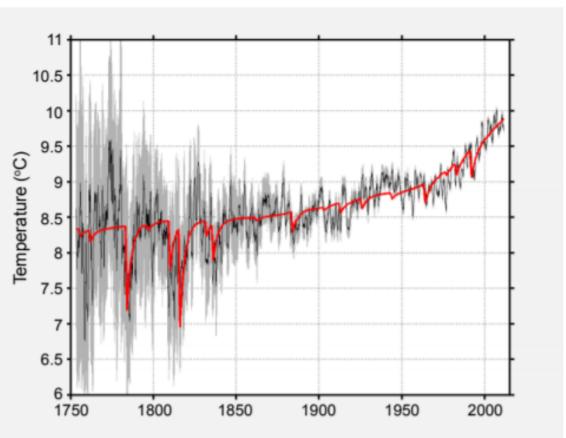


Geoengineering

A cooling to offset the effects of human-caused global warming.

Albedo modification

- $T_{s} = \left(\frac{(1-\omega)S}{4(1-\frac{\varepsilon}{2})\sigma}\right)^{\frac{1}{4}}$
- Increase the albedo (e.g., injecting aerosols into the stratosphere)
 - -> more sunlight to be reflected; less sunlight to be absorbed.
 - -> cooling



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 - -> more sunlight to be reflected; less sunlight to be absorbed.
 - -> cooling
 - Once begin, you need to keep doing it forever!
- CO2 Removal