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• **2???????**

- ??????????????2?????????????????
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• **??????**

- 2020?? ?????????? ??????????????????????
- ?????????????????????2045?????????????????
- ??

• **?????AMOC??????**

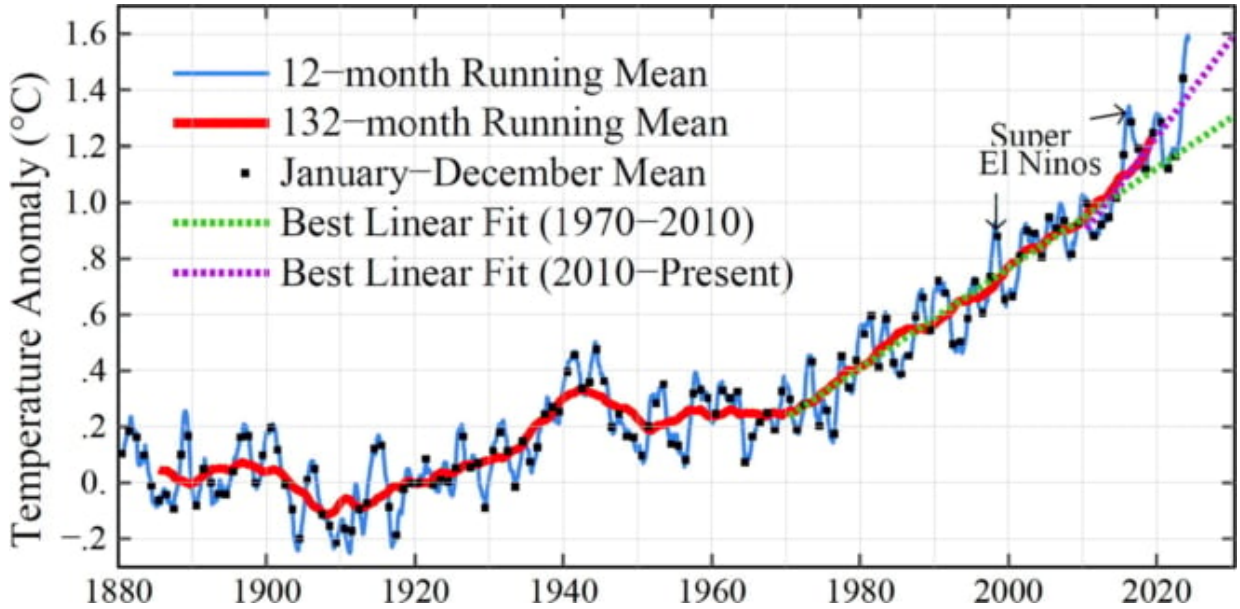
- ???1.3?????????????????????????????
- ?????????????30?????AMOC??

• **?????**

- IPCC?????????????????????????????
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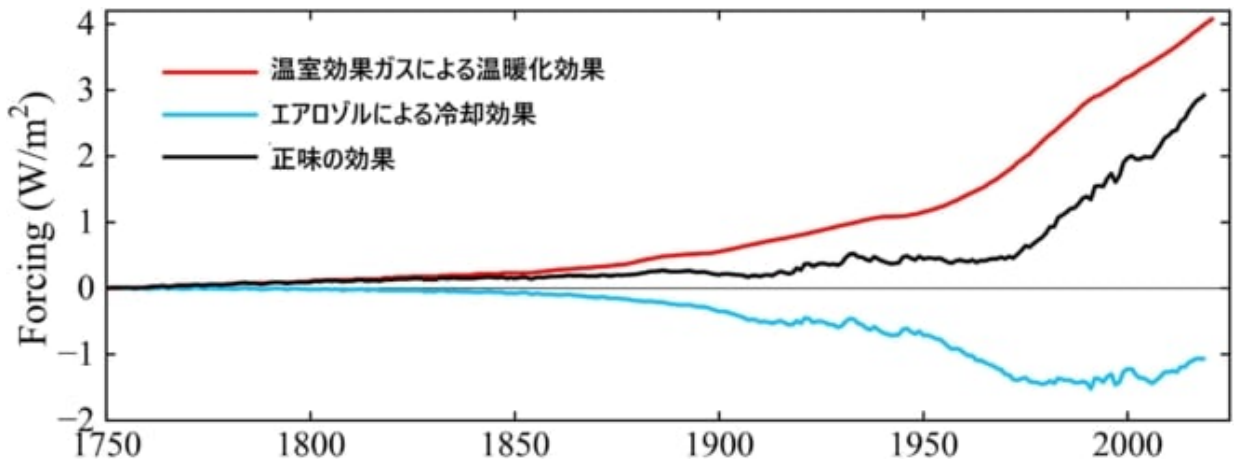
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Environment??????James E. Hansen et al.????????????????



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- ????????
- ?????? ??????0.4??? ??2024?8??? +1.6? ?????
- ????????? +2?3? ???
- IPCC??????????
- ?????????????????IPCC??????????
- IPCC??
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- ??????????????
- 2020?? ??????????? ?????????????????????
- ???
- AMOC???????
- ??? AMOC??????????????
- AMOC????????? ?????????????????????????
- ?????????????(?????????????)
- ?????????????SRM? ?????????????????????

- ???
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- **????????????????**
 - CO2?????? ?????????????????????
 - ?????????????10?20????????????????
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2020????? ?????????? ?????????????????????????2045????? ?????????? ??????????

????AMOC??? ???CO2????????????????????????????????????

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