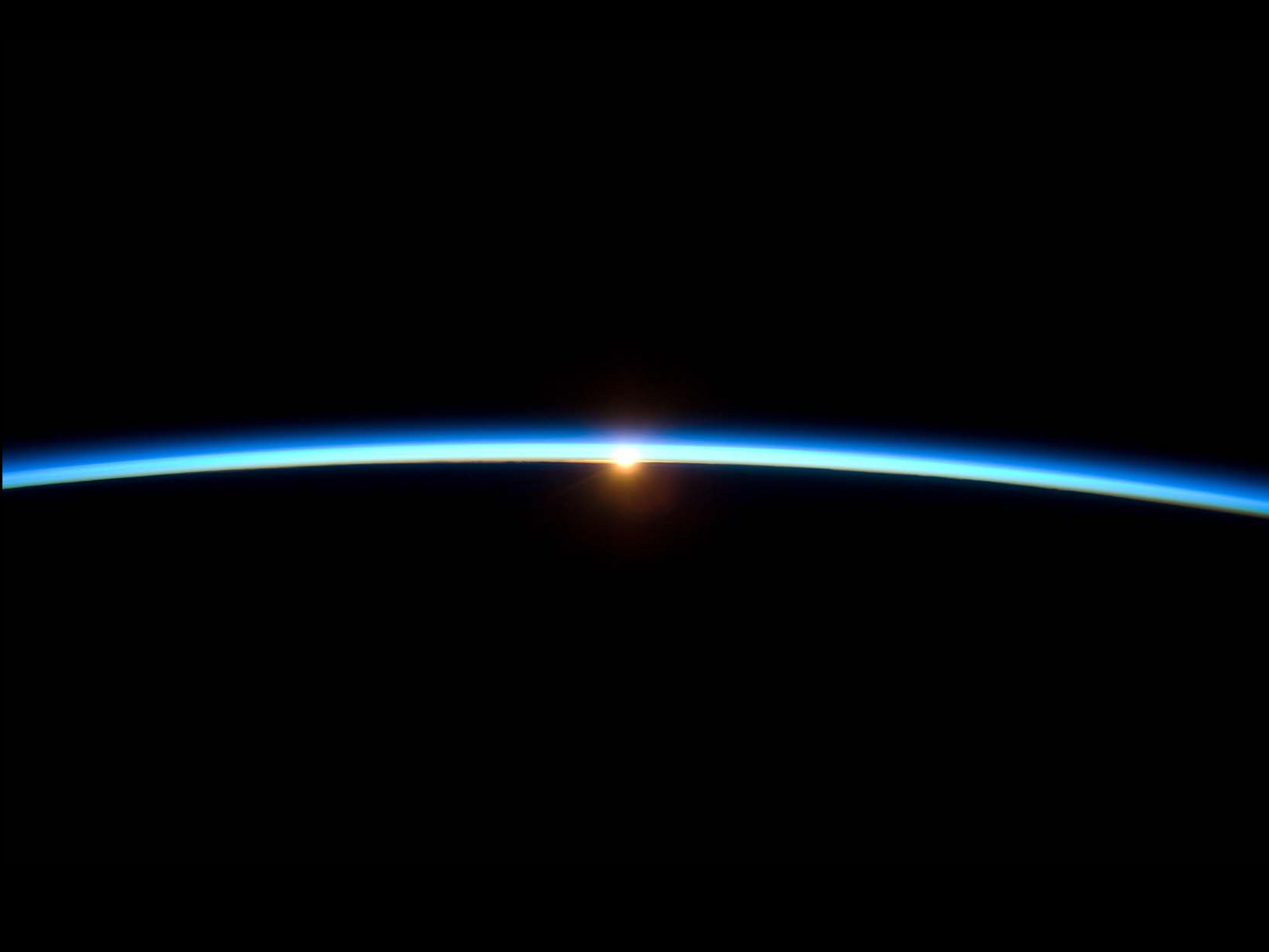


HACKING THE EARTH*



**(without voiding the warranty)*

Jamais Cascio
Institute for the Future
October 12, 2010



The background of the image is a close-up, high-resolution photograph of parched, cracked earth. The soil is a dark brown color, and the cracks are deep and irregular, creating a complex, textured pattern across the entire frame. The lighting is somewhat uneven, with slightly brighter areas in the center and darker tones towards the edges, emphasizing the dry, brittle nature of the ground.

Rule #1:
Desperate People
Do
Desperate Things

The background of the slide is a close-up photograph of parched, cracked earth. The soil is a dark brown color and has broken into numerous irregular, angular fragments separated by deep, jagged fissures. The lighting creates strong shadows within the cracks, emphasizing the texture and the severity of the dryness.

**Rule #1a:
Definitions of
“Desperate”
Will Vary Considerably**

Scenarios!

Climate Impacts:

Slow or Rapid

Geoengineering Efforts:

Coordinated or Independent

Scenarios!

Climate Impacts

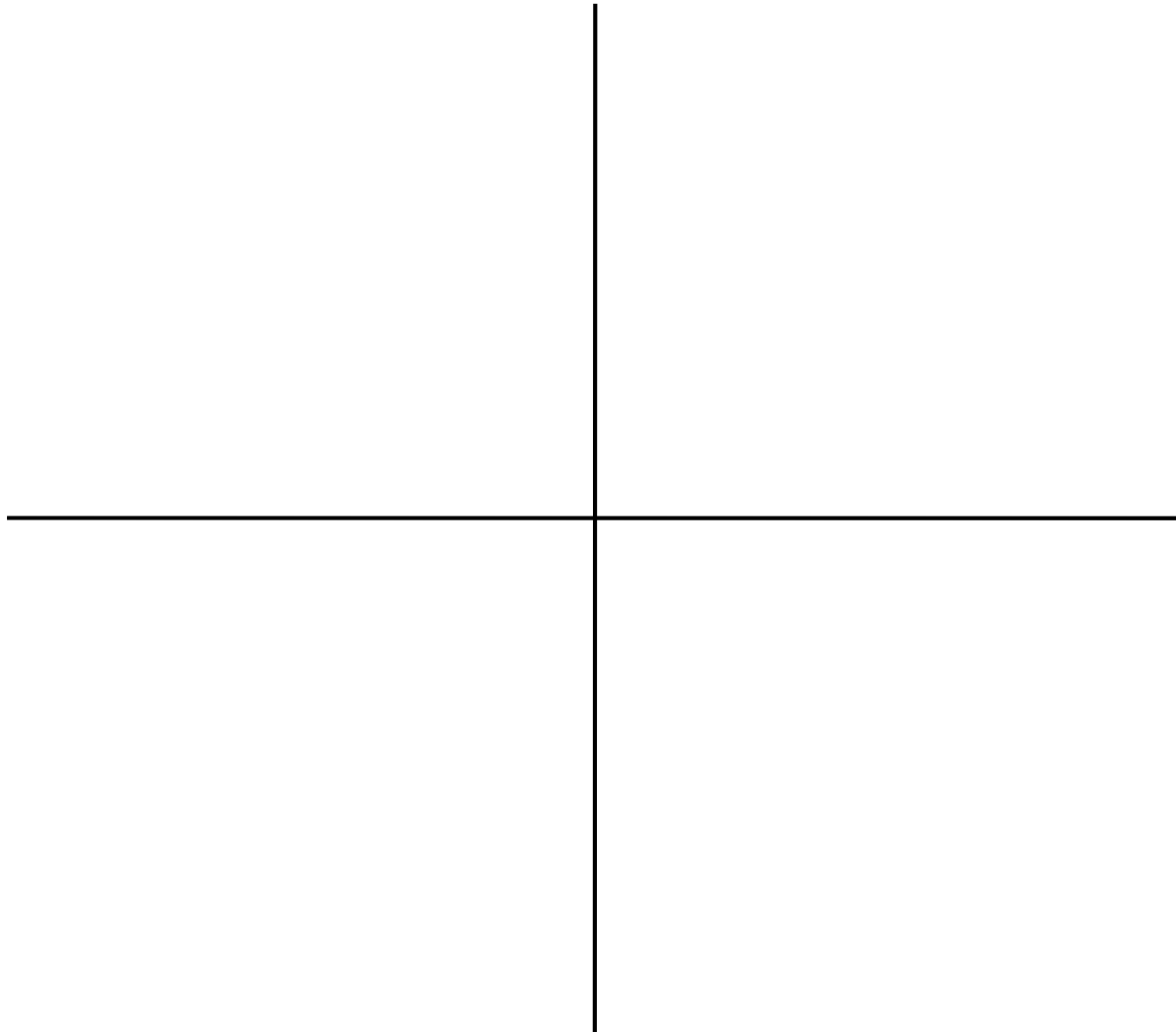
Rapid

Geoengineering Efforts

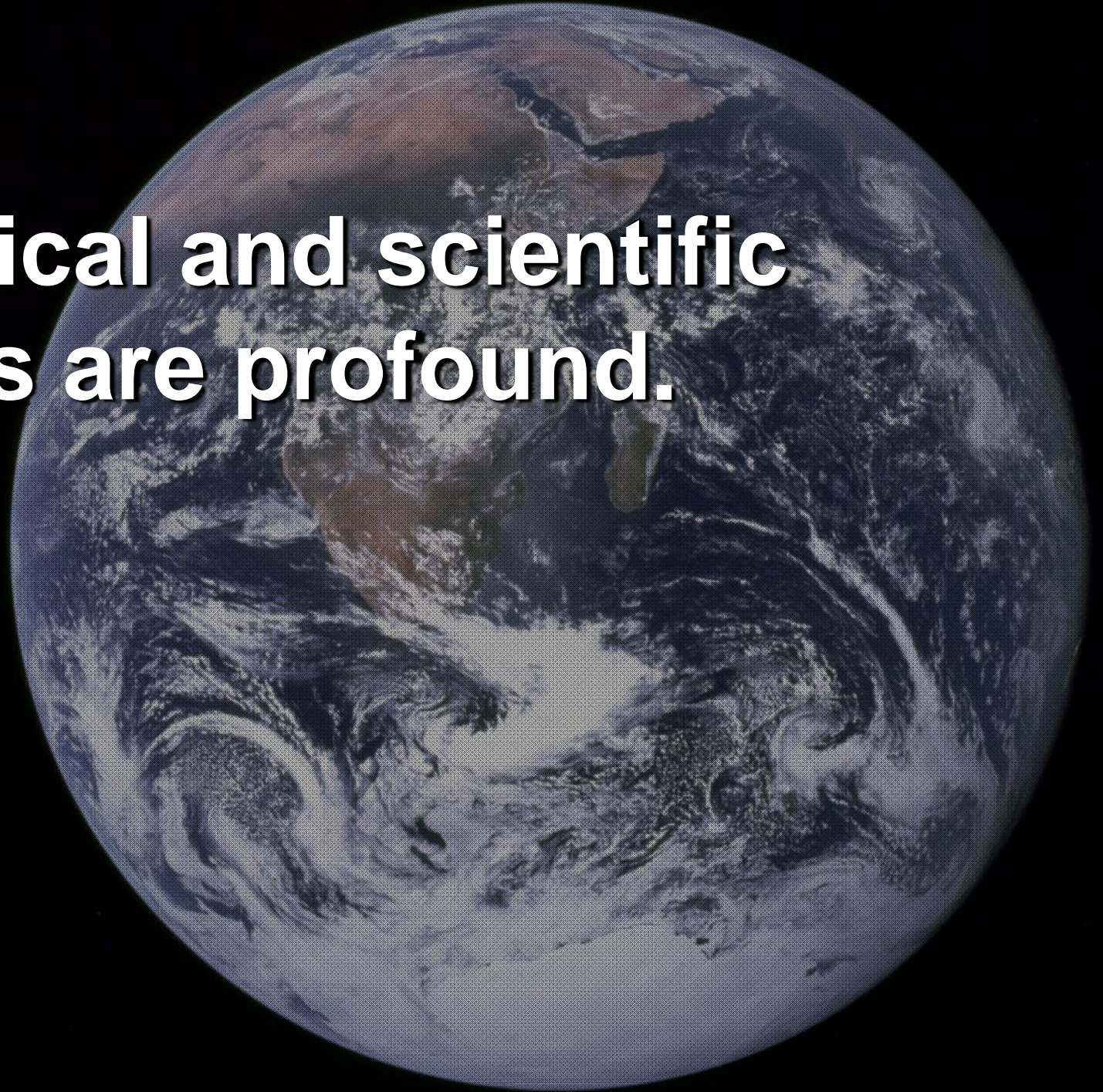
Coordinated

Independent

Slow



The technical and scientific challenges are profound.





**The ethical and political
challenges are even greater.**

Hubris

Agreeing on a Target Temperature

Deciding When to Start and Stop

Liability for Disrupted Weather Patterns

Blame for Accidents and Side-Effects

Conflicts Over Control

Strategic Misuse

Rogue Actors



GO BLUEBIRD

" If we are to realistically ensure the planet against potential global catastrophes in the future, we need a Plan B that will work, and work rapidly when enacted. This plan is Bluebird. "

Harrison Wyld

[HOME](#)[WHY GEOENGINEERING?](#)[VIDEOS](#)[BLOG](#)[FOLLOW US](#)

It's easy to lose hope...

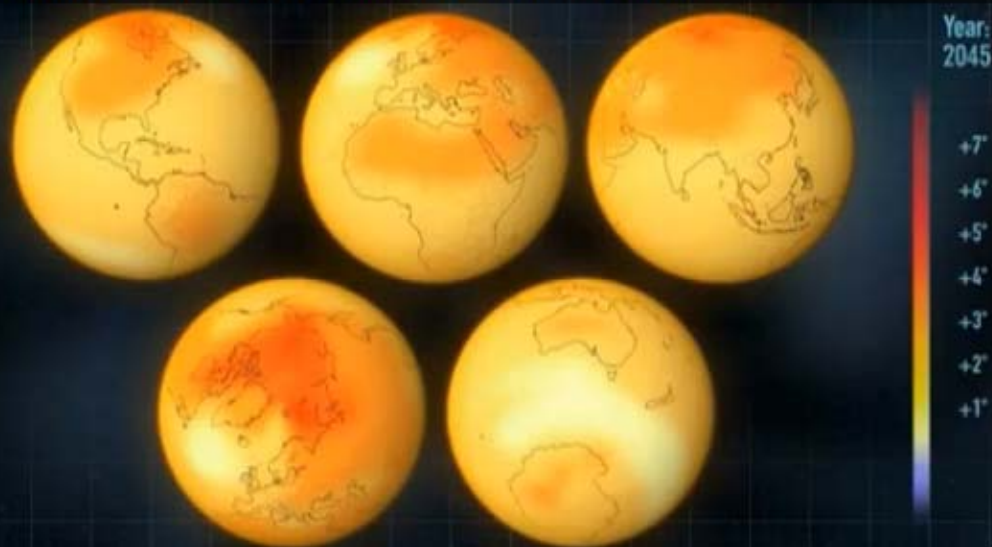
but we have one last chance.



It's good to know we have options...

1 Jun 2010

Go Bluebird - It's good to know we have options



Why Geoengineering?

The only way to head off disasters may be to change the climate *intentionally*.

Geoengineering has gone from a science fiction fantasy to a matter of sober consideration. We believe it's time to take the next step – find out why...

→ [Read more](#)



Go Bluebird Audio

→ [Listen to our latest campaign message](#)



Go Bluebird

bluebirdishope

#Geoengineering isn't a single idea, its a toolkit of responses that'll let us manage climate change while we cut

Climate Engineering Management: A Checklist



Transparency

Ongoing International Advisory Group

Bottom-Up “Eco-Scientists Without Borders”

Clear Mechanisms for Resolving Disputes

Ban (with teeth) on Non-State Projects

Scenarios!

Climate Impacts

Rapid

**A Climate
Security Council**

Mere Anarchy

**Orchestral
Maneuvers**

Herding Cats

Coordinated

Independent

Slow

Geoengineering Efforts



HACKING THE EARTH*

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