Response to Scott Barrett

Research Workshop on Governance of the Deployment of Solar Geoengineering

Stefan Schäfer
Harvard University, September 27th, 2018
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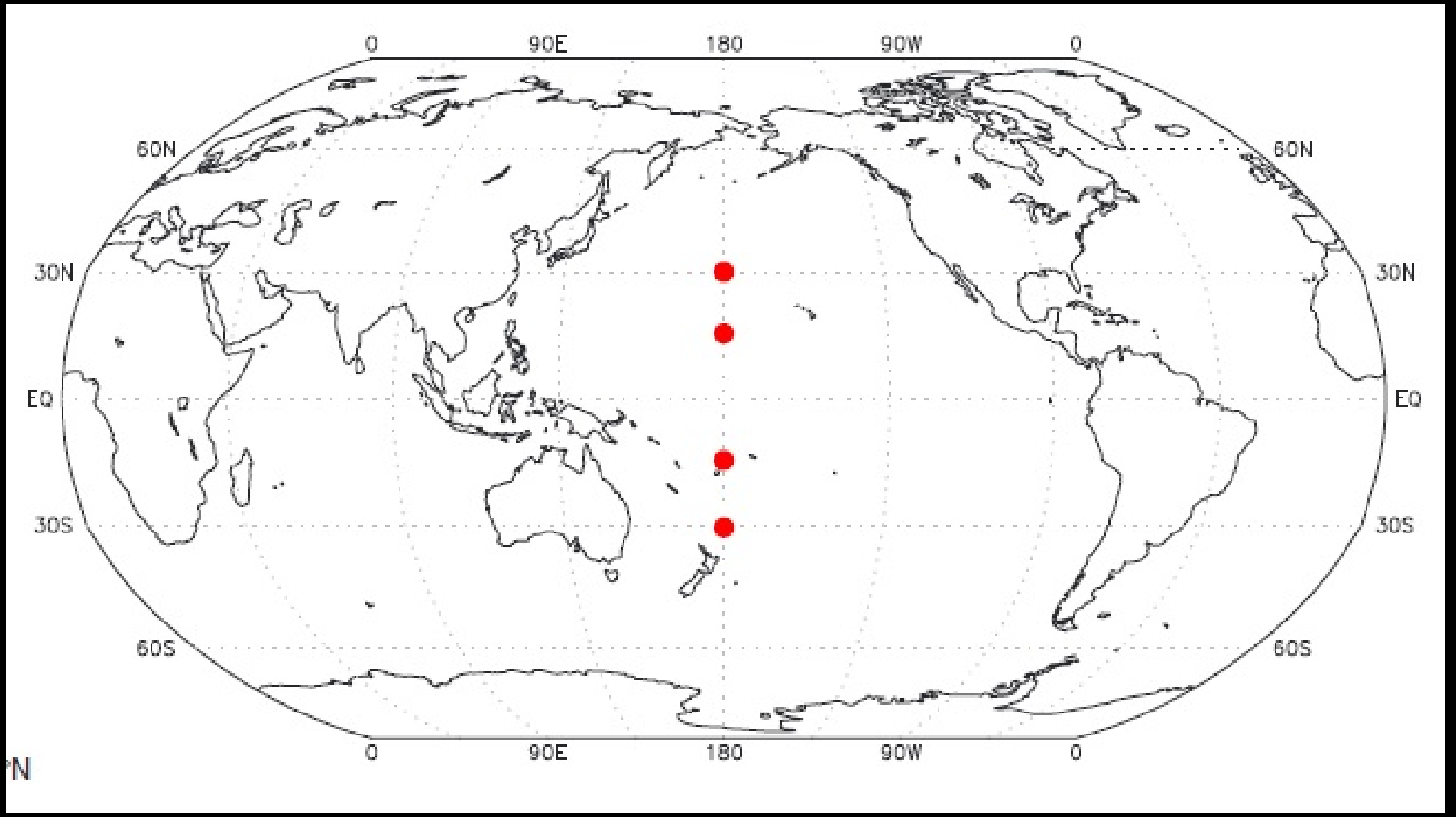
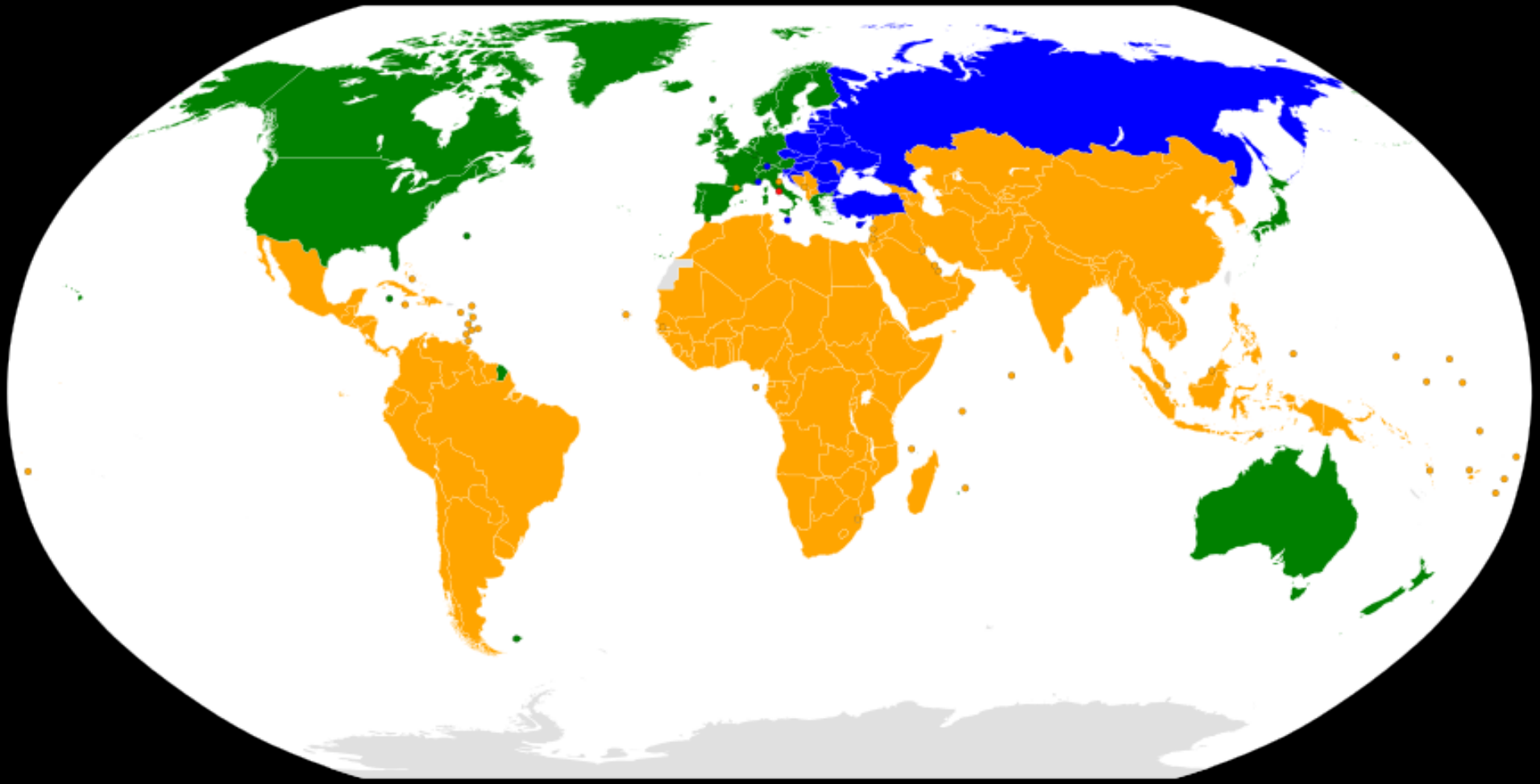
The world of geoengineering?



Kravitz et al. 2017, First Simulations of Designing Stratospheric Sulfate Aerosol Geoengineering to Meet Multiple Simultaneous Climate Objectives, in JGR Atmospheres, 122, p. 12,619.

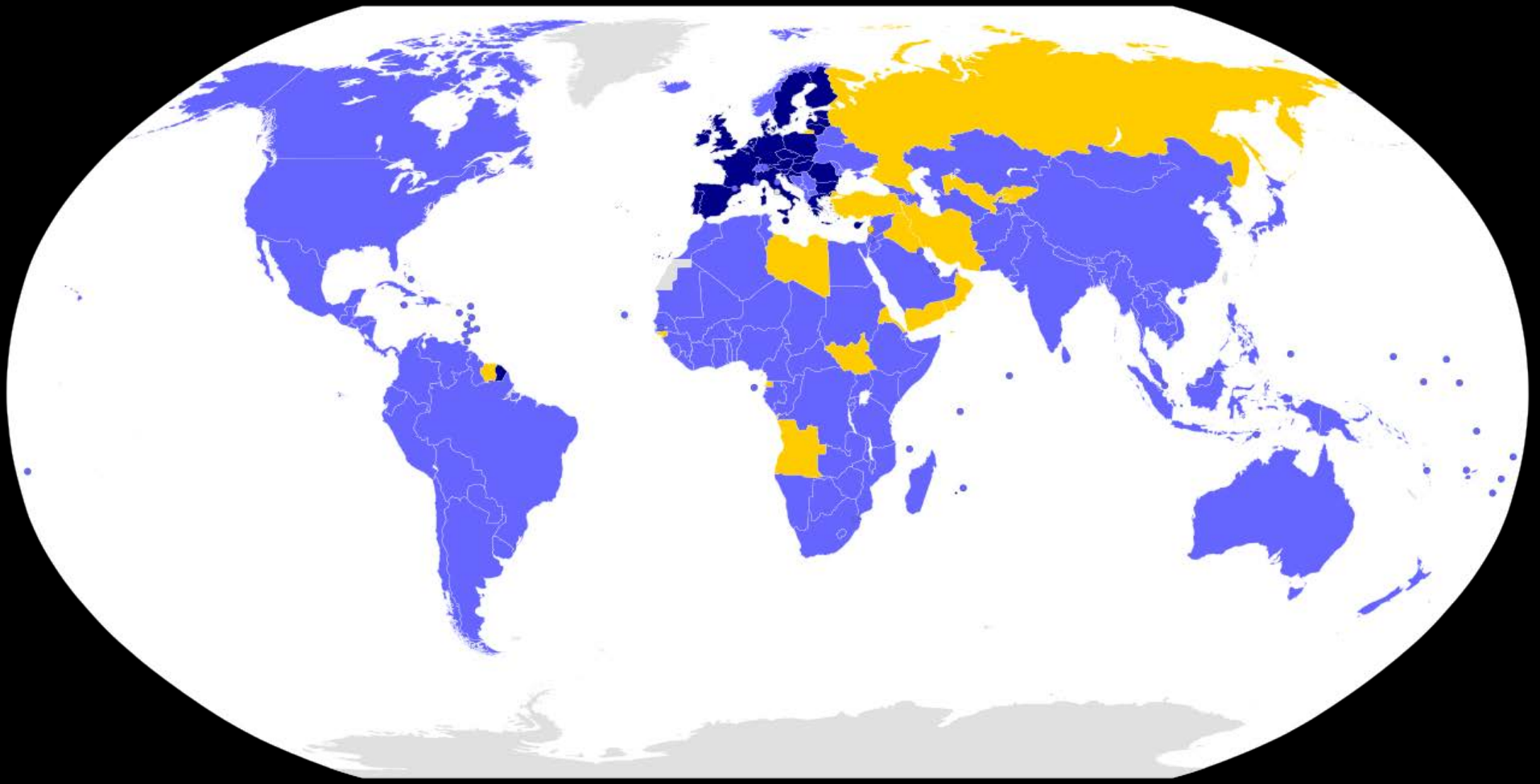
The world of the UNFCCC, 1992



Green and blue: Industrial countries (Annex 1)

Yellow: Developing countries

The world of the PA, 2015



Blue and dark blue: State Parties & EU

Yellow: Signatories

“The countries most likely to be affected”—How would you know how you‘re affected?

- Weather becomes blameworthy?
- A regime for „no-fault climate change compensation“ (Wong, Douglas & Savulescu 2014)?

“The countries most likely to be affected“—How would you know how you‘re affected?

- “We have raised many more questions than we are even remotely capable of answering, but we do wish to offer one ‘modest’ proposal, for ‘no fault climate disaster insurance.’ If a large segment of the world thinks the benefits of a proposed climate modification scheme outweigh the risks, they should be willing to compensate those (possibly even a few of themselves) who lose their favored climate (as defined by past statistics), without much debate as to whether the losers were negatively affected by the scheme or by the natural course of the climate. After all, experts could argue both sides of cause and effect questions and would probably leave reasonable doubts in the public's mind.” (Kellogg and Schneider 1974)

Science in Society Series

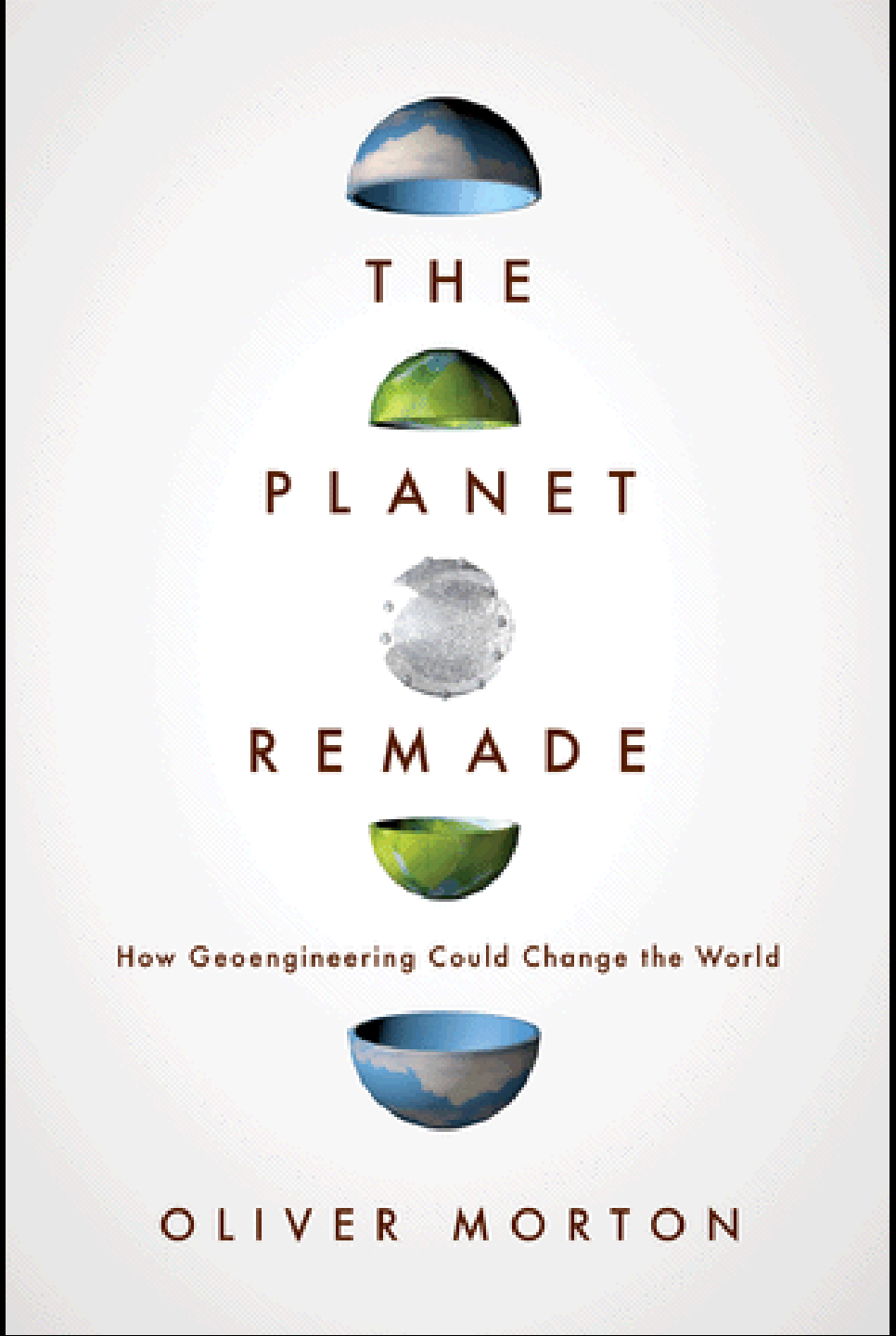
EXPERIMENT EARTH

RESPONSIBLE INNOVATION IN GEOENGINEERING

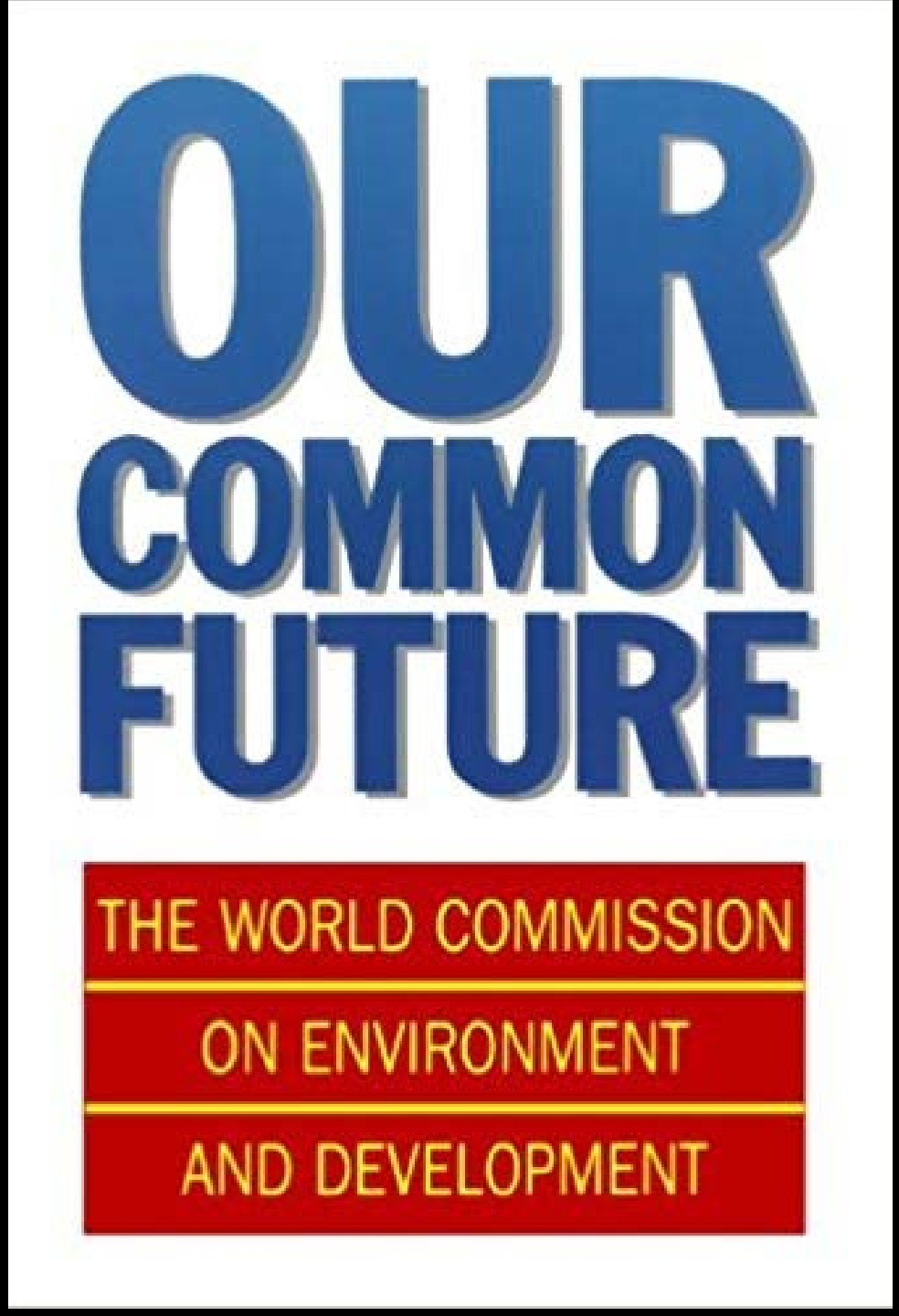
JACK STILGOE

earthscan from Routledge

Stilgoe 2014


THE
PLANET
REMADE
How Geoengineering Could Change the World
OLIVER MORTON

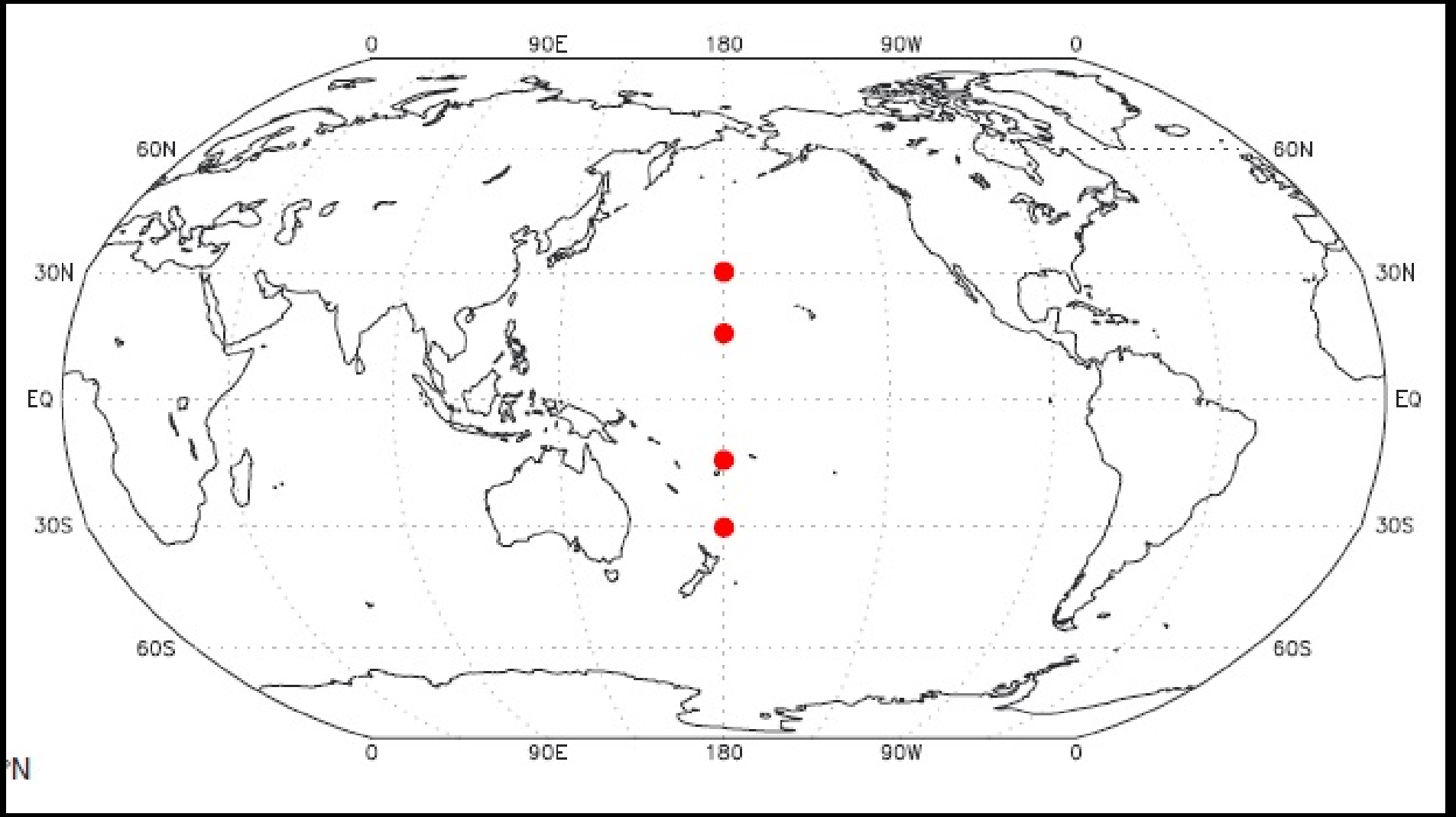
Morton 2015



"From One Earth to One World"

WCED 1987

The world according to geoengineering?



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