

Click [here](#) if you are having trouble viewing this message.



Dear friends,

Over the past months, the C2G Team has continued to do the best it can working online, as the Covid-19 crisis continues and while international in-person meetings and even point-to-point travel have remained severely limited. Travel plans for the rest of the year continue to be in limbo.

The impacts of climate change have continued to become increasingly visible over recent months with extreme heat, and related forest fires in the USA, Canada and Siberia, followed by exceptional flooding and landslides in Western Europe and, more recently, in Central China. Alarming, recent research suggests that the Amazon Forest has turned from a net absorber to a net producer of carbon dioxide. Scientists are suggesting that such extreme events could not have happened without the exacerbating effect of climate change and some are suggesting that climate-change-related “tipping points” are perhaps being surpassed already.

Such context is driving more people to want to understand, whether, and if so how, large-scale interventions for carbon dioxide removal or solar radiation modification could help, in addition to the overarching priority of emissions reductions (and adaptation). All this and more has kept the C2G Team very busy – both continuing our regular work as shown below, while also following, and as needed reacting, to emerging developments.

We have continued to expand our C2GTalk and C2GDiscuss series – with more exciting events and interviews planned for later this year. We have also been active organising side events at international meetings – usually in cooperation with partner organisations. Our cooperation with the UN’s regional economic commissions has been particularly productive, and is leading to their increasing engagement around these issues.

—Janos Pasztor, Geneva, August 2021

C2G Blog



What implications could Solar Radiation Modification have for the Sustainable Development Goals

Guest post by Matthias Honegger, Axel Michaelowa, and Jiahua Pan

Measures for fighting climate change – especially at large scale – come with side-effects on society and the environment, both positive (co-benefits) and negative. In order to build up breadth and depth in understanding, broad-based assessment metrics that span the SDG dimensions are needed to better explore and discuss the interrelationships.



Learn more about the governance of emerging climate-altering approaches with C2G's knowledge resources

By Anita Nzeh

One key governance challenge is a lack of knowledge about the techniques, how ready they are for deployment, and their potential impacts. In response, C2G has developed knowledge resources that provide high-quality, impartial, and independently peer-reviewed evidence and policy insights about these approaches and their governance.



Navigating the maze of climate-altering terminology

By Mark Turner and Paul Rouse

One of the fundamental challenges in any new field of knowledge is navigating the many terms people create to describe it. Terminology can frame the debate; it associates ideas with other ideas, and can have a significant impact on the readiness of audiences to engage, how they engage, and on the outcomes of their discussions.

C2GTalk



How can the idea of a planetary emergency help the world emerge from crisis?

An interview with Sandrine Dixon-Decleve

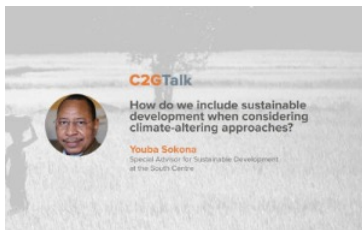
Co-president of the Club of Rome



How might solar radiation modification be put on the international governance agenda?

An interview with Marc Vanheukelen

The European External Action Service's ambassador at large for climate diplomacy



How do we include sustainable development when considering climate-altering approaches?

An interview with Youba Sokona

Vice-Chair of the Intergovernmental Panel on Climate Change (IPCC)



How might 'ecological civilisation' consider emerging approaches to alter the climate?

An interview with PAN Jiahua

Professor of Economics and Director, Institute of Ecocivilisation Studies, Beijing University of Technology

C2GDiscuss



Ocean-based climate altering approaches in context: the ocean-climate nexus

A discussion with Stefanos Fotiou, Kristina Maria Gjerd, Joyashree Roy and Janos Pasztor

Side events at international meetings



Potential implications of Carbon Dioxide Removal on the Sustainable Development Goals in the African and the Latin American and Caribbean regions?

A discussion with Jean-Paul Adam, James Mwangi, Estefani Rondón Toro, Leah Wanambwa, Alia Hassan and Janos Pasztor
The UN High-level Political Forum on Sustainable Development



Carbon Dioxide Removal, determining transformation opportunities in relation to the Sustainable Development Goals

A discussion with Stefanos Fotiou, Oliver Geden, Jan Kairrel Guillermo, Luiz Fernando Krieger, Aneta Nikolova, Joyashree Roy, Dechen Tsering and Qi Zheng
Asia Pacific Climate Week



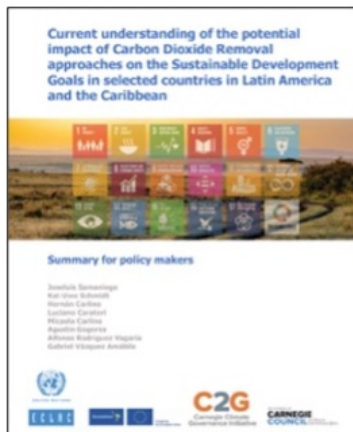
Governance of emerging climate technologies in the context of sustainable development

A discussion with Inés Camilloni, Prakash Kashwan, Ambuj Sagar, Leah Wanambwa, Janos Pasztor and Alia Hassan

Multi-Stakeholder Forum on Science, Technology and Innovation for the SDGs (STI Forum)

Publications

C2G-Supported Papers



12 Jul 2021 *Current understanding of the potential impact of CDR approaches on SDGs in selected countries in Latin America and the Caribbean* ([landing page](#)) ([full report](#)) ([Français](#)) ([Español](#))



17 Jun 2021 *Potential implications of solar radiation modification for achievement of the Sustainable Development Goals*

Mitigation and Adaptation Strategies for Global Change

C2G Contributions



20 Jul 2021 *Solar geoengineering research needs formal global debate*

Nature



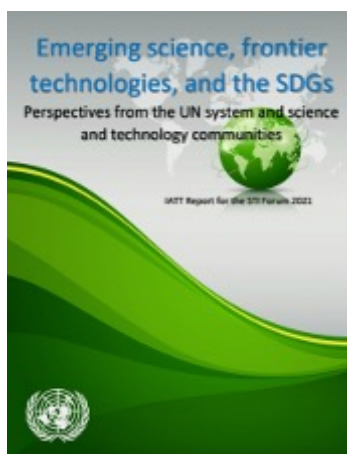
15 Jul 2021 [*A risk-risk assessment framework for Solar Radiation Modification*](#)
International Risk Governance Center



25 Apr 2021 [*Introduction to the Special Issue: 'Governing Climate-altering Approaches'*](#)
Global Policy, C2G Special Issue

Work With Partners

UN Interagency Task Team on Science, Technology and Innovation for the SDGs



A C2G-authored paper '*SRM and its implications for the SDGs*' was included in the UN Interagency Task Team on Science Technology and Innovation for the SDGs (IATT) report '[*Emerging science, frontier technologies, and the SDGs: Perspectives from the UN system and science and technology communities*](#)' (p172-176) presented at the 2021 Science Technology and Innovation for Sustainable Development (STI) Forum.

United Nations Economic Commission for Asia and the Pacific (UNESCAP)



C2G developed content for online thematic resources pages and E-learning pages on the United Nations Economic Commission for Asia and the Pacific (UNESCAP) [SDG Helpdesk](#), these include:

- [Thematic area pages on climate-altering approaches](#)
- [E-Learning page on Solar Radiation Modification](#)
- [E-Learning page on Carbon Dioxide Removal](#)

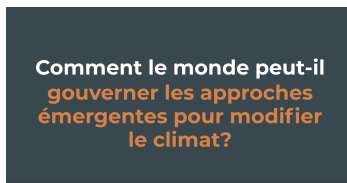
C2G Staff in the Media

- 1 Jun 2021 [Should solar geoengineering be part of how humanity counters climate change?](#) Toni Feder, *Physics Today*
- 12 May 2021 [Give research into solar geoengineering a chance](#) *Nature*

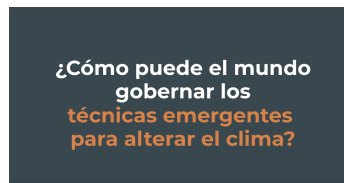
C2GLearn, C2GDiscuss and C2GTalk are available in Chinese, French and Spanish



[点击这里了解更多](#)



[Cliquez ici pour en savoir plus](#)



[Clic aquí para saber más](#)

Tell us what you think!

We welcome feedback and suggestions on our content and work. If you would like to share comments with us, please send an email to: contact@c2g2.net



C2G, an initiative of [Carnegie Council for Ethics in International Affairs](#), seeks to catalyse the creation of effective governance for emerging climate technologies and approaches, in particular for solar radiation modification and large-scale carbon dioxide removal. To achieve this, it aims to expand the conversation from the scientific and research community to the global policy-making arena, and to encourage society-wide discussions about the risks, potential benefits, and ethical and governance challenges. C2G is Impartial: it is not for or against the research, testing or potential use of any proposed method or technology. These are choices for society to make.

Click [here](#) to unsubscribe from this mailing list.

