

SOS newsletter

Secure Our Sustainability

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Welcome to the SOS Newsletter

Dear Reader,

Why SOS?

SOS is widely known as a call of distress. There is considerable distress worldwide, as COVID-19 variants arise despite growing vaccine availability, climate change is becoming more obvious and intense in more places, and autocratic regimes inhibit responses while trampling human rights.

But SOS can also have a positive side, involving the efforts of 2,000+ organizations, that The Security & Sustainability Guide describes, working towards Securing Our Sustainability and Sustaining Our Security. Security opens sustainability, and vice versa; we cannot have one without the other.

Since many of you might be new to the SSG we would like to introduce the most relevant content types on our site:

- [Organizations](#) and [Notable Organizations](#)
- [Notable Online Reports](#)
- [QuickLooks, Reviews, and Essay](#)
- [Online Portals](#)
- [Change Leaders](#)

These content types can be accessed directly or through the [search function](#) and our different types of indices:

- [General Categories Dashboard](#)
- [Major Categories Index](#)
- The full [Subject Index](#)

Find out more about recent highlights below!

Friedrich Hirler
Managing Editor

New Website



Our new website has been launched in June with an upgraded design, higher server speeds, and overall better usability.

It provides us with a future proof restructuring of our database and will enable us to slowly improve the user experience over the coming months and years.

[Check it out](#)

New Reports



[IPCC Sixth Assessment Reports \(2021-2022\).](#)

The authoritative Intergovernmental Panel on Climate Change, comprising 230 authors from 65 countries, has announced four “AR6” reports from its three Working Groups:

- AR6 Climate Change 2021: The Physical Science Basis (Aug 2021): How much warming and where.
- AR6 Climate Change 2022: Impacts, Adaptation, and Vulnerability (Feb 2022) On costs of options.
- AR6 Climate Change 2022: Mitigation of Climate Change (March 2022) On options for keeping to temperature targets and scenarios on renewable energy and carbon capture and storage.
- AR6 Synthesis Report: Climate Change 2022 (Sept 2022): On projections to 2100 and beyond, and near-term response to 2040; to include a 5-10p Summary for Policymakers.

[More about AR6](#)

Other Recent Reports



Biodiversity and Climate Change: Workshop Report

(IPBES and IPCC, June 2021, 28p)

The Intergovernmental Panel on Climate Change and the lesser-known Intergovernmental Science Policy Platform on Biodiversity and Ecosystem Services emphasize that “climate and biodiversity are intertwined through mechanistic links and feedbacks”; limiting global warming and protecting biodiversity “are mutually supporting goals... essential for sustainability.”



SDG Action 2021: Practical Knowledge for a Fairer, Safer, Sustainable World

(Sustainable Development Solutions Network, July 2021, 132p)

Brief sections comprising “a global roadmap for recovery,” on democratizing governance structures, transformative partnerships, COVID-19 lessons, tracking inequality at all levels, cities as vanguards for action, fair and long-term finance, reinventing capitalism, land restoration now, ocean solutions, speeding transition away from fossil fuels, halting biodiversity loss, and more.



[Global Report on Food Crises 2021](#)

(Global Network against Food Crises and Food Security Information Network, 5th edition, May 2021, 307p; 4p Overview)

The GNFC works to understand food crises, leverage strategic investments, and foster coordination across sectors. The report provides global and regional overviews of food crises (including a forecast for 2021) and 34 country-level overviews of major crises. (Sustainable Development Solutions Network, July 2021, 132p)

Brief sections comprising “a global roadmap for recovery,” on democratizing governance structures, transformative partnerships, COVID-19 lessons, tracking inequality at all levels, cities as vanguards for action, fair and long-term finance, reinventing capitalism, land restoration now, ocean solutions, speeding transition away from fossil fuels, halting biodiversity loss, and more.



[Renewable Power Generation Costs in 2020](#)

(International Renewable Energy Agency, June 2021, 180p)

Renewables are increasingly competitive; between 2010 and 2020, the cost of solar photovoltaics fell 85%, concentrating solar power 68%, onshore wind 56%, and offshore wind 48%. Costs and capacity factors are summarized for these four, as well as hydropower, geothermal, bioenergy, and solar thermal. Very low-cost renewables can form the backbone of a decarbonized electricity system supporting “a radically different” future of renewable hydrogen and modern biomass.



[Towards a Common, Peaceful and Safe Future: Nineteen Policy Recommendations for the Future of Great Power Arms Control and Strategic Stability](#)

(Korber Strategic Stability Initiative and Institute for Peace Research and Security Policy Hamburg, April 2021, 5p).

A working group of Chinese, European, Russian, and US experts propose a willingness to manage competition, re-learning Cold War lessons, improving crisis communication, maximizing decision-making time in an escalating crisis, clarifying risks of hypersonic weapons, norms for cyber-competition., etc.

[For a great overview check out the "Report on Global Reports 2020-2021: The Whale and the Minnows"](#)

Covers the quadrennial Global Trends Report of America's National Intelligence Council ("The Whale") and juxtaposes it with 25 other highly relevant but often underreported reports - many as long as the NIC report and just as important.

[More Reports](#)

Quick Looks

We are introducing our new features series: "A Quick Look at Leading Organizations." They will provide short, easy-to-digest articles that introduce an important topic and some of the leading organizations working in that field.



Cybersecurity

Provides a concise overview of the rising importance of cyber security and 10 organizations tackling this issue. This work gains relevance in the face of an ongoing shift in cybercrime towards targeting major corporations, governments, and critical infrastructure instead of individuals and small businesses.



Environmental Peacebuilding

Highlights 12 organizations that tackle the impacts of environmental degradation and its relationship with conflicts and peacebuilding.



The Arctic

Gives an overview of the most pressing issues related to the arctic. It showcases a carefully chosen list of 15 organizations, each working to solve and alleviate these problems through research, policy-making, raising awareness, and campaigning.



Plastic Pollution

Plastic pollution is a major problem on our planet. The article outlines why and highlights 9 organizations that try to tackle this wicked problem.

[Read more Articles](#)

New Organizations



Climatebase

(Rebranded 2021; Berkeley, CA; 5 staff; climatebase.org)

Formerly known as Climate Careers, this project now acts as "a platform for climate action, education, and impact." Their main focus remains to link those who want to use their careers to address climate change with jobs at climate-oriented



WaterBear Network

(2020; Amsterdam; 25 staff; waterbear.com)

A free interactive multimedia platform that allows you to watch documentaries and other award-winning content, interact with hundreds of nonprofits and take action instantly to



Environmental Investigative Forum

(2020; France; ~20 members, eiforum.org)

An NGO focused on collaborative investigative journalism that aims to connect experts, scientists, and reporters willing to work on projects together. They facilitate

organizations.
They also offer a vast
directory of relevant
organizations.

improve our future on
this planet.

environmental
reporting and aim to
build a repository of
tools and other
resources for
investigative
journalists.

More New Organizations

Upcoming Events

- [**Shanghai Cooperation Organization Summit, 16-17 Sept. 2021**](#) (Dushanbe, Tajikistan): Annual summit of the 8 member states representing nearly 50% of the human population - including China, India, and Russia.
- [**65th General Conference of the IAEA, 20-24 Sept 2021**](#) (Vienna): Meeting of the international Atomic Energy Agency.
- [**UN Food Systems Summit, Sept or Oct 2021**](#) (New York): To maximize co-benefits of a food systems approach; Pre-summit, 26-28 July, Rome.
- [**UN Biodiversity Conference, 11-24 Oct 2021**](#) (Kunming, China): Aims to adopt a global biodiversity plan.
- [**UN Climate Change Conference - COP26, 31 Oct-12 Nov 2021**](#) (Glasgow): The much-anticipated UN Climate Change Conference of Participants, where governments present their plans to reduce emissions in the next decade.
- [**Geneva Peace Week, 1-5 Nov 2021**](#): flagship initiative of the Geneva Peacebuilding Platform, with 30 online interactive sessions on "From Seeds to Systems of Peace: Weathering Today's Challenges".
- [**13th Halifax International Security Forum, 19-21 Nov, 2021**](#): More than 300 delegates from over 70 countries.
- [**Tenth NPT Review Conference 2020, 4-28 Jan 2022**](#) (New York): On nuclear risk reduction and the Nuclear Nonproliferation Treaty. Was rescheduled due to COVID-19.

Please suggest other important events at info@securesustain.org. Thanks!

If you haven't yet, sign up for the **newsletter** and
stay up-to-date on our content and resources
regarding
security & sustainability



Sign up now

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