

STOCKHOLM INTERNATIONAL PEACE RESEARCH INSTITUTE

ANNUAL REVIEW 2023

STOCKHOLM INTERNATIONAL PEACE RESEARCH INSTITUTE

SIPRI is an independent international institute dedicated to research into conflict, armaments, arms control and disarmament. Established in 1966, SIPRI provides data, analysis and recommendations, based on open sources, to policymakers, researchers, media and the interested public.

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WELCOME TO SIPRI'S ANNUAL REVIEW 2023

As we assess the global landscape of 2023, we are confronted with a reality that all too many of us find disheartening. The Russia–Ukraine war shows no signs of abating and the Israeli–Palestinian conflict has escalated to levels not seen since the Yom Kippur war, with risks of horizontal escalation to Lebanon and the Red Sea. These unfolding events paint a bleak picture.

Beyond these developments, the world grappled with a myriad of challenges, including over 50 armed conflicts in 2023. The conflict between Armenia and Azerbaijan reached a turning point after a major offensive launched by Azerbaijan gave it control over contested territories. The civil war in Sudan resulted in thousands killed and millions displaced by the fighting. Preoccupied with Ukraine, Gaza and the looming dangers in the China–United States confrontation over Taiwan, the international system proved unable to manage conflicts effectively.

Amid these crises, it is crucial not to overlook their ripple effects on pressing issues such as militarization, arms control and ecology. Military spending continued to soar in 2023, underscoring the urgent need for arms reduction. Arms control efforts appeared stagnant as the year began with another disappointing development when Russia declared it would suspend its participation in New START. A minor triumph was witnessed in July, however, when the USA completed the elimination of its remaining chemical weapons arsenal in compliance with the 1997 Chemical Weapons Convention. Simultaneously, global temperatures shattered previous records.

Yet as we reflect on the global landscape of 2023, there remain reasons for hope and optimism. International efforts to slow down climate change and address the broader ecological crisis have gained momentum. They provide a framework for collective action. Although translating words into action remains challenging, these agreements set a standard for accountability and advocacy. While the road ahead may be daunting, the resilience and determination of individuals, states and international institutes such as SIPRI to work towards peace and sustainability offer rays of hope for a brighter future.

For a more peaceful world,

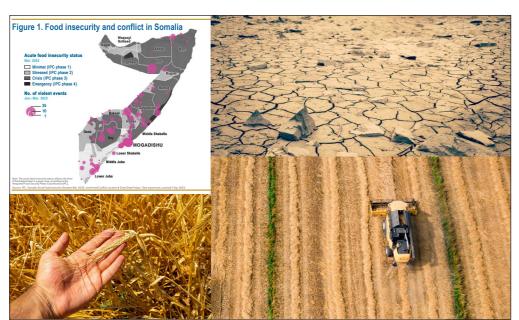
Dan Smith Director

JANUARY 2023

THE INTERSECTION OF FOOD, SECURITY AND CONFLICT

Ensuring food security is paramount for maintaining peace and stability. Global hunger is significantly influenced by violent conflicts, while increased food insecurity has the potential to fuel grievances, leading to heightened instability and violent discord. In 2023, the lingering repercussions of the Covid-19 pandemic, coupled with an escalating cost-of-living crisis, swiftly propelled a surge in food insecurity.

Given these circumstances, SIPRI's efforts at the crossroads of food, security and conflict are ever more critical. In January, the Institute produced two reports that address key aspects of food security. The first paper, Food Insecurity in Africa: Drivers and Solutions, focuses on countries in Africa, examines the factors influencing food security and provides corresponding recommendations. The second, Financing Food Security: Promises and Pitfalls of the Humanitarian–Development–Peace Nexus in South Sudan, focuses on South Sudan's severe food insecurity and explains the potential for donor governments and institutions to address it.



SIPRI's focus on the intersection of food, security and conflict is becoming more imperative.

17-18 January: SIPRI event

SIPRI hosts an expert workshop on risk at the intersection of biological science and technological developments.

25 January: SIPRI commentary

Dr Jiayi Zhou and Dr Ian Anthony write the topical backgrounder 'Environmental accountability, justice and reconstruction in the Russian war on Ukraine'.

26 January: SIPRI news

SIPRI joins a high-level meeting of the Stockholm Hub on Environment, Climate and Security.

30-31 January: SIPRI news

SIPRI launches its report *Environment of Peace*: Security in a New Era of Risk in Colombia and Brazil.

Selected publications in January

Financing Food Security: Promises and Pitfalls of the Humanitarian–Development–Peace Nexus in South Sudan

Dr Kristina Tschunkert, Dr Caroline Delgado, Dr Vongai Murugani and Marie Riquier

Food Insecurity in Africa: Drivers and Solutions
Dr Caroline Delgado, Dr Kristina Tschunkert
and Dan Smith

Using Taxation to Fund Military Spending Dr Nan Tian, Dr Diego Lopes da Silva and Xiao Liang

Verifying Nuclear Disarmament: Lessons Learned in South Africa, Iraq and Libya Robert E. Kelley



A SIPRI workshop on biorisk, 17-18 January.



Dr Caroline Delgado, Senior Researcher and Director of the SIPRI Food, Peace and Security Programme, presents research findings to the Stockholm Hub on Environment, Climate and Security, 26 January.



Dan Smith, SIPRI Director, presents the major SIPRI report *Environment of Peace: Security in a New Era of Risk* to officials in Colombia and Brazil, 30–31 January.



Frederic Daudon (left), SIPRI Senior Project Manager, and Dr Virginie Baudais (right), Senior Researcher and Director of the SIPRI Sahel and West Africa Programme, at the launch of the Research & Action for Peace Network, 2 February.



Stefan Löfven (left), Chair of the SIPRI Governing Board, attends the Munich Security Conference, 17–19 February.



Joakim Vaverka (right), SIPRI Deputy Director, and Dr Ian Anthony (second from the right), Director of the SIPRI European Security Programme, speak at a roundtable on the war in Ukraine, 22 February.

2 February: SIPRI commentary

Dr Jingdong Yuan writes the blog 'Japan's new military policies: Origins and implications'.

2 February: SIPRI commentary

Xiao Liang and Dr Nan Tian write the topical backgrounder 'The proposed hike in Japan's military expenditure'.

8 February: SIPRI commentary

 $Amal \ Bourhrous \ writes the blog \ `Climate \ change \ and \\ post-conflict \ reconstruction \ in the \ Nineveh \ Plains \\ of \ Iraq'.$

15 February: SIPRI news

SIPRI informs the Arms Trade Treaty Working Group on Effective Treaty Implementation about post-delivery cooperation.

15-17 February: SIPRI news

SIPRI joins the first summit on 'Responsible AI in the Military Domain' in The Hague.

22 February: SIPRI statement

Dan Smith gives the media statement 'Suspending the New START treaty benefits nobody'.

24 February: SIPRI commentary

Dr Caroline Delgado, Dr Kristina Tschunkert and Marie Riquier write the blog 'War in the breadbasket: One year in'.

Selected publications in February

Climate, Peace and Security Fact Sheet: Afghanistan (2023)

Dr Jiayi Zhou, Katongo Seyuba, Kheira Tarif and Asha Ali

Climate, Peace and Security in a Changing Geopolitical Context: Next Steps for the European Union

Dr Simone Bunse

The Involvement of Civil Society Organizations in Arctic Governance Emilie Broek, Nicholas Olczak and Lisa Dellmuth

FEBRUARY 2023

PEACEFUL SOLUTIONS TO CLIMATE RISKS

The anticipated effects of climate change are becoming more evident, with environmental and climate-related risks such as extreme weather events and water scarcity ranking among the world's top concerns. Recognizing the urgency, policymakers, researchers and the public increasingly acknowledge the importance of addressing these security risks through cooperation and dialogue. In 2023 SIPRI's research on climate change and risk continued to offer valuable insights into the evolving nature of climate-related security risks.

Over the course of the year, SIPRI continued its Climate, Peace and Security Fact Sheet series, in cooperation with the Norwegian Institute for International Affairs. The series generates reliable, relevant, timely and actionable analysis on climate-related risks facing specific countries on the United Nations Security Council's agenda. Within Sweden, SIPRI maintained an active role in the Stockholm Hub on Environment, Climate and Security.



Left: Icebergs in Greenland.

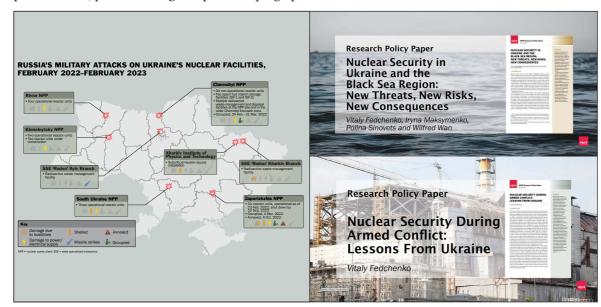
 $Right: Stills \ from \ a \ SIPRI \ film \ series \ on \ climate \ security, Sweden \ and \ NATO, 17 \ February.$

MARCH 2023

THE WAR IN UKRAINE

Russia escalated its war with Ukraine through a full-scale invasion in February 2022. Throughout 2023, SIPRI continued to present its assessments of the wider implications of the war.

In March, SIPRI published two reports that address nuclear security in Ukraine. The first paper reflects on the unprecedented Russian attacks on nuclear installations in Ukraine in 2022. It presents three areas where the nuclear security framework can be strengthened and prepared for extraordinary events, including armed conflict. Its partner paper discusses the changes needed in the national nuclear security regimes of Ukraine and the other states in the Black Sea region and how officials propose to address them. SIPRI also continued to produce assessments of Russian military spending, with two papers published in June and December respectively. Aside from these outputs, the Institute carried on monitoring the effects of the war on global food production, arms procurement, peacebuilding and peacekeeping operations.



A selection of SIPRI research outputs from a project on nuclear security in Ukraine, 16 March.

1 March: SIPRI commentary

Lorenzo Scarazzato and Madison Lipson write the blog 'Going private (equity): A new challenge to transparency in the arms industry'.

3 March: SIPRI commentary

Lauriane Héau, Dr Diego Lopes da Silva, Lorenzo Scarazzato, Timo Smit and Pieter D. Wezeman write the topical backgrounder 'Iraq since the invasion: 20 years in SIPRI data'.

10 March: SIPRI news

SIPRI releases new materials to mark the 20th anniversary of the invasion of Iraq.

13 March: SIPRI news

SIPRI launches new data on global arms transfers.

17 March: SIPRI commentary

Shivan Fazil and Dr Alaa Tartir write the topical backgrounder 'Iraq in 2023: Challenges and prospects for peace and human security'.

21 March: SIPRI commentary

Dr Farah Hegazi and Sandra C. Valencia write the blog 'Lessons on climate resilience and peacebuilding from Ethiopia and the Dry Corridor'.

29 March: SIPRI film

SIPRI launches a new film series on climate change and security in West Africa.

30 March: SIPRI film

SIPRI launches a new film series on biosecurity risks and emerging technology.

Selected publications in March

Climate Change and Security in West Africa: Regional Perspectives on Addressing Climate-related Security Risks

Kheira Tarif

Compliance with International Humanitarian Law in the Development and Use of Autonomous Weapon Systems: What does IHL Permit, Prohibit and Require?.

Laura Bruun, Dr Marta Bo and Netta Goussac



SIPRI co-hosts a closed roundtable focused on climate, peace and security in Afghanistan since 2021, 13 March.



SIPRI co-hosts a workshop on the climate-energy-health nexus in West Asia and the Arabian Peninsula, 14–15 March.



SIPRI hosts a visit from HE Nicolae Ciucă, Prime Minister of Romania, 31 March.



SIPRI and the UN Office for Disarmament Affairs launch a three-year joint initiative on responsible innovation in artificial intelligence for peace and security, 3 April.



SIPRI hosts an event on 'Thinking Security', in which Dan Smith, SIPRI Director, launches his new, enlarged security concept which suggests that state security, human security and ecological security are all closely interlinked, 19 April.

3 April: SIPRI news

SIPRI and the UN Office for Disarmament Affairs launch a joint initiative on responsible innovation in AI for peace and security.

19 April: SIPRI commentary

Emelie Poignant Khafagi and Dr Ahmed Morsy write the blog 'Yemen: Local grievances call for internationally supported local solutions'.

19 April: SIPRI event

SIPRI hosts an expert panel discussion on 'Thinking Security'.

23 April: SIPRI event

SIPRI co-organizes a side event at the UN Water Conference.

24 April: SIPRI news

SIPRI Yearbook 2022 summaries are launched in Farsi and Korean.

24 April: SIPRI news

New SIPRI data reveals that world military expenditure has reached a new record high as European spending surges.

25 April: SIPRI event

SIPRI hosts the online event 'Mismatch or On Track: Does Global Military Spending Align with National Security Priorities?'.

Selected publications in April

Climate, Peace and Security Fact Sheet: Iraq (2023) by Katongo Seyuba, Dr Dylan O'Driscoll, Kheira Tarif, Dr Kyungmee Kim and Asha Ali

Comparing Responses to Climate-related Security Risks Among the EU, NATO and the OSCE by Anniek Barnhoorn

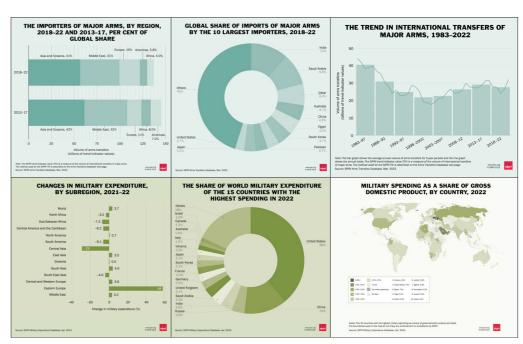
Five Urgent Questions on Ecological Security by Dan Smith and Rod Schoonover

APRIL 2023

ANALYSING GLOBAL ARMAMENT DYNAMICS

At the core of SIPRI's work, and indeed forming part of the Institute's mandate, are its internationally renowned databases. SIPRI releases five significant sets of data annually, accompanied by innovative analysis published in the SIPRI Yearbook and other publications. Each launch is covered by international media, with the coverage increasing every year. Once more, 2023 underscored the growing need for trustworthy information on military expenditure, major weapons transfers and the arms industry.

SIPRI's yearly arms transfers assessment, drawn from its Arms Transfers Database, pointed to a surge in arms imports to Europe and the United States increasing its dominance of the global arms trade. In April, new data derived from the SIPRI Military Expenditure Database revealed that total global military expenditure had increased by 3.7 per cent in real terms in 2022, reaching a new high of \$2240 billion, as Europe saw its steepest year-on-year increase in at least 30 years.



A selection of visualizations of SIPRI's new data on military spending and arms transfers, 2023.

MAY 2023

SEEKING SOLUTIONS FOR TURBULENT TIMES

In May each year, SIPRI organizes the Stockholm Forum on Peace and Development. This is a world-leading conference that enables exchange among global thought leaders, with the aim of influencing key policy and research agendas. Since 2014, the Stockholm Forum has provided a neutral platform for interdisciplinary exchange among members of international communities in the development, humanitarian, peacebuilding and security spheres. It is renowned for its roundtable discussions, which are developed in collaboration with partner organizations and invite active participation from stakeholders at all levels.

The theme for the 2023 edition of the Forum was 'Seeking Solutions for Turbulent Times' and it aimed to guide future peacebuilding and stabilization initiatives globally, including reconstruction endeavours in Ukraine. The event hosted some 300 participants from 56 countries and over 40 partner organizations.



The 2023 Stockholm Forum on Peace and Development, 15-17 May.

2-5 May: SIPRI event

SIPRI and the EU Non-proliferation and Disarmament Consortium co-host an online course on WMD non-proliferation and disarmament pathways.

5 May: SIPRI news

SIPRI discusses its on-going climate and security research in Brussels.

8 May: SIPRI event

SIPRI hosts a roundtable discussion on climate, peace and security.

15-17 May: SIPRI event

SIPRI hosts the 2023 Stockholm Forum on Peace and Development.

22 May: SIPRI event

SIPRI hosts the event 'Untangling the World's Crises: Where Do We Start?'.

29 May: SIPRI commentary

Dr Claudia Pfeifer Cruz publishes 'Multilateral peace operations in 2022: Developments and trends'.

29-31 May: SIPRI news

SIPRI participates in the 2023 Bratislava Forum.

Selected publications in May

Improving the Prospects for Peace in South Sudan: Spotlight on Stabilization Dr Caroline Delgado

SIPRI Map of Multilateral Peace Operations, 2023
Dr Claudia Pfeifer Cruz and Timo Smit

The World Food Programme's Contribution to Improving the Prospects for Peace in Sri Lanka Dr Simone Bunse and Dr Vongai Murugani

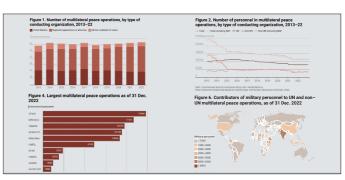
Three Steps to Including Conflict Considerations in the Design of Climate Change Adaptation Projects
Dr Karen Meijer, Emilie Broek, Nella Canales and Biljana Macura



SIPRI co-hosts an online course on WMD non-proliferation and disarmament pathways, with a focus on nuclear and aerospace engineering, 2–5 May.

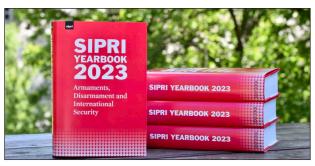


SIPRI Governing Board members are pannelists at the event 'Untangling the World's Crises: Where Do We Start?', 22 May.



A selection of visualizations of SIPRI's new data on multilateral peace operations, 29 May.

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SIPRI launches SIPRI Yearbook 2023, 12 June.



SIPRI is awarded a Luxembourg Peace Prize, which is accepted by Luc van de Goor, SIPRI Director of Studies, 14 June.



SIPRI hosts a visit from Her Royal Highness Crown Princess Victoria and a delegation from the EU's Political and Security Committee, 16 June.

2 June: SIPRI commentary

Anastasia Cucino and Lorenzo Scarazzato write the blog 'The impact of the war in Ukraine on Polish arms industrial policy'.

12 and 15 June: SIPRI news

SIPRI takes part in the 12th Consultative Meeting of the EU Non-Proliferation and Disarmament Consortium.

13-14 June: SIPRI event

SIPRI hosts an expert workshop on 'Cyber Incidents and Threat Perceptions: Views from China, Russia, Europe and the United States'.

14 June: SIPRI film

SIPRI launches a film and report on central Mali.

20 June: SIPRI commentary

Dr Adam Day and Dr Florian Krampe write the essay 'Beyond the UN Security Council: Can the UN General Assembly tackle the climate–security challenge?'.

27 June: SIPRI films

SIPRI launches a film on gold panning in the border regions of Mali.

Selected publications in June

Improving the Prospects for Peace in South Sudan: Spotlight on Measurement Marie Riquier

Russia's Military Expenditure During Its War Against Ukraine Professor Julian Cooper

The Role of Umbrella States in the Global Nuclear Order

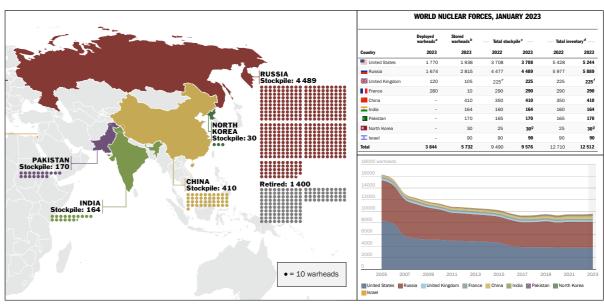
Dr Tytti Erästö

JUNE 2023

THE SIPRI YEARBOOK AND WORLD NUCLEAR FORCES

In June, SIPRI launched the 54th edition of its flagship annual publication. *SIPRI Yearbook 2023* covers developments in 2022—a turbulent year shaped by deep geopolitical divisions—and reveals the continuing deterioration of global security. The impacts of the war in Ukraine are visible in almost every aspect of the issues connected to armaments, disarmament and international security examined in the Yearbook. Nevertheless, it was far from being the only major conflict waged in 2022, and acute geopolitical tensions, mistrust and division had been growing long before Russia's full-scale invasion of Ukraine.

June also saw the launch of SIPRI's annual evaluation of world nuclear forces. This data set covers the world's nine nuclear-armed states and provides an estimate of the total global inventory of nuclear weapons. The overall assessment was that the number of operational nuclear weapons has started to rise as countries' long-term force modernization and expansion plans have progressed.



A selection of data visualizations of world nuclear forces.

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JULY 2023

COMMUNICATIONS AND MEDIA ENGAGEMENT

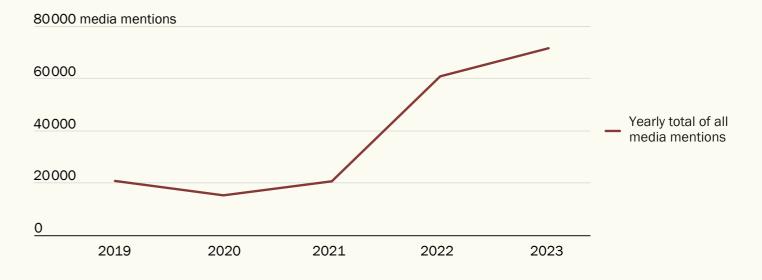
SIPRI's work remained highly sought-after in 2023, providing valuable insights for policymakers, journalists, experts and the general public. SIPRI's Communications and Editorial team disseminated research findings to a global audience through a diverse range of channels, including publications, films, newsletters and in-person seminars. The Institute maintained a large online presence through its website and social media channels, which boast over 154 000 followers and friends. These serve as vital and engaging platforms for public communication.

SIPRI's research plays a crucial role in advancing the public debate, awareness and discussion surrounding all aspects of international security. The public's interest is evident and increasing. In 2023 alone, media outlets in over 140 countries featured various aspects of SIPRI's work. These included major media outlets such as Reuters, *The Guardian*, Associated Press and AFP. Throughout the year, the Institute's research was covered in over 70 000 stories from global media outlets, compared to 59 000 in 2022.

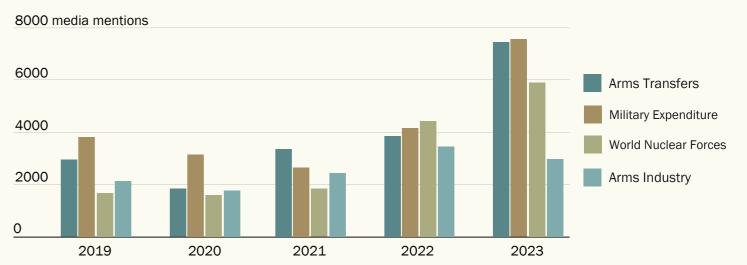


SIPRI's Communications team uses in-person, online and digital platforms to communicate with its global audience.

MEDIA MENTIONS OF SIPRI WORK



MEDIA MENTIONS OF SIPRI DATA LAUNCHES





SIPRI hosts Ambassador Mike Hammer, US Special Envoy for the Horn of Africa, 23 August.



SIPRI and its partner, the Alva Myrdal Centre, host the Armament and Disarmament Summer School, 21–25 August.

1 August: SIPRI news

SIPRI and its local partner, the Al-Tahreer Association for Development, organize community dialogues in Iraq.

21 August: SIPRI news

SIPRI leads a new joint research initiative on North Africa.

28 August: SIPRI news

SIPRI launches the Chinese translation of SIPRI Yearbook 2022.

29 August: SIPRI event

SIPRI hosts Rafael Grossi, Director General of the International Atomic Energy Agency, for a roundtable discussion and international press conference.

29 August: SIPRI commentary

Dan Mahanty writes the blog 'Five ways to protect civilians in contemporary armed conflict'.

29-30 August: SIPRI event

SIPRI hosts a workshop on NATO nuclear deterrence.

Selected publications in August

Integrating Gender Perspectives into International Humanitarian Law Nivedita Raju and Laura Bruun

Mapping Pathways for Peace through the Composition of Official Development Assistance
Dr Jannie Lilja and Dr Gary Milante

AUGUST 2023

CONFLICT AND SECURITY IN WEST AFRICA AND THE SAHEL

The SIPRI Sahel and West Africa Programme examines critical concerns related to conflict, security, governance and conflict prevention in the region. Through its research, the programme aims to enhance understanding of local perspectives, as well as the needs and priorities of the regional populations, providing valuable insights for policymakers and practitioners.

SIPRI continued this important area of work throughout 2023. In June, the programme launched three reports on humanitarian protection in the Liptako-Gourma region, which is the new epicentre of the Sahara-Sahel crisis that broke out in 2012. In July, SIPRI and Save the Children Sweden organized an event entitled 'Climate Change, Food Insecurity and Conflict in South Sudan', which sought to bridge the gap between research and practice by exploring the relationship between climate change, food security and conflict in South Sudan. Later in the year, SIPRI briefed the United States Special Envoy for the Horn of Africa in a closed roundtable and played an active role in Africa Climate Week.



Left: Dr Caroline Delgado, Senior Researcher and Director of the SIPRI Food, Peace and Security Programme, speaks at an event on 'Climate Change, Food Insecurity and Conflict in South Sudan', 29 August.

Right: Stills from the SIPRI Spotlight film series on climate-related security risks in West Africa, 29 March.

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SEPTEMBER 2023

ADDRESSING THE RISKS OF WEAPONS OF MASS DESTRUCTION

Since SIPRI's foundation in 1966, issues relating to nuclear, chemical and biological weapons have been central pillars of its work. Today, policymakers and global leaders are especially concerned about the risk of nuclear use because, despite all efforts, the number of operational nuclear weapons is on the rise. Against this backdrop, in 2023 the SIPRI Weapons of Mass Destruction (WMD) Programme maintained its reputation as a central point for discussions relating to WMD non-proliferation, arms control, risk reduction and disarmament.

For example, SIPRI hosted Rafael Grossi, Director General of the International Atomic Energy Agency (IAEA), for a roundtable discussion and international press conference on nuclear security issues. The meeting was part of the IAEA's official visit to Sweden, which also marked Grossi's first visit as Director General. In September, SIPRI hosted a two-day workshop focusing on reducing the role of nuclear weapons in the North Atlantic Treaty Organization's (NATO) deterrence strategy. The Institute has also looked extensively at the linkages between WMD and other technological domains, and SIPRI convened several events on this topic during 2023; it also published a paper on the role of space systems in nuclear deterrence.



Left: A visualization of space orbit systems.

Top right: SIPRI hosts Rafael Grossi, Director General of the International Atomic Energy Agency, for a roundtable discussion and international press conference, 29 August.

Bottom right: Stephanie Blenckner, SIPRI Communications Director, interviews Hans Kristensen, Associate Senior Fellow with the SIPRI Weapons of Mass Destruction Programme and Director of the Nuclear Information Project at the Federation of American Scientists. 11 October.

6 September: SIPRI news

SIPRI contributes to the Lancet Commission on peaceful societies.

13 September: SIPRI commentary

Dr Mathew George and Pieter D. Wezeman write the topical backgrounder 'Tensions on the Belarus border: A look at military spending and arms import patterns'.

13-14 September: SIPRI news

SIPRI and the UN Office for Disarmament Affairs hold dialogues on 'Responsible AI for Peace'.

20 September: SIPRI news

The Ukrainian translation of SIPRI Yearbook 2022 is launched.

20 September: SIPRI commentary

Mirella Bilalagic and Dr Simone Bunse write the topical backgrounder 'Food security programming: Strengthening preparedness, responses and prevention'.

27 September: SIPRI news

SIPRI Yearbook summaries become available in Catalan, Dutch, French, Italian, Spanish and Swedish.

29 September: SIPRI event

SIPRI hosts a hybrid workshop to examine how the EU and Japan approach 'de-risking'.

Selected publications in September

Cyber Crossover and Its Escalatory Risks for Europe Dr Lora Saalman, Fei Su and Larisa Saveleva Dovgal

The Arctic is Hot: Addressing the Social and Environmental Implications Emilie Broek

The Role of Space Systems in Nuclear Deterrence Nivedita Raju and Dr Tytti Erästö



SIPRI's work on climate-related security risks in West Africa is presented and discussed at a high-level conference in Abuja, Nigeria, 13 September.



SIPRI and its local partner in Iraq facilitate the first round in a series of issue-based community dialogues in Nineveh Province, Iraq, September.



Dr Kyungmee Kim, SIPRI Researcher, speaks on a panel during Africa Climate Week, 19 September.



SIPRI co-organizes a session at the Africa Resilience Forum, 4 October.



Dr Wilfred Wan, Director of the SIPRI WMD Programme, and Dr Lora Saalman, SIPRI Senior Researcher, co-organize a side event at the 78th session of the First Committee of the UN General Assembly, 20 October.

4 October: SIPRI event

SIPRI co-organizes a session at the Africa Resilience Forum.

6 October: SIPRI news

SIPRI releases a statement on the 2023 Nobel Peace Prize.

10 October: SIPRI commentary

Nivedita Raju and Dr Wilfred Wan write the essay 'Towards an agenda for gender perspectives in space security'.

12 October: SIPRI commentary

Dr Farah Hegazi writes the blog 'Training on climate security is crucial for the future of peace operations'.

19 October: SIPRI commentary

Alain Leroy and Emilie Chazelle write the blog 'Why peace and localization are key to transforming food systems'.

Selected publications in October

Women in Multilateral Peace Operations 2023: What is the State of Play?.
Dr Claudia Pfeifer Cruz

OCTOBER 2023

PEACEKEEPING AND CONFLICT MANAGEMENT

The SIPRI Peace Operations and Conflict Management Programme provides comprehensive study and analysis of global peacekeeping efforts. The war in Ukraine has underlined the need to rethink and refocus the European Union's (EU) ability to act. Indeed, the EU needs to be able to deploy and sustain crisis management missions—both military and civilian—if it wants to be a credible security provider. This thematic focus shaped segments of SIPRI's work on peace operations in 2023.

In February, SIPRI and the German Center for International Peace Operations hosted a session at the Munich Security Conference. SIPRI also launched a report entitled 'New Compact, Renewed Impetus: Enhancing the EU's Ability to Act Through its Civilian CSDP'. In October, SIPRI published its yearly update on women's participation in multilateral peace operations. This study includes data and trends regarding women's representation in leadership roles, overall personnel and member states' contributions.



Upper left: UN peacekeepers.

Lower left: Data visualizations from SIPRI's annual update of women in multilateral peace operations, 23 October. Top and bottom right: SIPRI co-organizes an official side event on peacekeeping operations at the 2023 Munich Security Conference, 19 February.

NOVEMBER 2023

ARTIFICIAL INTELLIGENCE AND CYBERSECURITY

Artificial intelligence (AI) impacts international peace and security, much in the same way as it impacts people's day-to-day lives, by providing both wideranging and potentially significant opportunities and challenges. SIPRI's work on AI aims to contribute to a better understanding of what these opportunities and risks are, and how the AI community, states and international organizations may act on them. Building on this work, in 2023 SIPRI embarked on a major United Nations initiative to promote responsible innovation in AI for peace and security. The initiative will be run jointly with the UN Office for Disarmament Affairs and be funded by the EU.

SIPRI's work on cybersecurity is an ever-growing research theme within the Institute. In November, SIPRI published a mapping study of cyber-related missile and satellite incidents. During 2023, it also held an expert workshop on cyber incidents and threat perceptions and published two EU-focused reports.



 $Top \ left: SIPRI \ and \ the \ UN \ Office \ for \ Disarmament \ Affairs \ organize \ a \ two-day \ capacity-building \ workshop \ on \ `Responsible \ AI \ for \ Peace \ and \ Security', 16-17 \ November.$

Bottom left: Laura Bruun, SIPRI Researcher, speaks at an international conference on autonomous weapons, 23–24 February. Right: Dr Vincent Boulanin (left), Director of the SIPRI Governance of Artificial Intelligence Programme, speaks at a session at the Summit on Responsible Artificial Intelligence in the Military Domain, 15–16 February.

1 November: SIPRI commentary

Alexandra Kuimova, Paul Holtom and Dr Nan Tian write the blog 'Is it time to reassess national security spending?'.

30 October-3 November: SIPRI news

SIPRI participates in two workshops during Geneva Peace Week.

16 November: SIPRI commentary

Marie Riquier and Henrique Garbino write the blog 'War in the breadbasket: Landmines and food security in Ukraine'.

16 November: SIPRI news

The Ukrainian edition of *SIPRI Yearbook 2022* is launched at a virtual event.

27 November: SIPRI event

SIPRI co-hosts a Treaty on the Prohibition of Nuclear Weapons side event on teaching nuclear disarmament.

28 November: SIPRI commentary

Dr Jiayi Zhou and Zha Daojiong write the essay 'Climate finance and geopolitics: The China–US factor'.

Selected publications in November

Climate, Peace and Security Fact Sheet: Democratic Republic of the Congo (2023)

Dr Thor Olav Iversen, Ingvild Brodtkorb, Katongo Seyuba, Anne Funnemark, Kheira Tarif, Asha Ali, Dr Kyungmee Kim and Dr Minoo Koefoed

Environmental Politics in Gulf Cooperation Council States: Strengthening the Role of Civil Society Amal Bourhrous and Emelie Poignant Khafagi

Mapping Cyber-related Missile and Satellite Incidents and Confidence-building Measures Dr Lora Saalman, Larisa Saveleva Dovgal and Fei Su



SIPRI hosts the event 'Geopolitics: A Changing World Order? Views from Africa, Asia, Europe and the USA', 13 November.



SIPRI launches a report on the EU Civilian CSDP Compact in Brussels, 15 November.



A SIPRI-led intensive course for engineering students on the proliferation of nuclear weapons, 28–30 November.



Giovanna Maletta (left), SIPRI Researcher; and Dr Sibylle Bauer (right), Director of Studies, present at the EU Non-Proliferation and Disarmament Conference in Brussels, 4–5 December.



SIPRI's Environment of Peace initiative is awarded third place in the 2023 Geneva Centre for Security Policy Prize for Innovation in Global Security, 5 December.



SIPRI and its partners convene a two-day regional conference in Accra, Ghana, 5–6 December.

1 December: SIPRI commentary

Kolja Brockmann and Dr Markus Schiller write the topical backgrounder 'Small and micro launchers in the NewSpace era: New missile proliferation risks or more of the same?'.

4 December: SIPRI news

SIPRI launches new data on the top 100 arms producers and military service providers.

4 December: SIPRI news

SIPRI's firearms expertise features at an international conference.

4-5 December: SIPRI event

SIPRI organizes a workshop on 'MENASIA: Geopolitics, Energy and Security'.

5 December: SIPRI commentary

Dr Tytti Erästö writes the essay 'More investment in nuclear deterrence will not make Europe safer'.

15 December: SIPRI news

Summaries of the SIPRI Yearbook are available in Russian and Ukrainian for the first time.

Selected publications in December

The SIPRI Top 100 Arms-producing and Military
Services Companies, 2022
Xiao Liang, Lorenzo Scarazzato, Dr Lucie BéraudSudreau, Dr Nan Tian, Dr Diego Lopes da Silva,
Yeoun Choi and Eero Kristjan Sild

Artificial Intelligence for Climate Security: Possibilities and Challenges Dr Kyungmee Kim and Dr Vincent Boulanin

Another Budget for a Country at War: Military Expenditure in Russia's Federal Budget for 2024 and Beyond Professor Julian Cooper

Advancing the Role of the European Union in Promoting Global Cyber Stability Fei Su, Larisa Saveleva Dovgal and Dr Lora Saalman

DECEMBER 2023

GEOPOLITICS—THE MIDDLE EAST, NORTH AFRICA AND ASIA

SIPRI actively engages in two pivotal regional security programmes, shedding light on complex issues and fostering understanding in key regions of the world. The SIPRI Middle East and North Africa (MENA) Programme conducts indepth analyses of conflict drivers in the MENA region. In 2023, it conducted issue-based community dialogues in Iraq's Nineveh Province, in partnership with the Al-Tahreer Association for Development. The dialogues brought together community members and focused on issues of common concern.

Simultaneously, the SIPRI China and Asia Security Programme provides timely, independent analysis rooted in primary research and dialogue activities in another region of the world. The Programme explores China's global footprint, its role in great power dynamics, its evolving ties with the European Union and its increasing engagement in the Global South.

At the end of the year, SIPRI connected these two regions through a workshop on 'MENASIA: Geopolitics, Energy and Security'. The workshop was held inhouse at the Institute in partnership with the Doha-based Middle East Council on Global Affairs and convened 20 experts from Asia, Europe and MENA.

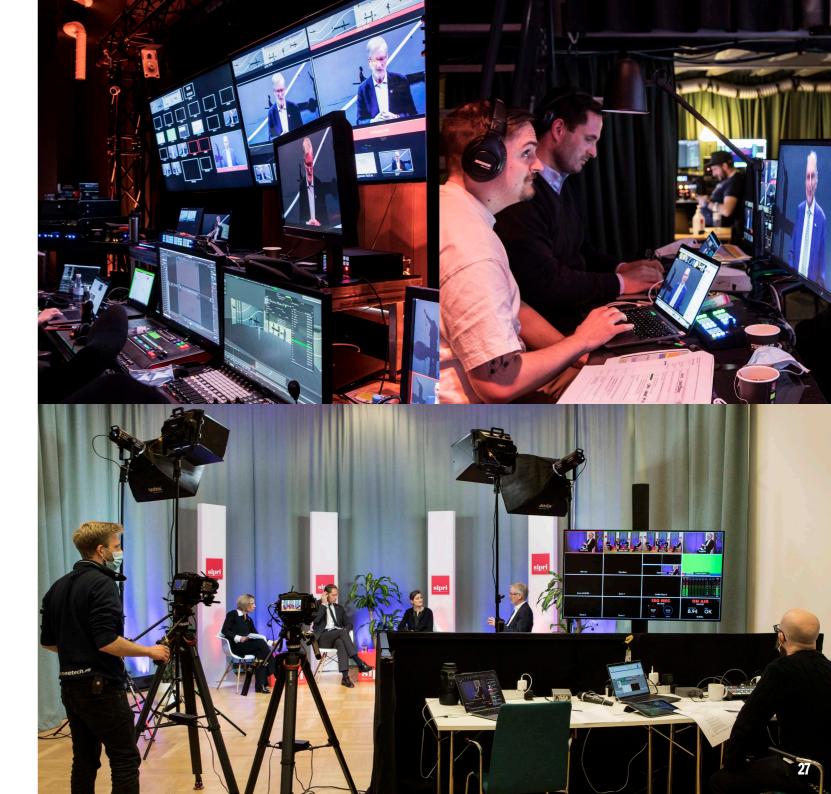


 $Top \ left: SIPRI \ workshop \ on \ `MENASIA: Geopolitics, Energy \ and Security', 4-5 \ December.$ Bottom left: SIPRI workshop on `Geopolitics Meets the Local: Diverse Perspectives and Intertwined Research Agendas', 13-14 December.

Right: The maiden voyage of the CSCL Globe container ship.



- SIPRI received record coverage in the global media, featuring in over 70 000 news articles (compared to 59 000 in 2022).
- SIPRI's work was covered by media outlets in 140 countries, with the strongest coverage in North America (19 800 mentions), Western Europe (17 010), Eastern Europe (9200), the Middle East (5300) and India (2900).
- Summaries of *SIPRI Yearbook 2023* were issued in 13 languages, including Arabic, Chinese, Japanese, Korean, Russian and Ukrainian.
- SIPRI issued 79 targeted mailings to its over 48 000 global subscribers.
- On the SIPRI website, 75 news items and 9 press releases were published, alongside 31 online commentaries.
- At the end of 2023, SIPRI had more than 154 000 followers and friends on social media platforms.
- The SIPRI website generated over 3 600 000 website page views and 1 415 427 website visits.
- SIPRI's YouTube channel generated over 138 days of SIPRI watched time, with over 51 000 separate views.



FINANCES

SIPRI's annual accounts are prepared in accordance with the Annual Accounts Act. All figures are in SEK.

	2023	2022
Income		
Parliamentary core grant	28 402 000	28 402 000
Funding from external projects	83 453 004	83 004 236
Royalties	33 760	323 255
Other	1 044 418	52 599
Total	112 933 182	111 782 090
Expenditure		
Project expenditure from grants	-34 781 011	-34 503 699
Administrative expenditure	-10 399 736	-9 612 750
Staff costs	-70 318 898	-68 323 518
Depreciation	-102 572	-107 455
	-118 602 217	-112 547 422
Result	-5 669 035	-765 332
Financial income		
Financial net amount	1 023 258	2 384 808
Change in capital this year	-4 645 777	1 619 476

Find out more about SIPRI on social media:





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SIPRI's annual staff photo taken on the occasion of the meeting of the Governing Board, 13 November.

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Photo of China shipping provided by Wikimedia Commons, p. 25.

