

## 3/Risky Science across Borders

### Acronyms and abbreviations

**AFCIG:** Australian Forum for Climate Intervention Governance

**CCS:** Carbon Capture and Sequestration

**CCT:** Cirrus Cloud Thinning

**CEEW:** Council on Energy, Environment, and Water (mistakenly called CEEE in the book)

**COP:** Conference of the Parties

**GHG:** Greenhouse gases

**IMO:** International Maritime Organization

**IPCC:** Intergovernmental Panel on Climate Change

**MCB:** Marine Cloud Brightening, also called Marine Cloud Whitening

**OSTP:** (White House) Office of Science and Technology Policy

**RAF:** Refreeze the Arctic Foundation

**SAI:** Stratospheric Aerosol Injection

**SCoPEx:** Stratospheric Controlled Perturbation Experiment

**SPICE:** Stratospheric Particle Injection for Climate Engineering

**SRM:** Solar Radiation Modification

**TUDCI:** Technical University of Delft Climate Institute

### Glossary

**1.5 degrees Celsius:** The acceptable increase in average temperature above pre-industrial levels that 195 nations agreed to as a goal in the 2015 Paris Agreement; exceeding this level is referred to as climate overshoot

**Carbon emissions:** Carbon dioxide emissions created from human use of fossil fuels make up most of the greenhouse gas emissions currently responsible for global warming

**Conference of the Parties (COP) meetings:** Annual meetings of the United Nations Framework Convention on Climate Change, the parent convention of the 1997 Kyoto Protocol and the 1995 Paris Agreement, aimed at stabilizing global greenhouse gas emissions through international cooperation

**Fossil fuels:** Non-renewable energy resources such as coal, gas, and oil that cause harmful greenhouse gas emissions when burned

**Geoengineering:** Large-scale manipulation of the Earth's climate processes to mitigate global warming by reflecting solar radiation back into space (solar radiation modification) or removing carbon dioxide from the atmosphere (carbon capture and sequestration)

*Please see the following page for some additional resources.*