

2. ?????????????

(1) ????????????

??50????????????????
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(2) ????????????

??CO????????????????????????????????SSP????????RCP????????????????RCP8.5??
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(3) ???????????

????????????????????TSI?Total Solar
Irradiance??²¹????????????????

??²²????????????????????????????????????20
????????CO????????????????????????????

?1????????1645??1715????????????????????????????
?2??

(4) ?????????????

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(5) ?????????????

??GCM??

(6) ?????????

??“????”????????

3. ?????????????????

??W. Happer????????????????R.
Lindzen?MIT????????????????????EPA????????????????EPA????????
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Happer-Lindzen-EPA-Power-Plants-2023-07-19

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??“??
????”??

6. ?????????????????

????????????????????????????“?????”??
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??GX??
??????????

観点	プラスの影響	マイナスの影響
政治・外交	環境先進国としての国際的評価向上 国際合意への建前的参加（COPなど）	政策の柔軟性喪失／内政の硬直化 世論形成の一元化と異論封じ
経済・産業	一部産業（再エネ、ESG、EV）への 資金集中 新規市場の創出	電力価格の高騰／生産コスト上昇 国内産業の空洞化と停滞
社会・生活	環境意識の向上／エシカル消費の普及	家計負担の増大／格差拡大 若年層の将来不安・消費冷え込み
科学・教育	気候科学への注目／環境教育の進展	気候モデルへの過信／多様な科学的視点の排除
環境そのもの	一部での排出量抑制努力の継続	太陽光・風力による森林破壊や景観損失 EV・再エネ素材採掘による環境破壊（海外）

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7. ????

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