



SRM governance introduction

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Moral hazard response?

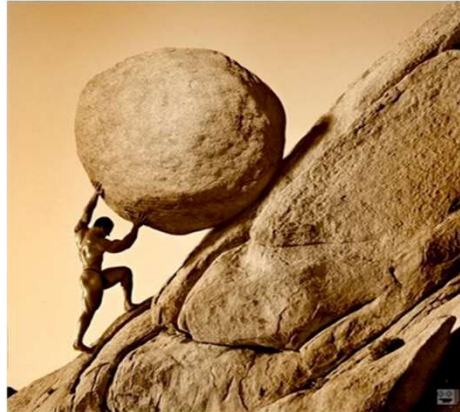


Will knowledge about SRM
create an disproportionate
reduction in efforts to
decarbonise?

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Slippery slope?

Will SRM research
lead uncritically to
deployment?



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Weaponisation?



Some are concerned that SRM will be weaponised

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Risks of ignorance?



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Politics



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Solar Radiation Management
Governance Initiative

Governance

- Governance is **more than regulation**
- Processes, mechanisms and driving forces that **prevent undesired** outcomes and **promote desired** ones
- Governance of deployment
 - Who decides? On what inputs?
 - What review and control procedures?
- Governance of research includes:
 - **International agreements**
 - **Ethics boards**
 - **Regulations** on release of chemicals in the environment
 - **Research funding** allocation processes

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Solar Radiation Management
Governance Initiative

Governance of research

- Research governance is the immediate challenge
- Achieving any possible social objective requires governance:
 - **Banning research**
 - **Pushing all research** to proceed as quickly as possible
 - **Allowing some research** to proceed under certain conditions
 - **International oversight**

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There is no widespread opposition to “indoors” research



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Outdoors research is more controversial



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What forms of outdoors research?

Low environmental risk research

- Light effects on ecosystems
- Impacts on ozone chemistry
- Exploring the effects of volcanic eruptions
- Effects of chemical deposition

Larger experiments with potential risks / international impacts

- Large scale tests of cloud brightening
- Experimenting on stratospheric aerosols at a global scale

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Three governance considerations

1. What is low risk research? Who decides?
2. How to define what is SRM research?
3. Governance before research?

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Thank you!