 30MW farm...	Link
2025/9/5	US	MN	Board of Appeals	Pipestone County	solar	The Pipestone County Board of Appeals, during their Aug. 28 meeting, denied a variance that would have allowed Pivot Energy MN Solar 24 LLC, which is owned by US Solar, to build a 1...	Link
2025/9/4	US	OH	Board of County Commissioners	Clark County	wind	Large wind and solar farms are now restricted from being built in the unincorporated areas of all of Clark County's 10 townships for at least two years. Clark County commissioners...	Link
2025/9/4	US	OH	Board of County Commissioners	Clark County	solar	Large wind and solar farms are now restricted from being built in the unincorporated areas of all of Clark County's 10 townships for at least two years. Clark County commissioners...	Link

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[illegible]

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Posted in ???, ????? | No Comments »

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?? ?? · Friday, September 12th, 2025



tolgart/iStock

Climate Working Group, CWG 2025 7 23

A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate

At Long Last, Clarity on Climate

The Energy Department's recent report is drawing predictable criticism from politicized scientists.



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Posted in ???, ????? | No Comments »

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?? ??? ?? · Thursday, September 11th, 2025



MikeMareen/iStock

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8?11?16????????????????????????????????????16????????????100????????????????????????????????
 ?????????????????2??

????31????????????????????A????????????????????????????A?DNA????????A????????2022?
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??A????????????
 ??A??8?29????????????????????A???2?????
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????A????????????????????1.35%????????????????????0.2%????A??
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A?2022?8????????????????????????????????????EU????????????????12??????
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EU????????????????EU????????????????A????????EU????????????????????
EU????????????????????

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22?1000????17?9000????????????????????????????????????
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??A????????A????22????????????????????????????????????600??
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Posted in [??, ??](#) | [No Comments »](#)

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?? ?? · Saturday, September 6th, 2025



Bilanol/iStock

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Reinvigorating America’s Beautiful Clean Coal Industry and Amending Executive Order 14241

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???AI?????????????
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Accelerating Federal Permitting of Data Center Infrastructure

???EXIM??5????????????????????????
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US Ex-Im Bank votes to reverse ban on overseas coal lending

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World Bank to end ban on nuclear energy projects, still debating upstream gas

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7????????????????15????15????????????????????????????????????

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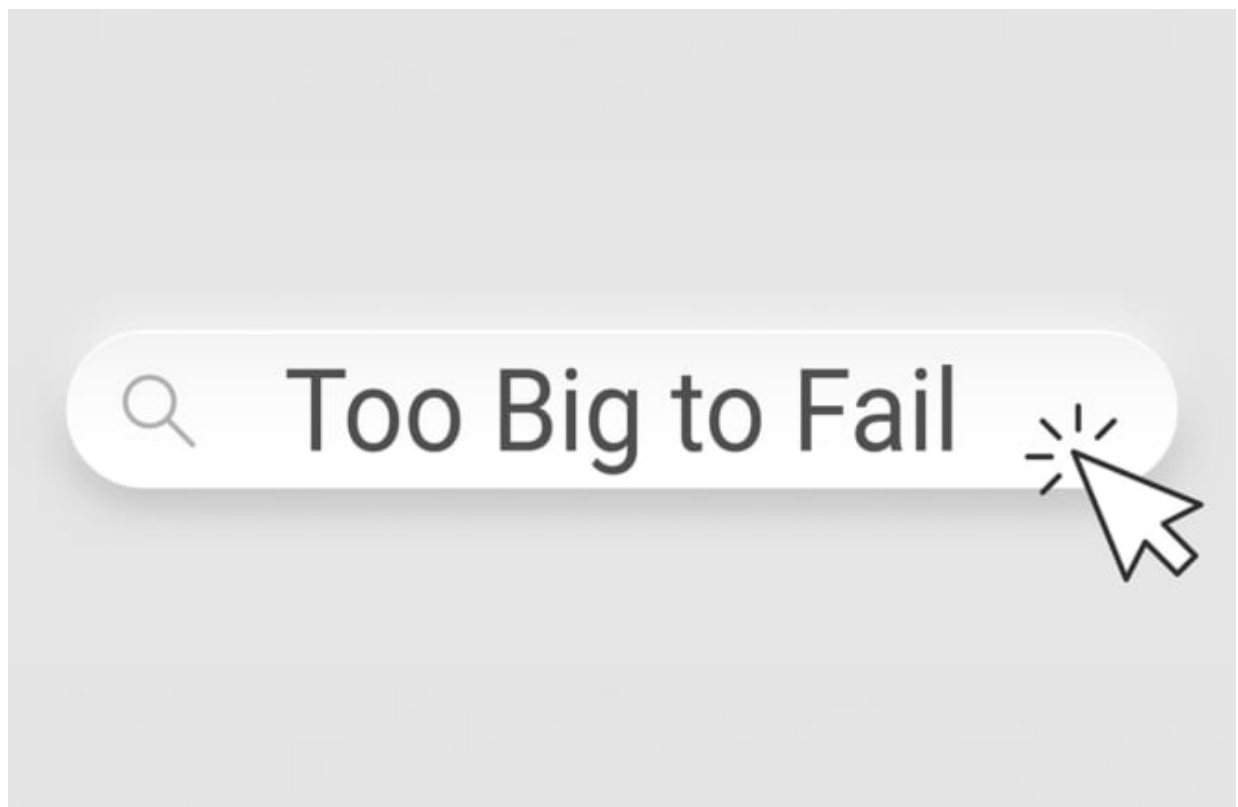


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Posted in ??????????, ??? | No Comments »

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?? ?? · Friday, September 5th, 2025



bgblue/iStock

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??NGFS???

??NGFS???CO2??

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Major New Scandal in Climate
Science????????????????????????????????2025?8?15??????

??PIK????????????Kotz, Levermann & Wenz
2024????????????????NGFS??

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??GDP????????????????

??8????????

???Mattes Arising????????????????

??Too
Big to
Fail??

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Posted in ???, ????? | No Comments »

????????????????????CO2??????

?? ?? · Thursday, September 4th, 2025



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Philip Hoeppli/iStock

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

COP30????????????????????

?? ? · Wednesday, September 3rd, 2025



Md Zakir Mahmud/iStock

COP30????????11????????COP30????Implementation????Inclusion????????Innovation??
??Global Mutirão????????????????

?Mutirão??
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????????????NDC?Nationally Determined Contribution????????????????????Globally
Determined Contribution????????????????

????????????????COP30????????????????40????????Tropical Forests Forever
Facility?TFFF????????1????4????????????????????????????????

???COP29????????2035????????1.3????????????????1.3????????????Baku to Belem
Roadmap to 1.3 T????????????

??TFFF????????????????
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OP30?5????????????????????

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6??
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8?22??1???100????????????50????????????
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??COP????????????

??COP15?2009????????????
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???COP30????????????????????????????????????COP30????????

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

8????????3?????

?? ?? · Wednesday, September 3rd, 2025



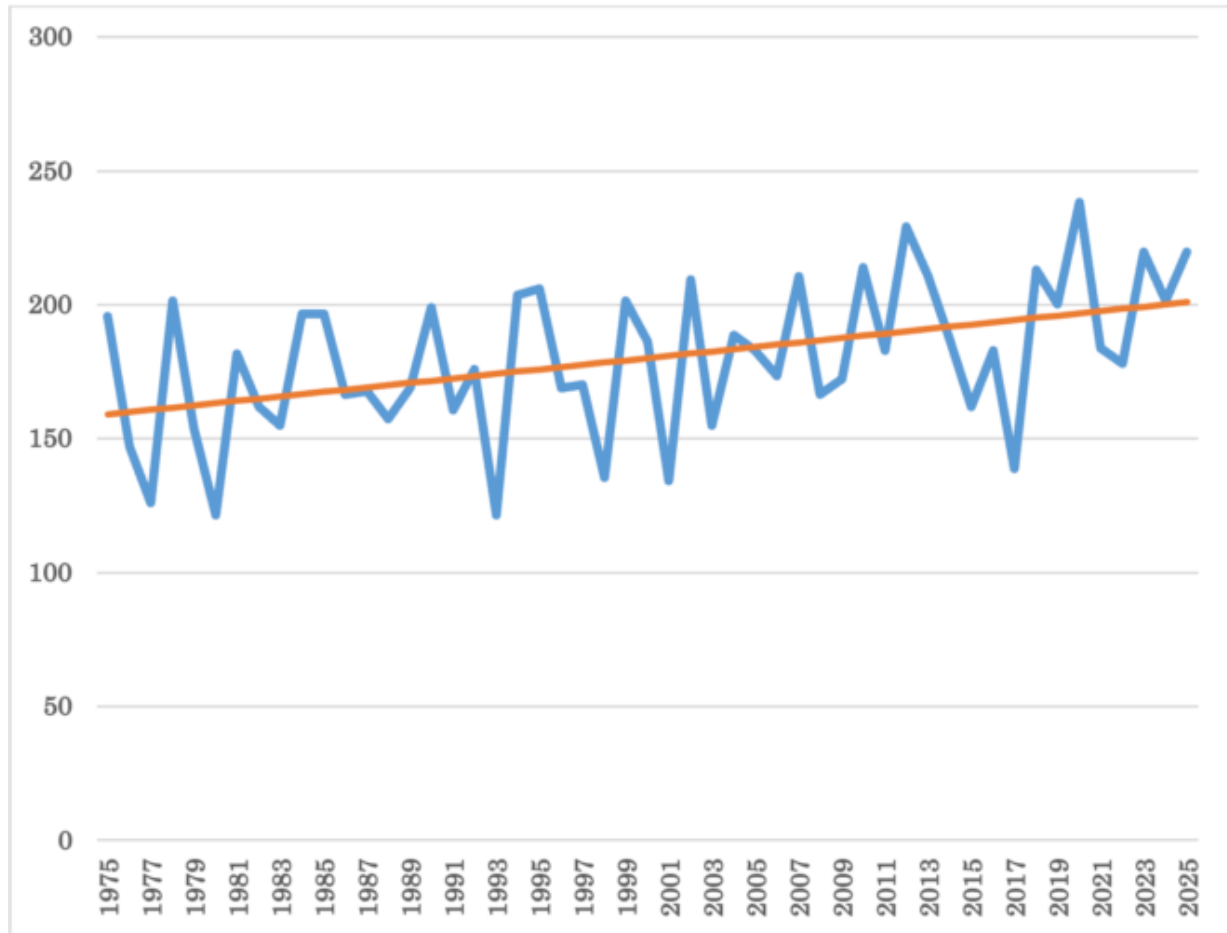
recep-bg/iStock

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

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??? ?? · Tuesday, September 2nd, 2025



Astrid860/iStock

2025?5?2??
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JWPA??

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2014?11?15????????????????????



(1) ブレード



(2) タワー

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2018?2?17????????????????



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2019?10?15????????????????

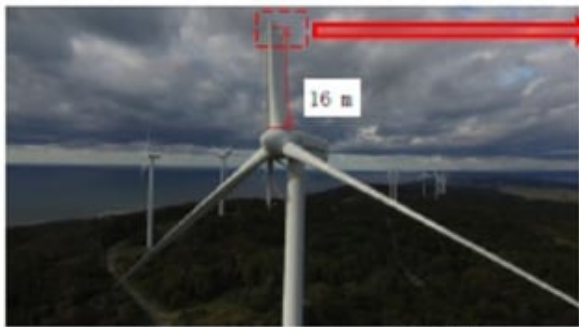


図-1 13号風車ブレード折損状態



図-2 ブレード中間折損部の破断面



図-3 ブレード中間折損部の破断面（局部）

???? ??WF????????

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????????????16????????????????263?????

????????VESTAS?

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2020?12?20????????????????????

事故当日の状況
(2020年12月20日19時16分頃)



中央部についてはナセル外壁が消失し
内部機器の影が見えている

事故2日後の状況



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2025?5?2??
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設備	項目	検査方法	検査内容	点検周期(年)
ブレード	表面	目視又は触手もしくは測定	ブレードの表面に損傷(グルコートはがれや外皮クラック)や被雷痕(すす)がないか目視などで確認する。損傷又は被雷痕が確認された場合は、触手などで確認する。	1

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

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?? ?? · Sunday, August 31st, 2025

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??27????????21????????????????????
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CHENG FENG CHIANG/iStock

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??2021????????????289
GW??“?????”????????

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

???3000????????????????????

?? ?? · Saturday, August 30th, 2025

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JA????7????????1?60kg????2?5200????1.6????

????5kg??2100????5000???6000????

??5???3000????????5?21????

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[illegible]

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[illegible]

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???5kg?2980??

[illegible]

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Wikipedia??

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??????1945?3?9?[????]?????B29????????????????S????????????????8????????????????
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??smoke??????fire????????????????
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???9????????????????Smoke Gets in Your Eyes????????????I Don't Want to Set World on
 Fire????????????????????MC????????????????????

???8????????????????????

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

????????????EU????????????????

?? ?? · Friday, August 29th, 2025



XH4D/iStock

?????EU??

?????EU????? ?????????????? | [NHK](#) | ????

?????EU??EU????????????????????????????????EU??

??15????????????????

EU15% –

EU21EU15%

EU
ESG

Joint Statement on a United States-European Union Framework on an Agreement on Reciprocal, Fair, and Balanced Trade

2025821

19

5.
EU20287,500LNG

11.
CBAM
BAM

CBAMEU-ETSEU

ESG
CBAM
EU10%

2026GX-

ETS????????????CBAM????????????CBAM????????????????????????????GX-
ETS????????????????????????

G X-
ETS????????400????????CBAM??
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12.
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????????????????????CSDDD????????????????????????????????????
??EU????????CS
DDD????????????????????????????????

CSRD?CSDDD????????????????????CO2????????????????????EU????????????
??ESG????????????????????

????????????????????250?500???1,000????????????????????5????????
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????CBAM????CSRD?CSDDD???3?EU????????????????????????????

???????2026????????3????????????????????????????(ISSB)????????
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?????ISSB????????3????????????????????CSRD????????????????ISSB????????
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CSRD????SEC??SSB
J????????????

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?ESG????????????????????????????????????

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?SDGs?????????

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

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?? ?? · Thursday, August 28th, 2025



pedrosala/iStock

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???????3????????????????????????????

2021???1????????????11.99?16.49?/kWh????????????????3????????????????????

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??2040????45GW????????NEDO????????
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FCOE????????????

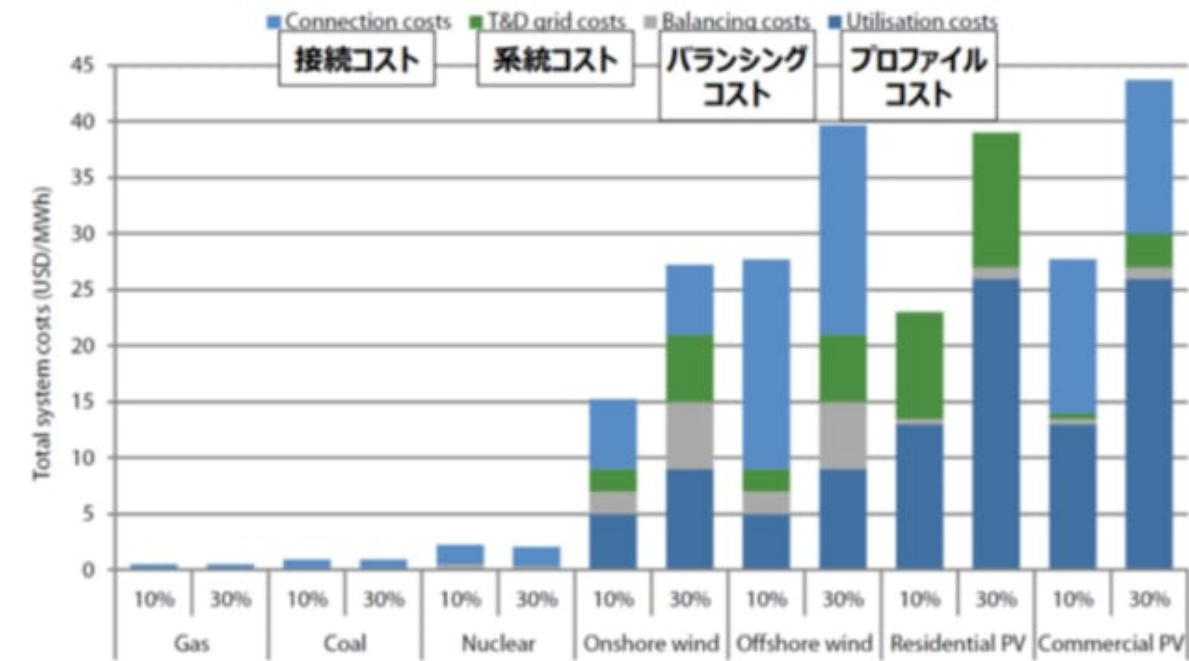
????????????LCOE?Levelized Cost of
Electricity????????????????????LCOE????????FCOE?Full Cost of
Electricity?????

電源	石炭火力	LNG 火力	原子力	石油火力	陸上風力	洋上風力	太陽光 (事業)	太陽光 (住宅)
発電コスト (¥/kWh)	13.6～22.4	10.7～14.3	11.7～	24.9～27.6	9.8～17.2	25.9	8.2～11.8	8.7～14.9
設備利用率稼働年数	70% 40 年	70% 40 年	70% 40 年	30% 40 年	25.4% 25 年	33.2% 25 年	17.2% 25 年	13.8% 25 年

????2030????????LCOE????

FCOE??F

COE??



????????10%??30%???????FCOE??
OECD, The Full Cost of Electricity Provision 2018

??FCOE????????????????????????????????????

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

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?? ?? · Wednesday, August 27th, 2025



SergeyChayko/iStock

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Fintech firm Aspiration Partners’ co-founder pleads guilty to defrauding investors

?????????????Aspiration Partners
Inc.?????????????Jr.????????????????????????????????????2?4800?????????
???Aspiration
Partners????????????????????????2????????????????????1????????20????????????????
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Partners?Inc.??1?4500?????????
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California ‘Anti-Poverty Activist’ And Dem Mega-Donor Pleads Guilty To Massive Carbon-Credit Scam

??Aspiration Partners
Inc.??

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20??2????????????????40????????????

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??2021?8???CQC???
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ESG????????

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CO2????????10????

????2?2026????????CO2????????10?
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??J-
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?SDGs??????????

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

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?? ??? ?? · Tuesday, August 26th, 2025



Maoriphotography/iStock

[illegible]

????????????????????????????????????8?18????????????????????????????????
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[illegible][illegible]

??2021?12????????????????????
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????????????????3????????????10????????????100????????????????????????????????
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????????????100????????CO2??2015????
????????CO2??

2018????????????????Fridays for
Future??How dare
you??CO2????????????????

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

2024?11?9????????????????????????

??? ?? · Saturday, August 23rd, 2025



2024?11?9?20?22????????36?5,300??
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???2018?9?6? ???
??99????????2???????

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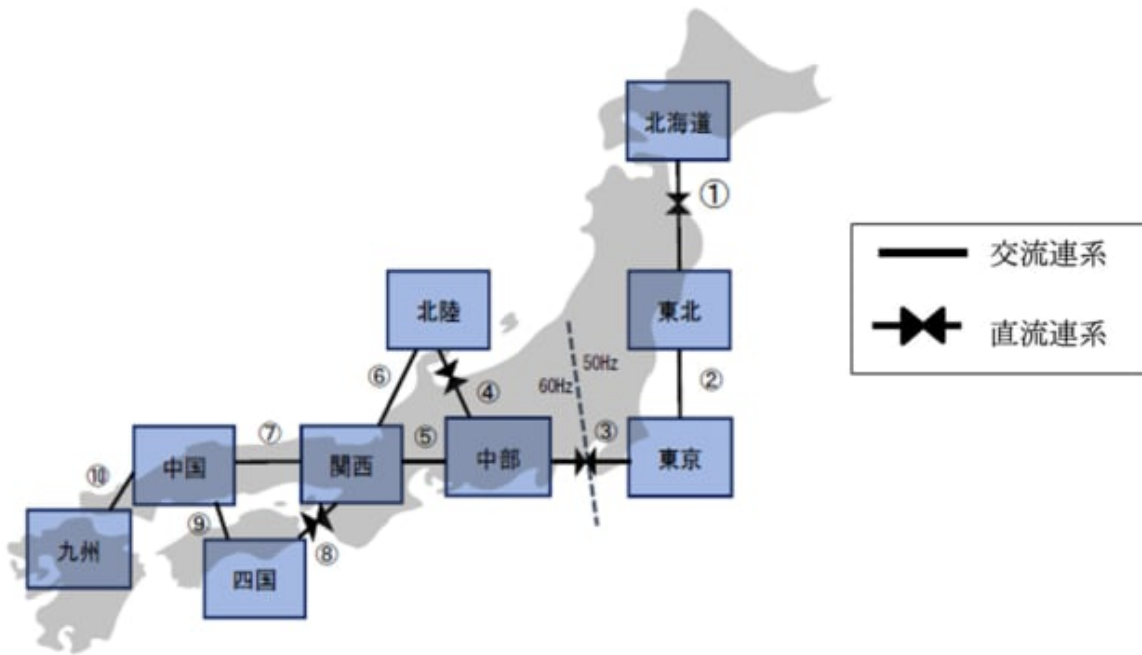
5????????????????????0.01Hz????????????????????????????Hz????MW????????
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??1994????
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本四連系線 〔瀬戸大橋に敷設の ケーブル区間〕

221994
60Hz
72

2000
60Hz

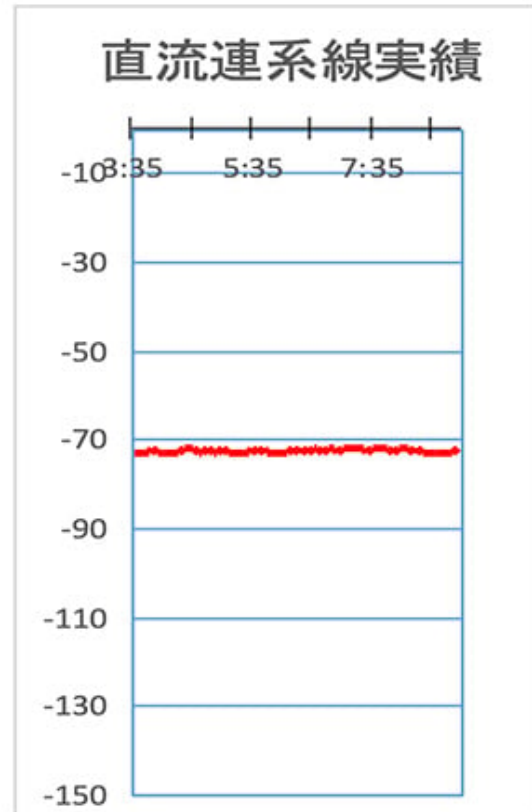
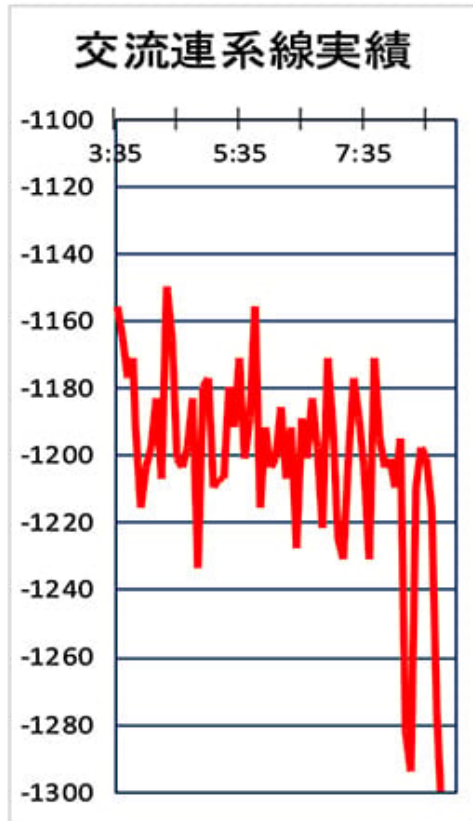
72

72

3
72
1150-1300

60Hz

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?3????????????????????????????????

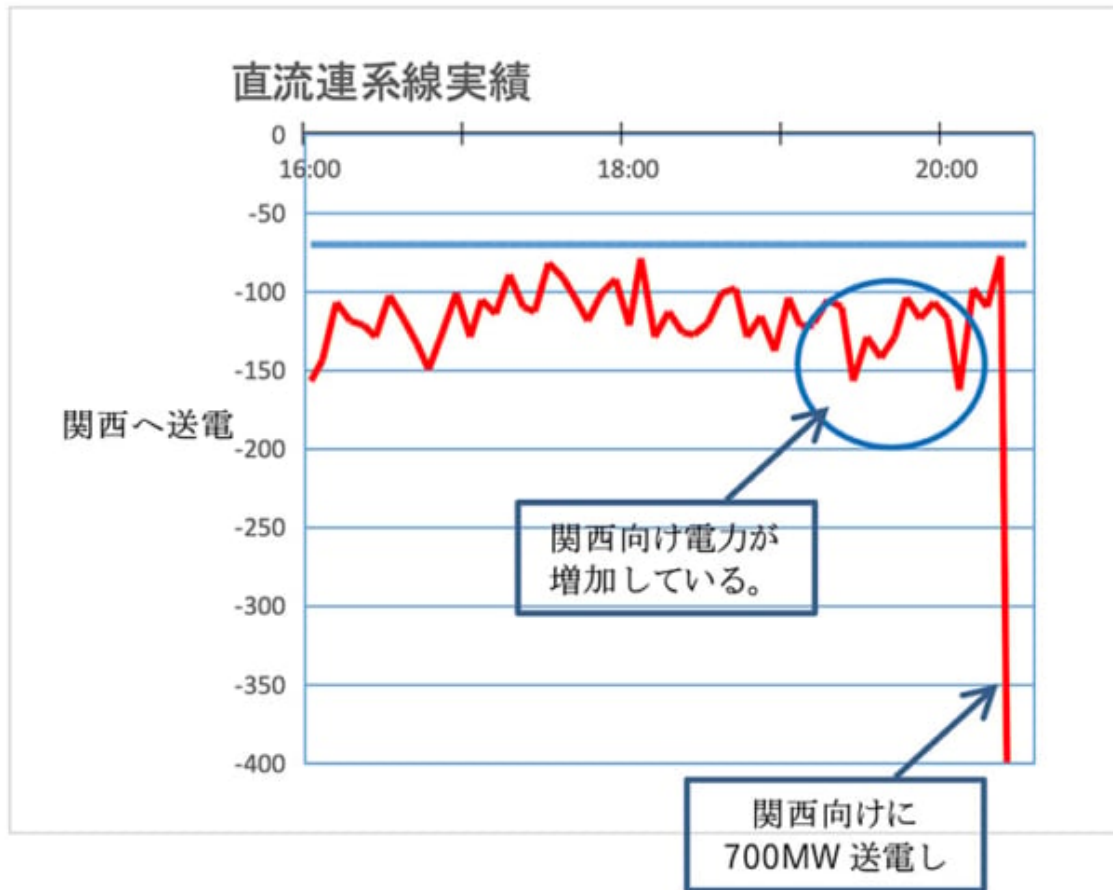
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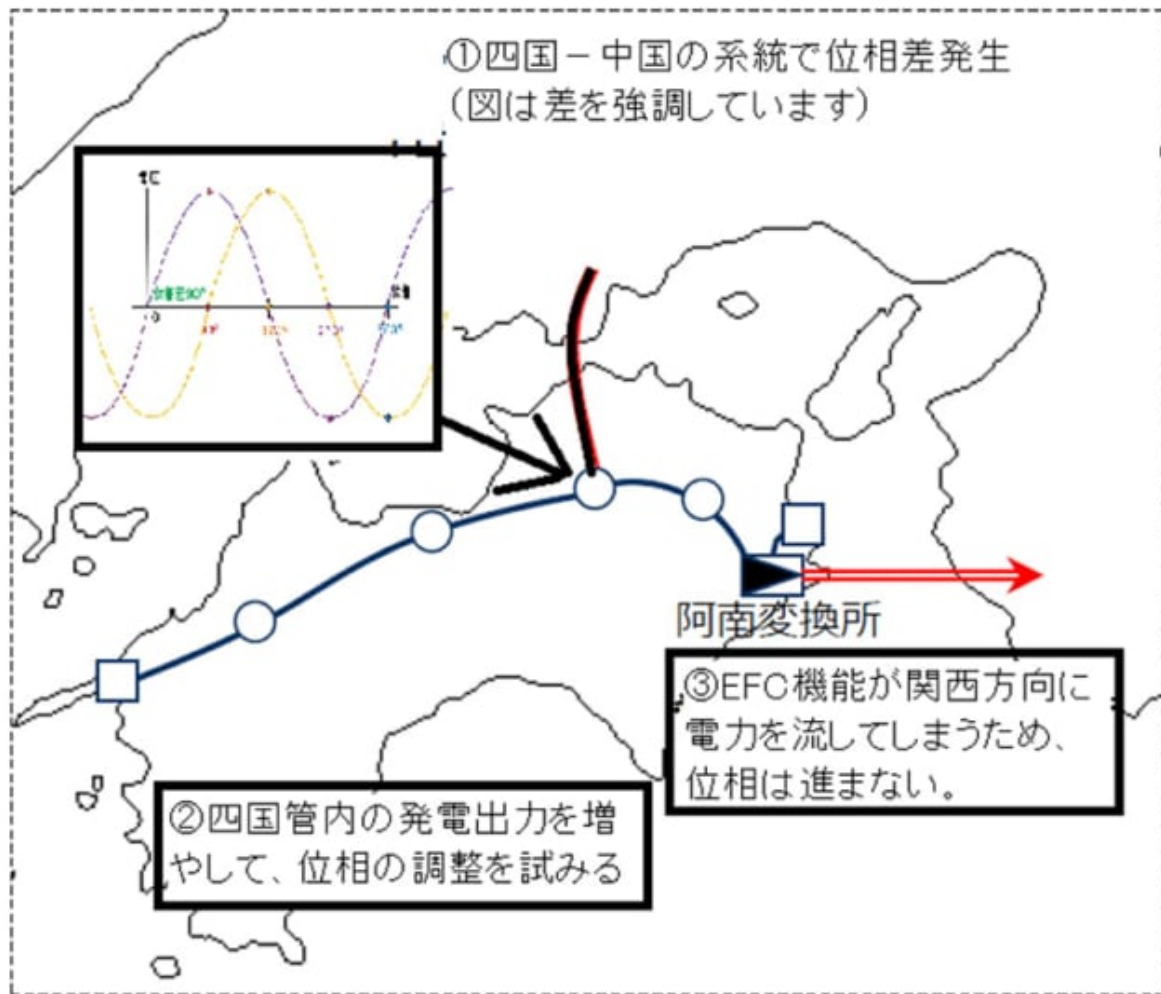
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?? ?? · Friday, August 22nd, 2025



yangna/iStock

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責任主体	法制度・概念	内容
事業者	民法 709 条「過失による不法行為」	設計・施工・環境配慮の不備 → 損害賠償
行政	国家賠償法「監督過失」、行政処分の違法性	安全審査や環境確認の怠慢 → 損害賠償や許可取消
制度の枠組み	地方条例、FIT 制度の取消・停止	自治体や制度面による抑止力発揮が可能に

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

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?? ?? · Thursday, August 21st, 2025



XH4D/iStock

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Wind turbines and solar panels ONLY generate electricity

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

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?? ?? · Wednesday, August 20th, 2025



ewastudio/iStock

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気候変動の影響と適応策



海岸侵食

自然災害・沿岸域分野 | 沿岸

協力：東北大学大学院工学研究科

* 高波・高潮による災害に対する沿岸域の適応策（ハード・ソフト両面）については「自然災害・沿岸域分野 | 沿岸 | 高波・高潮」で扱う。ここでは、海岸侵食に対する砂浜保全方法や今後の適応策の考え方について扱う。

影響の要因

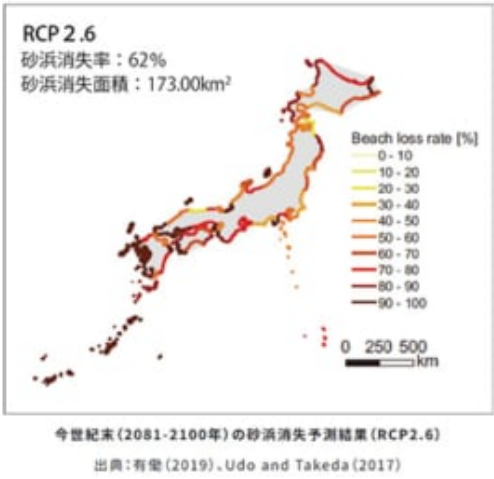
気候変動による海面水位の上昇や台風の強度増加に伴う荒天時の波高増加は、砂浜の形状や面積に影響を及ぼす。



現在の状況と将来予測

1980年代以降日本沿岸で海面水位の上昇が観測されているが、海岸侵食への影響については、その他の要因の影響も踏まえて明らかにする必要がある。

将来、気候変動による海面水位の上昇によって、海岸が侵食される可能性が高い。海面上昇に起因する日本の沿岸地帯における将来の砂浜消失率を予測した研究結果（Udo and Takeda 2017）では、21世紀末（2081～2100 年）までに、RCP2.6で62%、RCP4.5で71%減少する予測が示されている（右図参照）。



?1
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????????????????62%????????????????????????????????????

気候変動による海浜（砂浜）への影響

出典：沿岸部（海岸）における気候変動の影響及び適応の方向性検討委員会 第2回資料

○ 気候変動による影響により、海面水位の上昇、強い台風の増加に伴う波浪と高潮の増大の影響が予測される。これにより、海浜の減少が想定される。（再掲）

○ 海岸保全施設前面の海浜の減少により、海岸保全施設に作用する波力や洗掘量が増大し、被災の可能性が大きくなる。（再掲）

○ 有働・武田（2014）によれば、Bruun則による砂浜消失率の予測結果では、20cmの海面上昇で36%、60cmの海面上昇で83%、80cmの海面上昇で91%の砂浜が消失する。

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????Bruun??

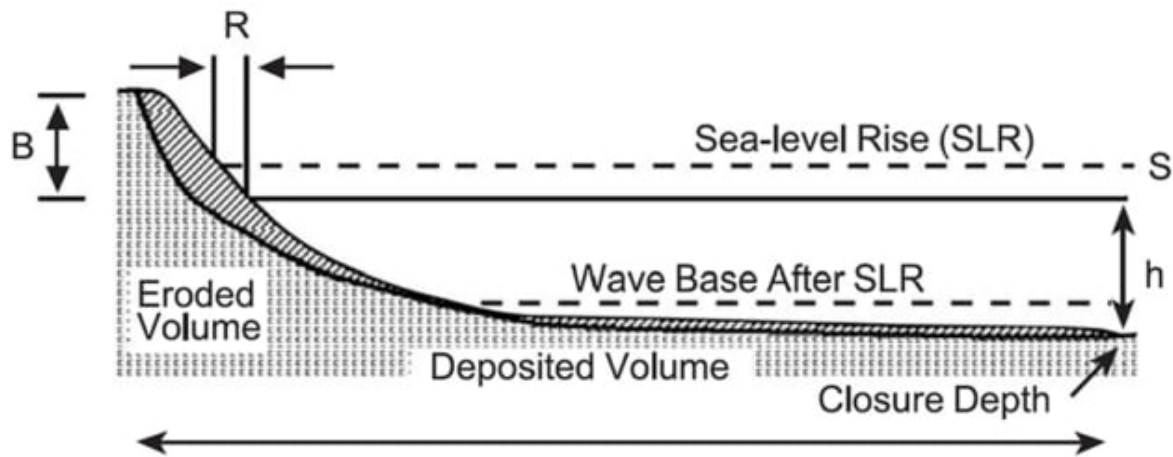


Fig. 1. The Bruun Rule of shoreline erosion.

3 Bruun??

Cooper, J. A. G., & Pilkey, O. H. (2004). Sea-level rise and shoreline retreat: time to abandon the Bruun Rule. *Global and Planetary Change*, 43(3–4), 157–171.

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Sea-level rise and shoreline retreat: time to abandon the Bruun Rule

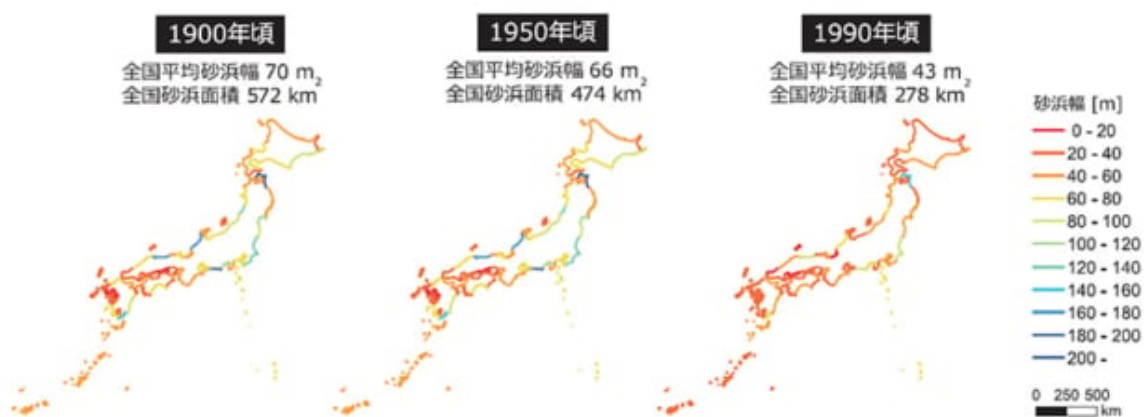
[illegible][illegible]

Fig. 1 Average beach widths at around 1900, 1950, and 1990 in 77 coastal zones in Japan.

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2019

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FrankRamspott/iStock

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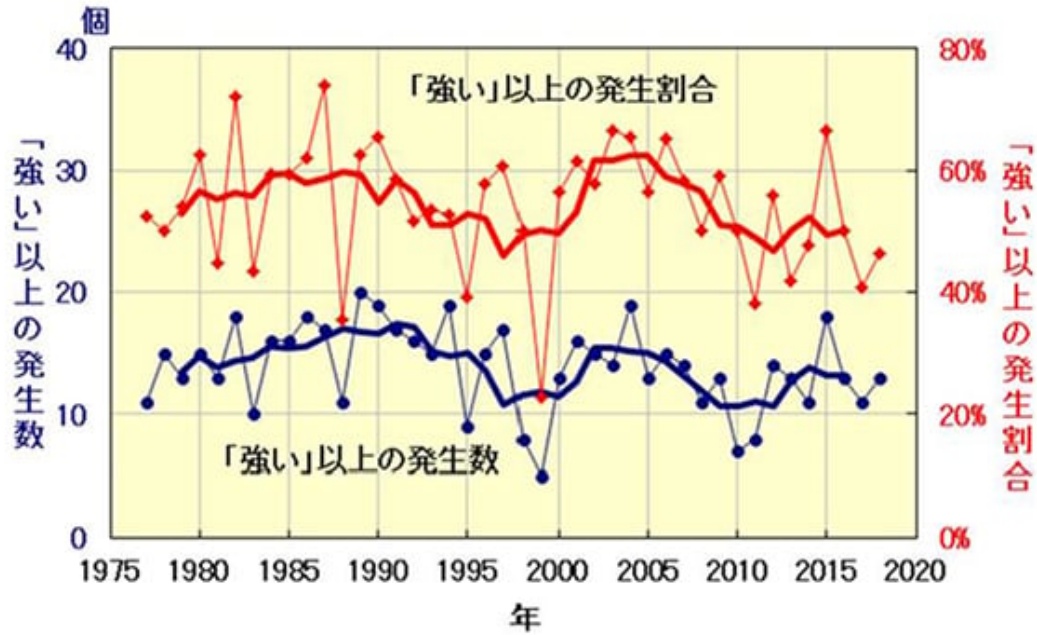


図 2.4-3 「強い」以上の勢力となった台風の発生数と全発生数に対する割合の経年変化

細い実線は、「強い」以上の勢力となった台風の発生数（青）と全台風に対する割合（赤）の経年変化。太い実線は、それぞれの5年移動平均。

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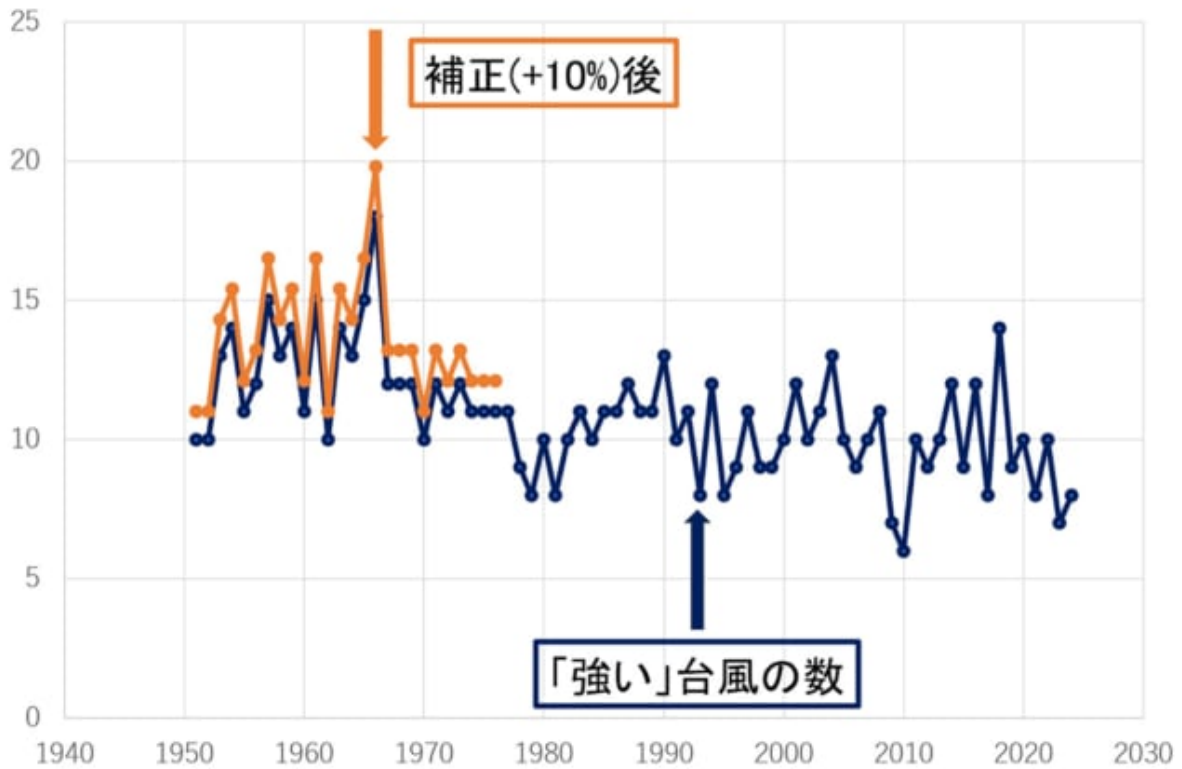
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+5?12%???+10%???????+15%????1974–87????
Atkinson–Holliday?1977????????????????????
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underestimation of the MWS... during 1974–1987”????(AMS Meetings)

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?2000???????????????? “The JMA data contain only the
central pressures prior to 1977, while the JTWC data have only the sustained
maximum wind before 2000.”??(J-STAGE) ???Song ???JTWC
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storms are captured in earlier years”??

??Knapp
??(American Meteorological Society
Journals) ???Bai
??1957–87????????????????WPR????????????????????????????????(NOA
A Institutional Repository)

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Posted in ???, ????? | No Comments »

??23??SBTi????????????

?? ?? · Tuesday, August 19th, 2025



Zhanna Hapanovich/iStock

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Iowa AG leads letter questioning legality of net-zero carbon emissions standard

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

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?? ?? · Monday, August 18th, 2025



FGorgun/iStock

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????????????????**A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate**????

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±10 Ciais et al., 2013, pp.
472-473 CO2
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2012 1990 5 CO2
CO2 2100 2105 Wigley,
1998 Lomborg 2016 0.1 2100 10

CO2

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EPA 2009 CO2
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??11????????????????

?? ?? · Sunday, August 17th, 2025



Khanchit Khirisutchalual/iStock

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Texas Judge Greenlights Multi-State Lawsuit Accusing BlackRock, Vanguard, State Street of Using Climate Initiatives to Manipulate Energy Markets

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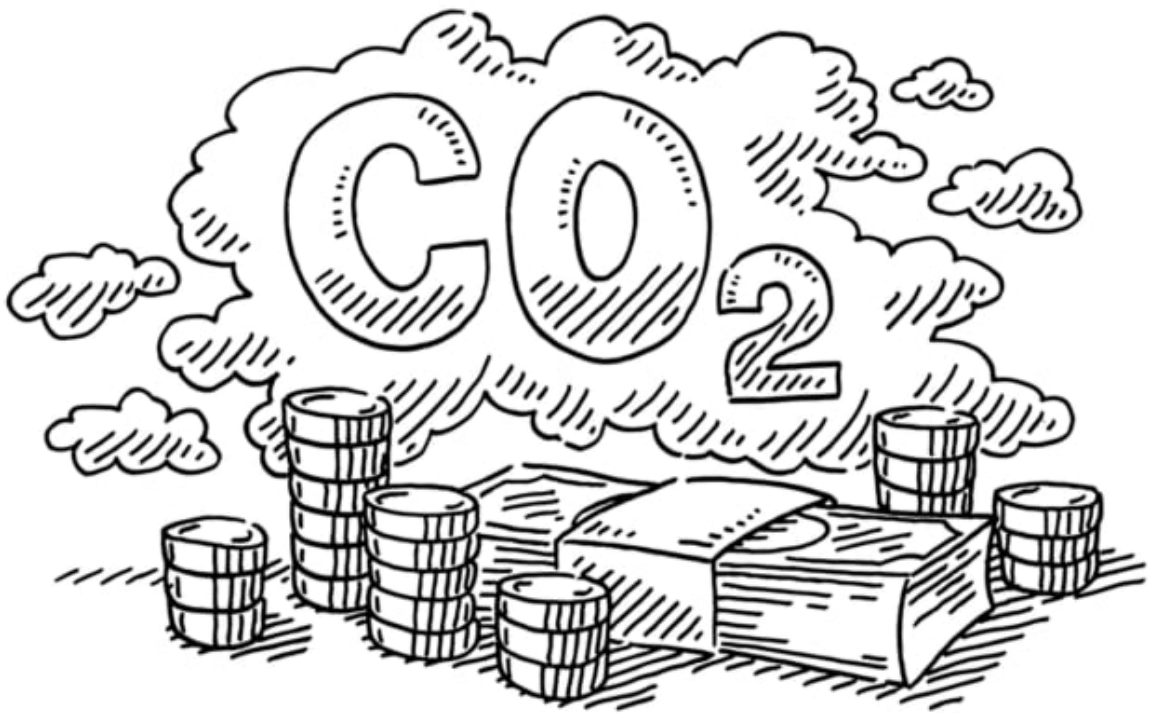


?SDGs??????

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

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?? ?? · Saturday, August 16th, 2025



FrankRamspott/iStock

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????????????????????????Climate Working Group, CWG????2025?7?23????

????????????????????????????????**A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate**????

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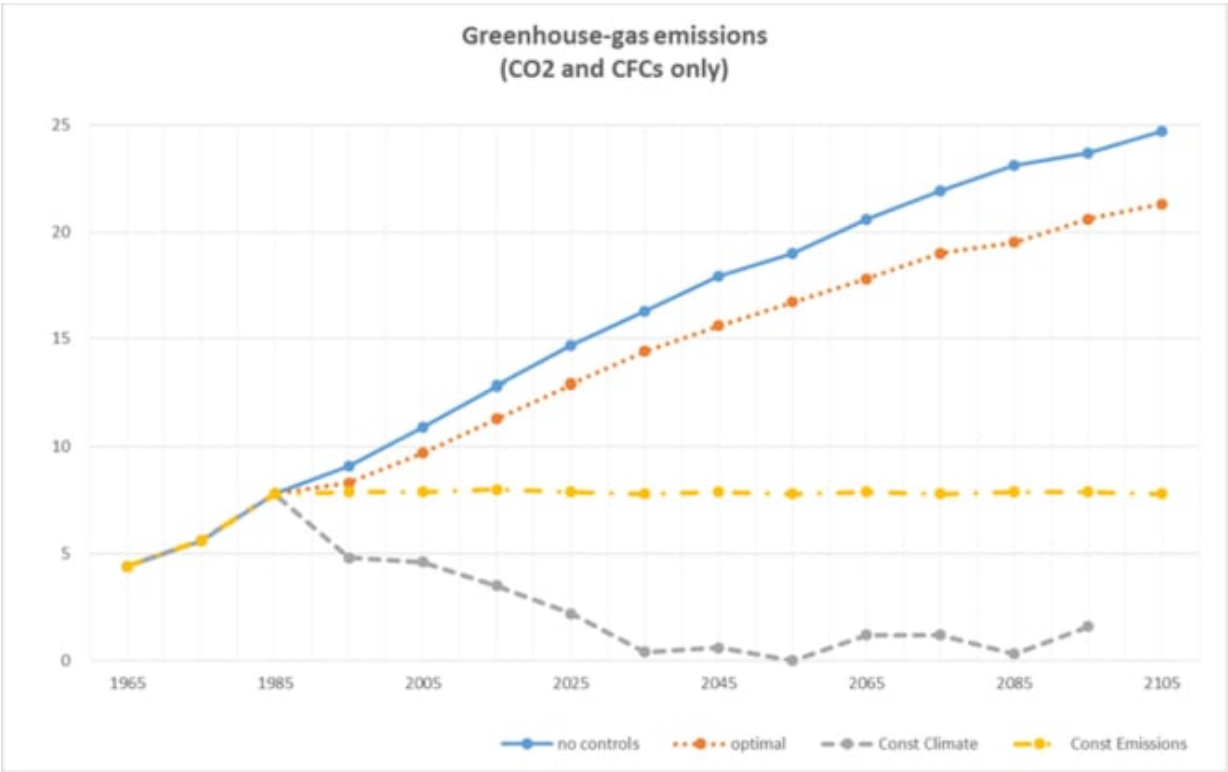
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?? ?? · Friday, August 15th, 2025



Ekaterina_Simonova/iStock

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A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate

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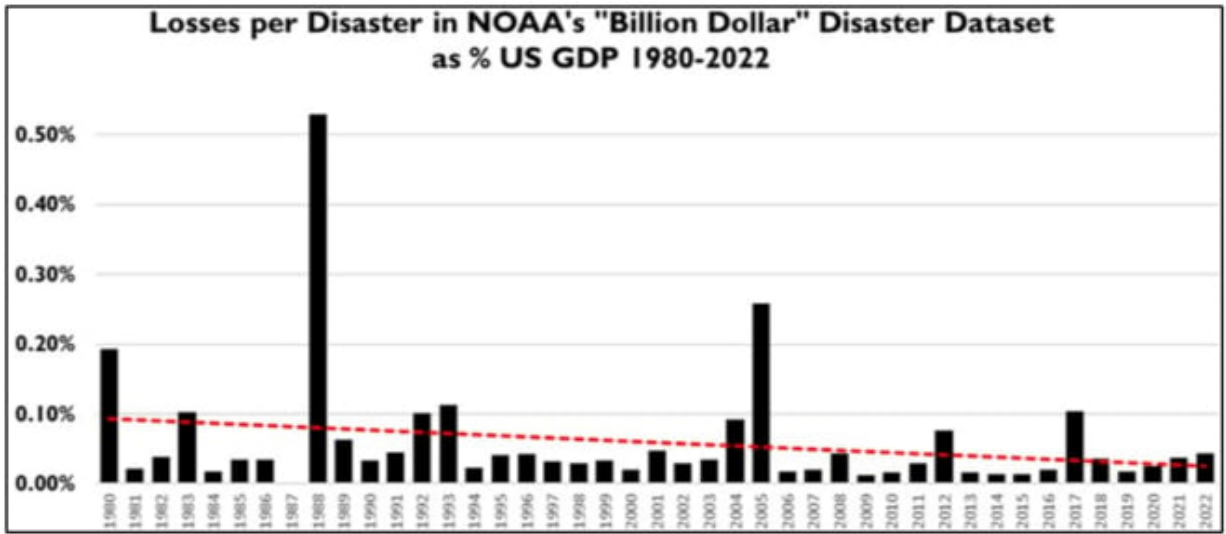
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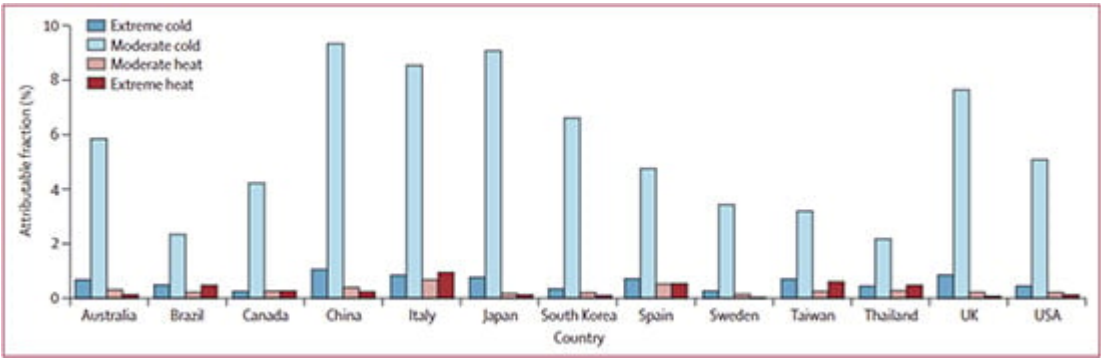


?10.1?NOAA?10????????????2023?7????????????????GDP????????1980
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10.2 Gasparini et al. 2015 5.9 5.5 14



10.2 Gasparini et al. 2015

IPCC

IPCC AR6 A.2.5

CWG

2016 Barreca et al. 2016 1960 32 2.2 1960 0.3 85 1960 4 1 1960 Cong 2022

Doremus 2022 5 1.2 0.5 30 0.5 Cong 2022

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Posted in ???, ??? | No Comments »

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?? ?? · Thursday, August 14th, 2025



fotokostic/iStock

CO2

Climate Working Group, CWG 2025-23

A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate

9

CWG

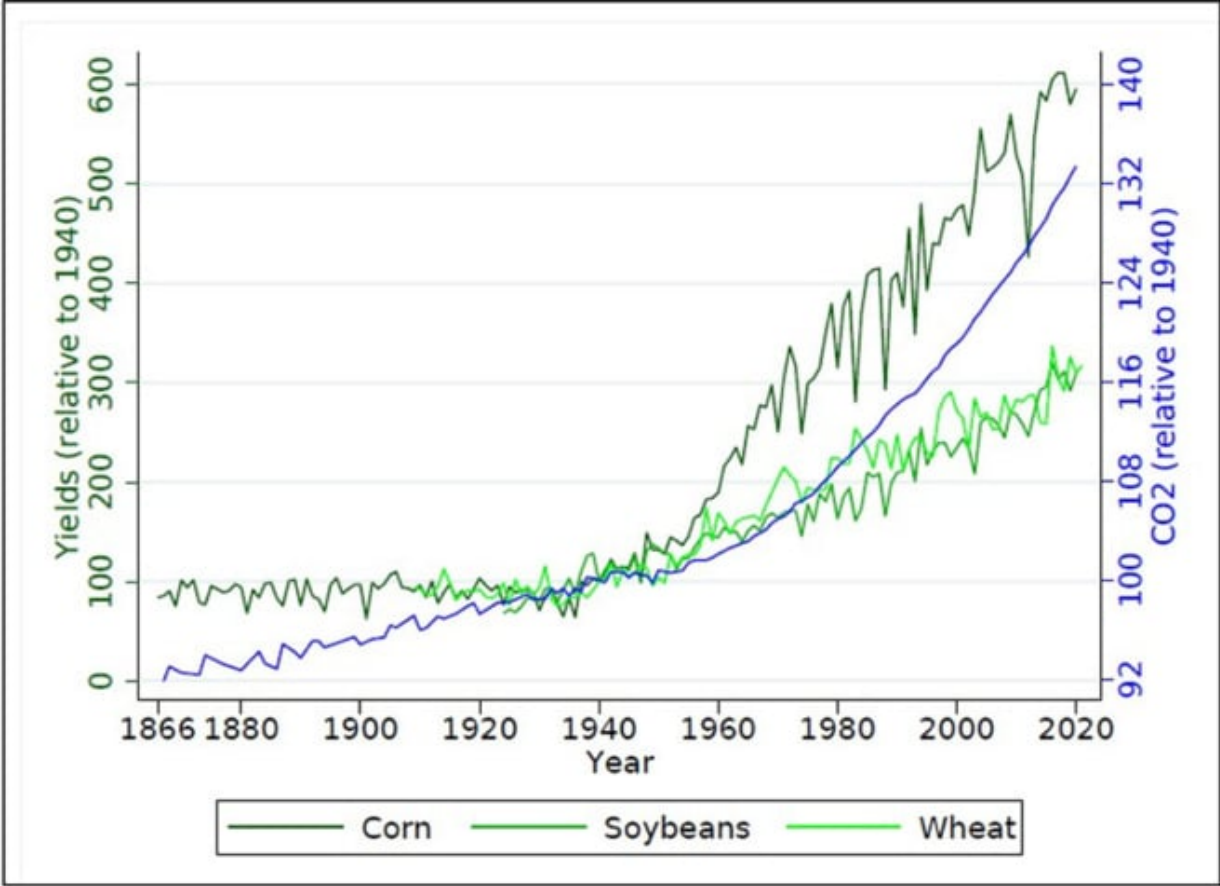
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CO2 2

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CO2 9.1 1940 100

CWG CO2



9.1??1940??100?????
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Posted in ???, ????? | No Comments »

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??? ?? · Tuesday, August 12th, 2025

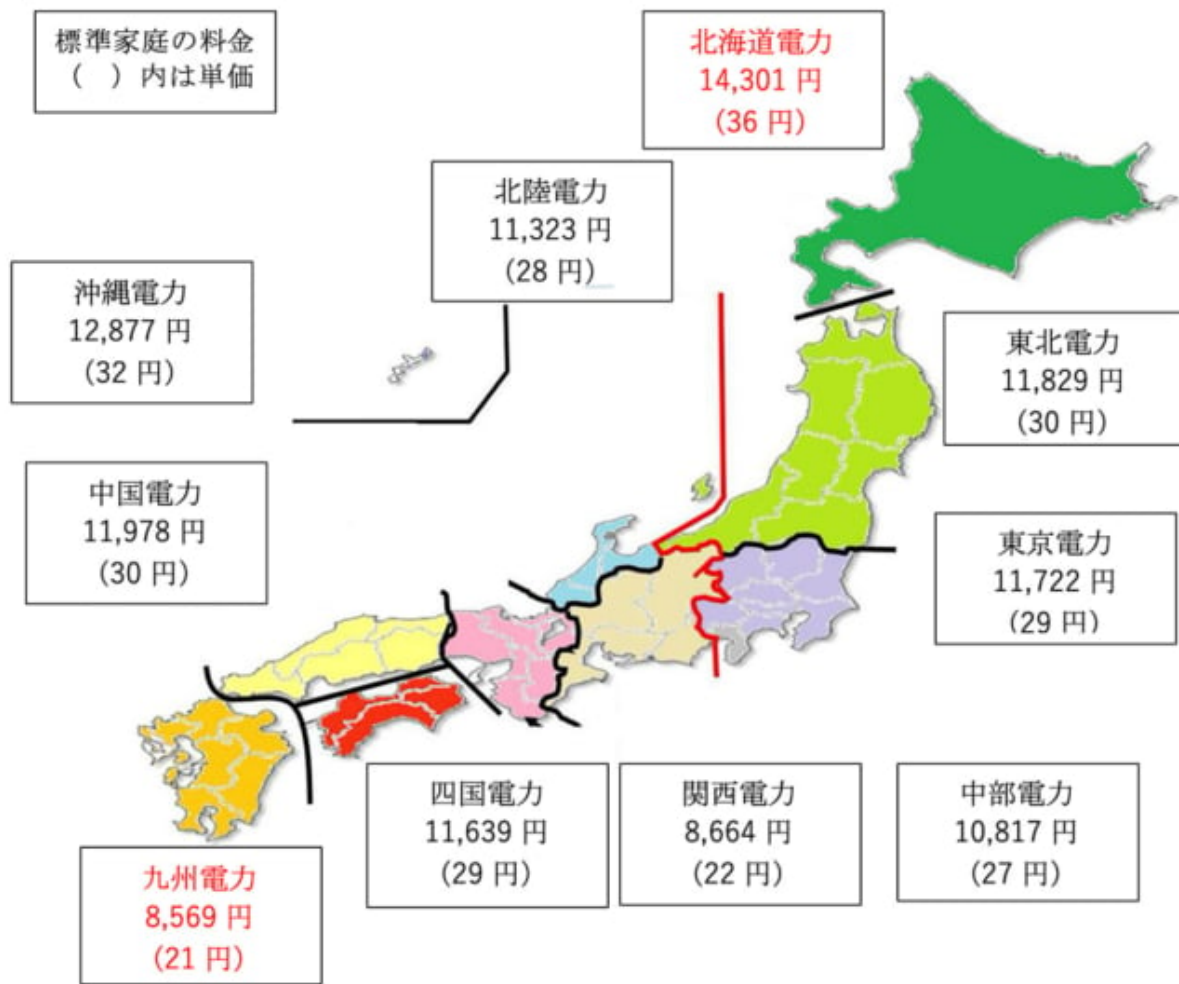


Mintr/iStock

2025?7?31????????????????????????????????3??
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?1??2023?6??B??30A?400kWh????????????????????
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2023年6月1日現在の標準家庭の電気料金と単価

北海道電力 14,301円 (36円/ kWh) 1.7倍
東北電力 11,829円 (30円/ kWh)
東京電力 11,722円 (29円/ kWh)

中部電力 10,817円 (27円/ kWh) 2倍
関西電力 8,664円 (22円/ kWh) 6倍
四国電力 11,639円 (29円/ kWh)

九州電力 8,569円 (21円/ kWh)

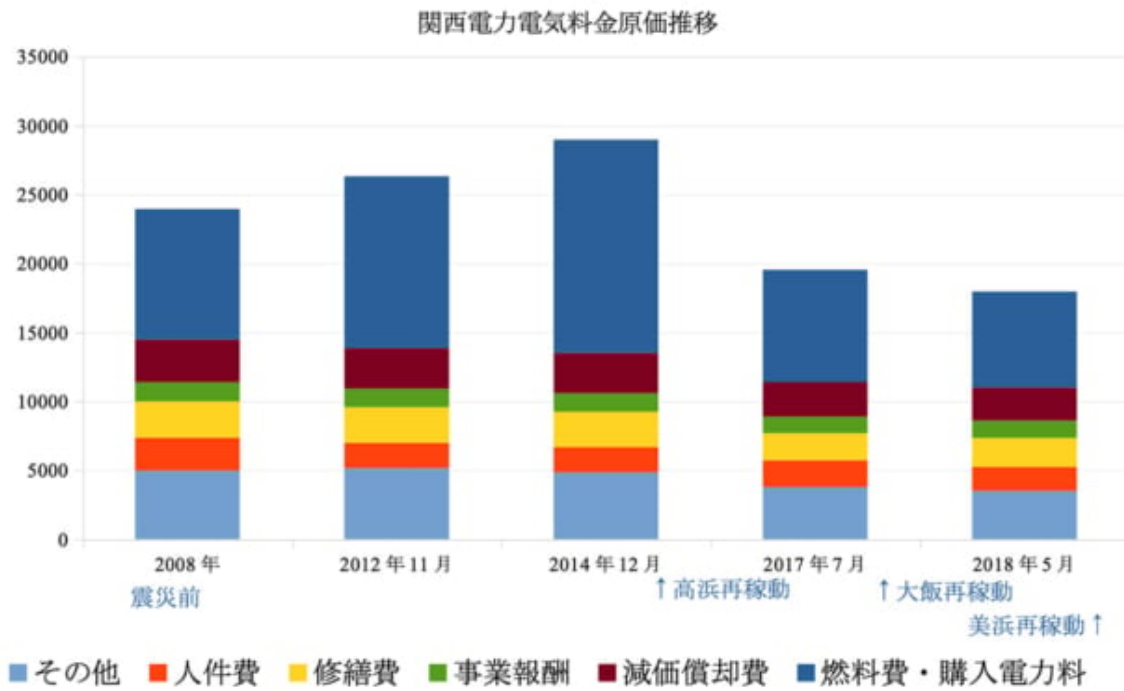
中国電力 11,978円 (30円/ kWh)

沖縄電力 12,877円 (32円/ kWh)

北陸電力 11,323円 (28円/ kWh)

<https://agora-web.jp/archives/240815045338.html>

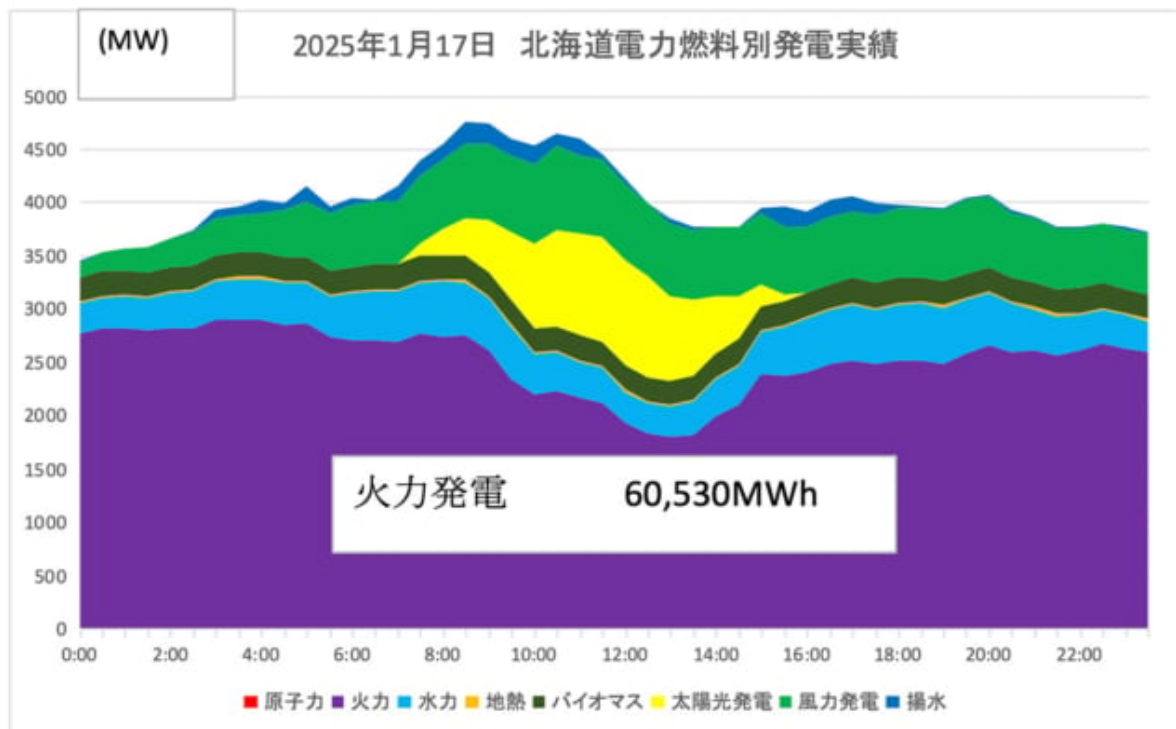
2014年と2017年の標準家庭の電気料金と単価の比較
2014年: 北海道電力 14,301円 (36円/ kWh)
2017年: 北海道電力 14,301円 (36円/ kWh)



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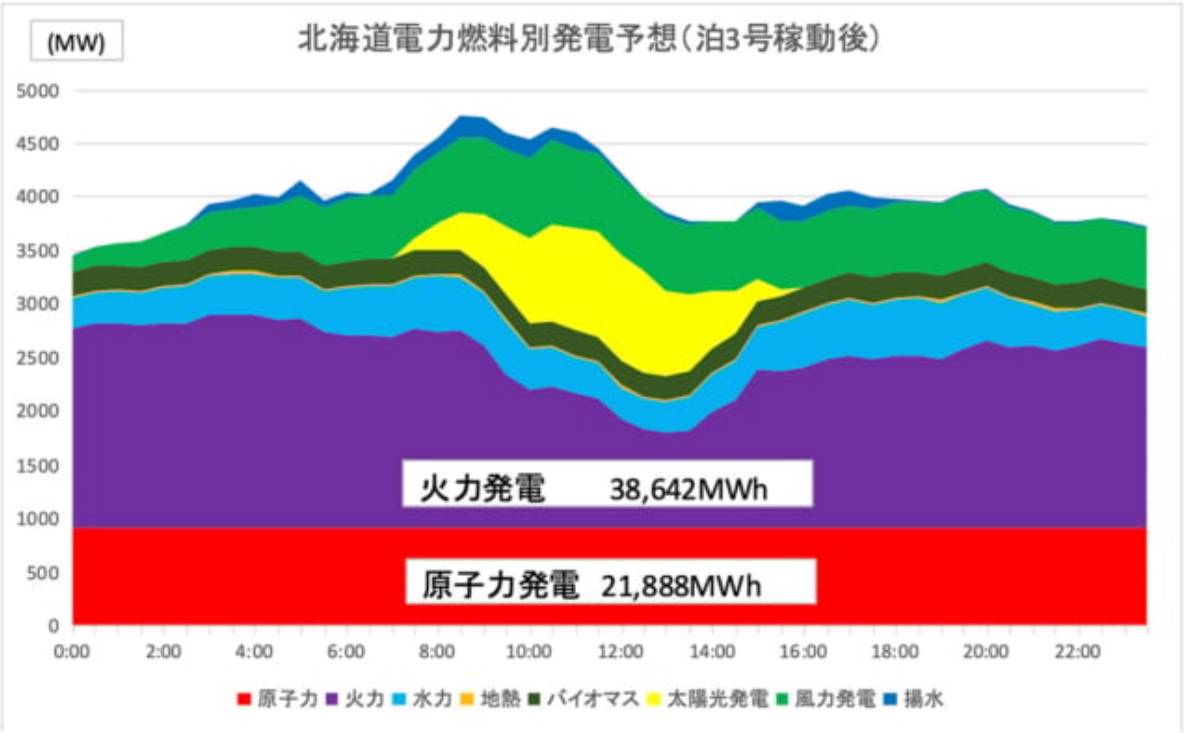
?3?1?17????????????????????60,530MWh??????



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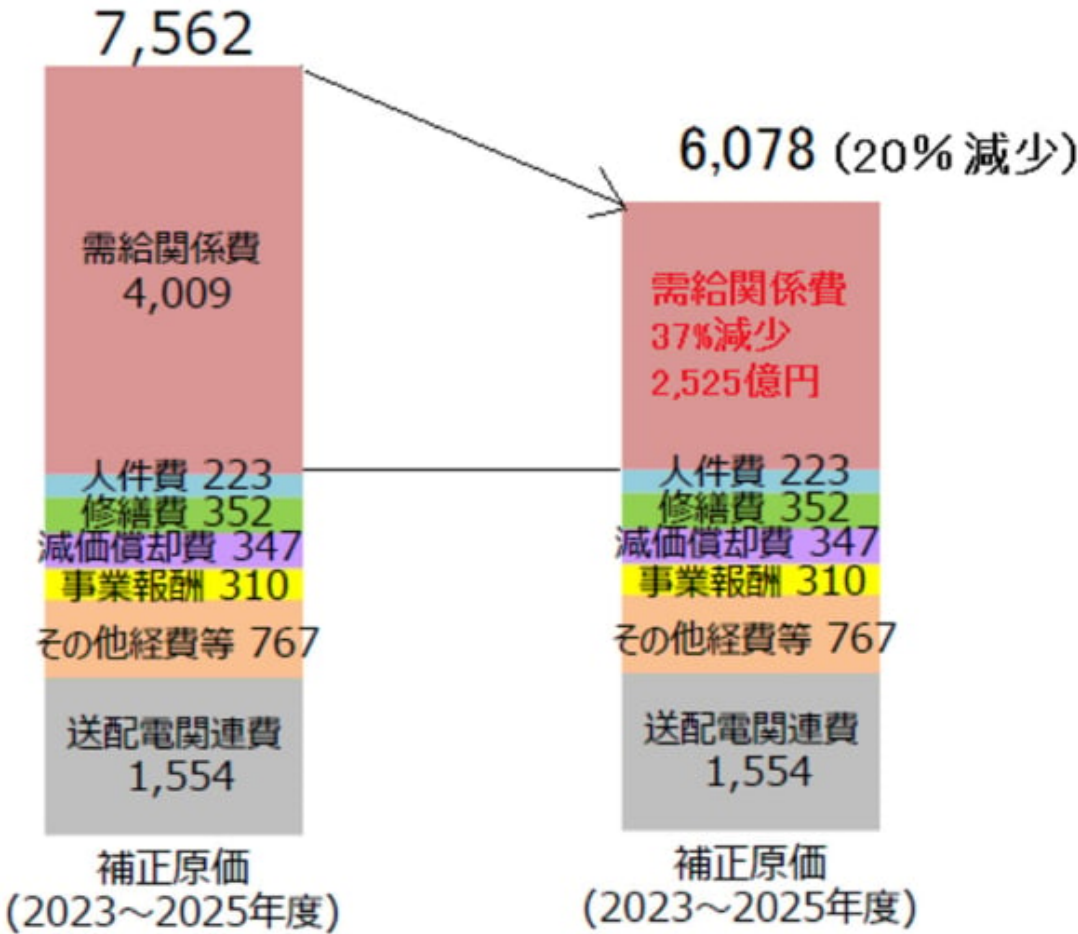
?4????????????????????????????

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?5??2023?5??4,009????????????????????
???37?????2,525????????????????

実際に申請した値

需給関係費を 37%減少
させた場合の総原価



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			現行料金		15%値下げ
従量電灯B	基本料金	10A	374円		317円
		15A	561円		476円
		20A	748円		635円
		30A	1,122円		953円
		40A	1,496円		1,271円
		50A	1,870円		1,589円
		60A	2,244円		1,907円
	電力量料金	120KWhまで	35円44銭		30円12銭
		120～280KWh	41円73銭		35円47銭
		280KWh超える	45円45銭		38円63銭
標準家庭の料金			14,301円		12,155円

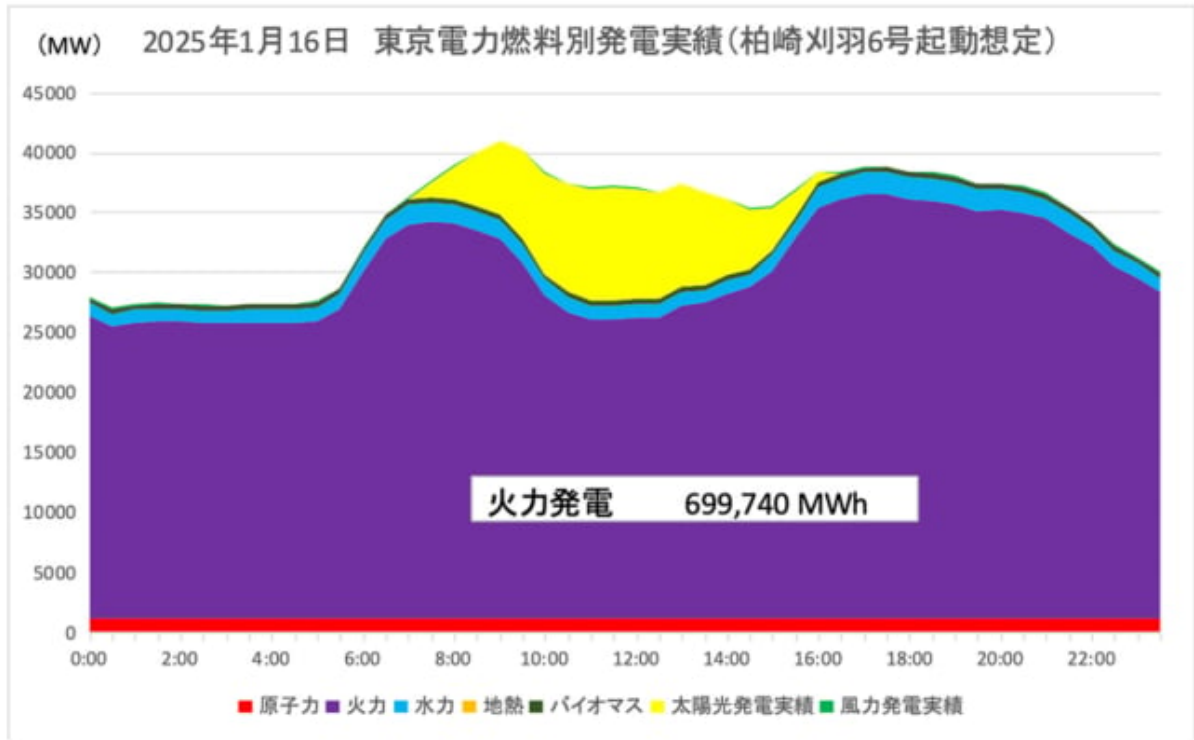
?1?15????????????????????

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??100??
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2025?8?4????????7??6????????????
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6116????????6????????????????????

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6????????75????????15????????

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6????100kW????2????

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?? ?? · Tuesday, August 12th, 2025

??A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate??????

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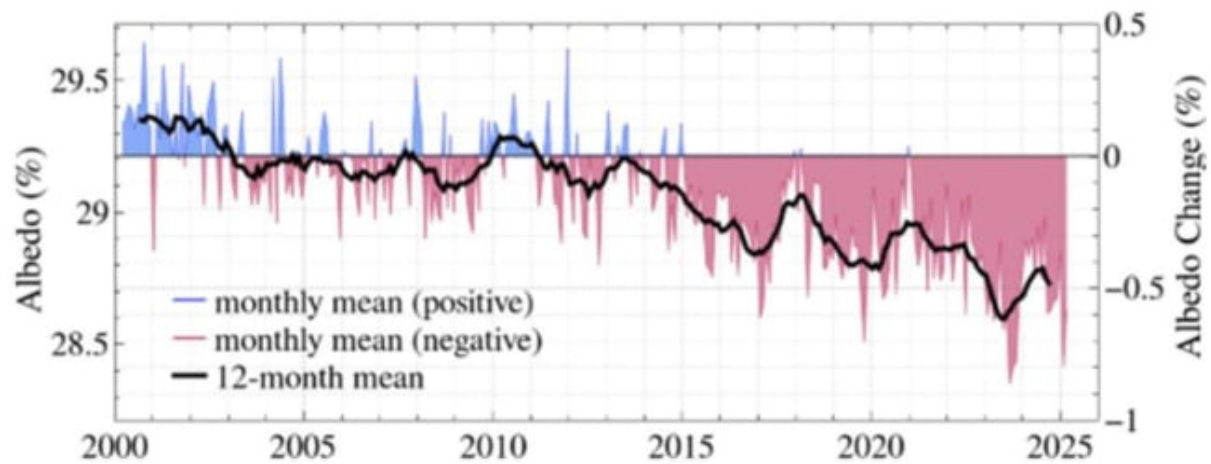
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???IPCC?19??????????????1????????CO2????????????????????????????????
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2015 8.2 0.5%



8.2
Hansen?Karecha?2025?

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10

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IPCC? 8.1

6 8.1
IPCC?

Climatic Impact-driver Type	Climatic Impact-driver Category	Already Emerged in Historical Period
Heat and Cold	Mean air temperature	1
	Extreme heat	2
	Cold spell	4
	Frost	
Wet and Dry	Mean precipitation	
	River flood	
	Heavy precipitation and pluvial flood	
	Landslide	
	Aridity	
	Hydrological drought	
	Agricultural and ecological drought	
	Fire weather	
Wind	Mean wind speed	
	Severe wind storm	
	Tropical cyclone	
	Sand and dust storm	
Snow and Ice	Snow, glacier and ice sheet	
	Permafrost	
	Lake, river and sea ice	11
	Heavy snowfall and ice storm	
	Hail	
	Snow avalanche	
Coastal	Relative sea level	
	Coastal flood	
	Coastal erosion	
Open Ocean	Mean ocean temperature	
	Marine heatwave	
	Ocean acidity	
	Ocean salinity	13
	Dissolved oxygen	14
Other	Air pollution weather	
	Atmospheric CO ₂ at surface	
	Radiation at surface	

High confidence of decrease

Medium confidence of decrease

Low confidence in direction of change

Medium confidence of increase

High confidence of increase

?8.1?IPCC AR6???I???12.12??1????
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????IPCC??CWG???????

IPCC??AR6??
WG1??11????Seneviratne et al., 2021????????????????

??AR5????????????????????????
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??WG1??12??8.5??12.12??2??
??Ranasinghe, 2021??

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??World Weather
Attribution?WWA?worldweatherattribution.org??
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WWA??
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??Pielke Jr.
2024????????????????WWA??
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??2????1????????????????????????????????

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2021????????2021?6??116????????107????????????10
8????????103????????????????????????Mass et al., 2024??

WWA??WWA, 2021; Philip et al., 2022??

- ???
- ?????????????????1000??1????????????????
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?? ?? · Monday, August 11th, 2025



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??A Critical Review of Impacts of Greenhouse Gas Emissions on the U.S. Climate??????

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1900????????????8??

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 ???AR6?2050??????

 ?????1995-2014????????????????2025??

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 AR6??1901??2018????????????????7.9?5.9–9.8??199

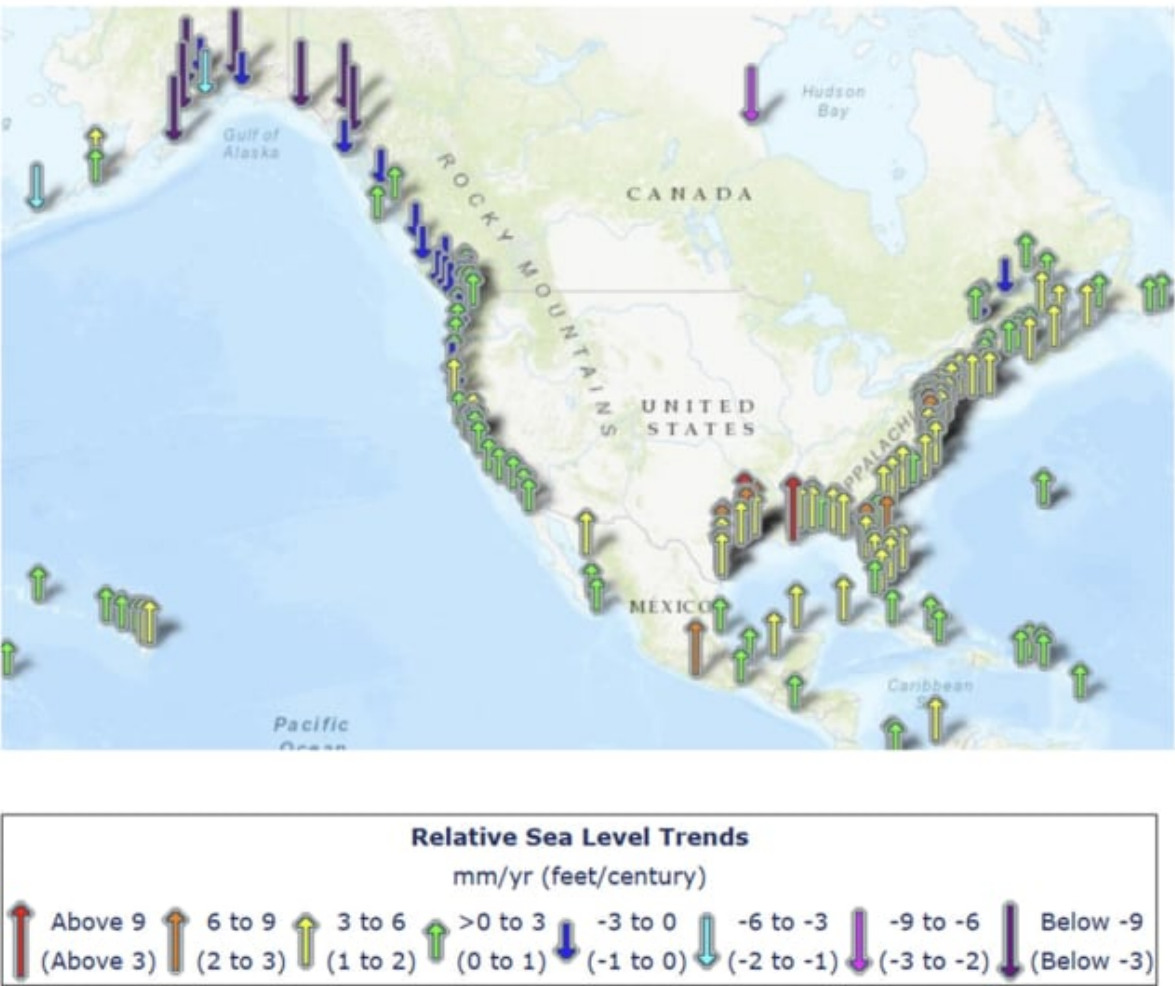
 3??2018??Fox-Kemper et al.,

 2021????????????????0.12????????????????2????????????????????????NASA, 2020??

 ???GPS????

 ?????????????????????????1993????????????????7.1??

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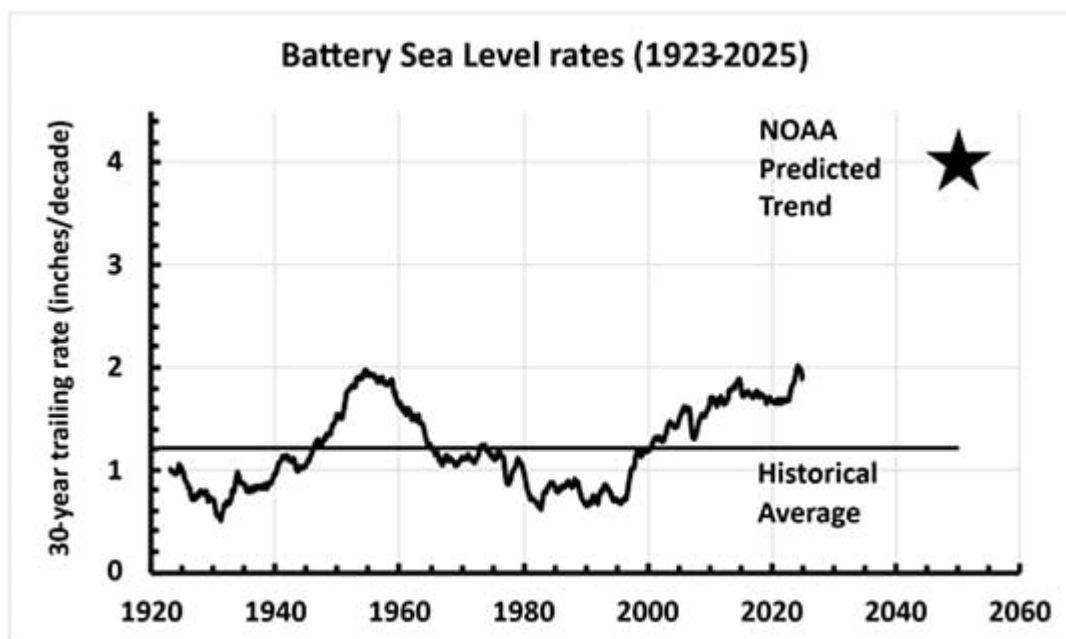
?7.1????????????????NOAA??

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AR6??2050??
 ???2050?????????????1995?2014???????????3.94?15.7
 5????5?95????????????????????????????????????Fox-Kemper et al., 2021??

???AR6??2100??
 ?????????????????????AR6?2100????????????????????????????????SSP2-4.5?Fox-
 Kemper??2021??????5th-95th????????????????????7.9?39.4????????????2100????????????????
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?7.6 ??????????????????????
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NOAA?????2050????????????????????
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