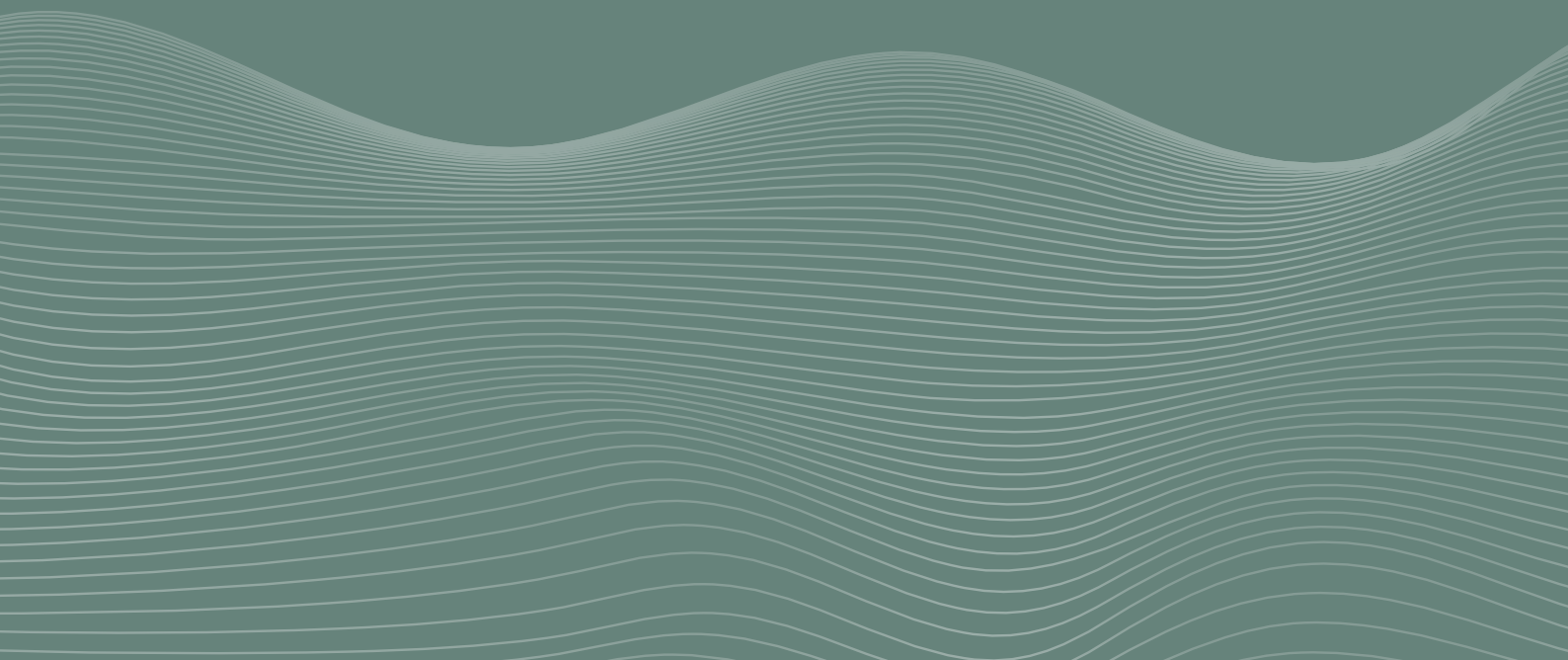




**STOCKHOLM INTERNATIONAL
PEACE RESEARCH INSTITUTE**

ANNUAL REVIEW 2020



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 2020 ANNUAL REVIEW

The year 2020 will always stand out for at least two things: the Covid-19 pandemic and the United States presidential election.

The pandemic is a human tragedy on a massive scale, with the deaths of nearly 2 million people in 2020 casting a long shadow. It has shown the depths of inequalities both within and between countries and shown that the majority of societies are deficient in resilience. The international response has been hampered by geopolitical rivalries and mutual distrust, which is why the election of Joe Biden has a significance stretching far beyond the USA. Not just because the country remains an economic and military superpower, but because its new leadership appears committed to rebuilding the architecture of cooperation.

The appetite for international cooperation still exists. There is now every opportunity to learn from what has happened with the pandemic, the crumbling of arms control and the general souring of international politics in recent years. And by learning well, to do better—with policies and actions that are more timely, more cooperative and more effective. SIPRI's role in all this is to identify and understand both the evolving risks to security and the opportunities to build and sustain peace, through impartial and high-quality analysis.

This review presents glimpses of our work, including the exploration of autonomy in weapon systems; assessment of the impact of climate change on peace operations; investigation of people's perceptions of governance, development and security in the Sahel and West Africa; and the establishment of SIPRI's new Middle East and North Africa programme. Increasingly, SIPRI works in partnership with organizations on the front lines of addressing insecurity—the World Food Programme, the United Nations High Commissioner for Refugees and the International Committee of the Red Cross, among others. This work is our contribution towards the goal of ever more effective international cooperation.

For a more peaceful world,

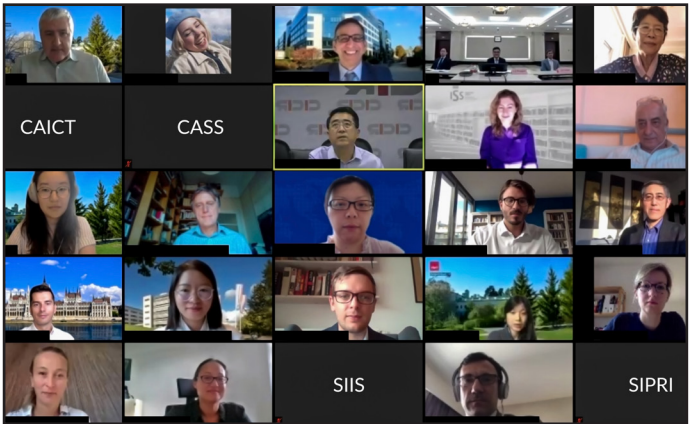
Dan Smith
Director

JANUARY 2020

CHINA ON THE INTERNATIONAL STAGE

In early 2020, the SIPRI Arms Industry Database released data on China’s arms industry for the first time, estimating it to be the second-largest arms producer in the world. With the help of new methodology, this research represents the most comprehensive picture of Chinese companies’ weapons production to date, improving overall understanding of the structure, size and evolution of the global arms industry.

The relationship between China and the European Union (EU) has been in particular focus during the year, resulting in a number of reports and workshops. Promoting dialogue and cooperation for EU–China connectivity was the topic of one workshop, while a virtual dialogue discussed the financing of green development. An interview series featured key researchers and policymakers from China and the EU, adding to the discussion of the dynamic relationship between the EU and China, and highlighting the challenges and opportunities for better cooperation.



Participants at the SIPRI–China Institute of International Studies (CIIS) webinar series on EU–China relations and connectivity, 2–3 September.



Participants at the virtual dialogue on ‘Towards harmonized approaches to financing green development’, 12 November.

JANUARY 9: SIPRI commentary

Dr Dylan O’Driscoll writes the blog ‘Tensions on Iraqi soil likely to overshadow anti-government protest demands’.

JANUARY 21: SIPRI commentary

Dr Tytti Erästö and Dr Tarja Cronberg write the blog ‘Will Europe’s latest move lead to the demise of the Iran nuclear deal?’.

JANUARY 24: SIPRI publication

Dr Malin Mobjörk and Dr Veronica Brodén Gyberg publish the paper *Framing and Responding to Climate-related Security Risks in Swedish Development Cooperation*.

JANUARY 27: SIPRI publication

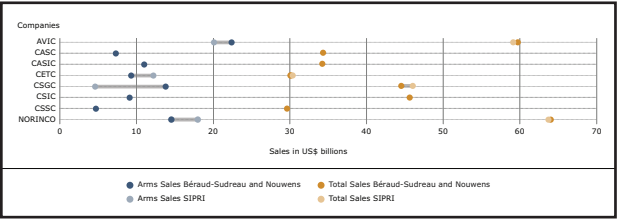
Dr Nan Tian and Fei Su publish the paper *Estimating the Arms Sales of Chinese Companies*.

JANUARY 28: SIPRI event

SIPRI and the International Committee of the Red Cross co-host an event on ‘Humanitarian challenges in the current global landscape—what’s next for the 2020s?’.



From the left: Sigrún Rawet (SIPRI), Ambassador Jan Eliasson (SIPRI), Sofia Calltorp (ICRC) and Yves Daccord (ICRC) at ‘Humanitarian challenges in the current global landscape—what’s next for the 2020s?’, 28 January.



Visual representation of the sales of Chinese arms-producing and military services companies across different methodologies, 2017.



Participants of the consultation on the 2020 review of the United Nations Peacebuilding Architecture, 20–21 February.



From the left: Dr Florian Krampe, Dan Smith, SIPRI Director, and Karolina Eklöw at the United Nations Security Council in New York, 24 February.



Ann Linde, Swedish Minister for Foreign Affairs, visits SIPRI, 10 February.

FEBRUARY 7: SIPRI film

SIPRI releases the film series ‘Understanding regional perceptions of security in the Sahel’, which features insights from citizens, national actors and practitioners in the region.

FEBRUARY 14: SIPRI commentary

Rickard Söder writes the blog ‘NATO in a climate of change’.

FEBRUARY 18: SIPRI event

Together with partners, SIPRI organizes a meeting of the Horn of Africa Climate Security Working Group in Addis Ababa, Ethiopia.

FEBRUARY 20: SIPRI event

SIPRI hosts a roundtable discussion on the theme ‘Artificial intelligence and strategic stability’ at the 2020 Munich Security Conference.

FEBRUARY 20–21: SIPRI event

Together with the Swedish Ministry for Foreign Affairs, SIPRI hosts a consultation on the 2020 review of the United Nations Peacebuilding Architecture.

FEBRUARY 24: SIPRI news

Dan Smith briefs the United Nations Security Council on climate-related security risks in Somalia.

FEBRUARY 24: SIPRI event

SIPRI and the Embassy of Sweden in Seoul, South Korea jointly hold an event to launch the report *The Impact of Artificial Intelligence on Strategic Stability and Nuclear Risk, Volume II, East Asian Perspectives*.

FEBRUARY 27: SIPRI publication

Dr Ian Anthony, Jiayi Zhou and Fei Su publish the paper *EU Security Perspectives in an Era of Connectivity: Implications for Relations with China*.

FEBRUARY 2020

IDENTIFYING LOCAL PRIORITIES IN THE SAHEL

Local and micro-local conflicts are interacting and being compounded in the Sahel region, creating a complex situation of instability. SIPRI’s research in central Mali aims to achieve a better understanding of local priorities by focusing on the needs of the population with respect to both physical and human security, access to basic services, infrastructure, education and healthcare, among other things. The research offers analysis and policy suggestions for the region.

Together with its Malian research partner Point Sud, SIPRI is running the ‘Central Mali Project for Security and Development’, which is a three-year, EU-funded project. It monitors governance, security and socio-economic development indicators in the Mopti and Ségou regions, through a bottom-up approach that directly identifies the populations’ expectations and needs. Expanding on this theme, several films and film series were produced during the year, capturing key reactions from Malian, regional and international actors in the Sahel to the research findings.



Still shot from the SIPRI Reflection film ‘Understanding regional perceptions of security in the Sahel’.

Pedestrians walking in Bamako, Mali.

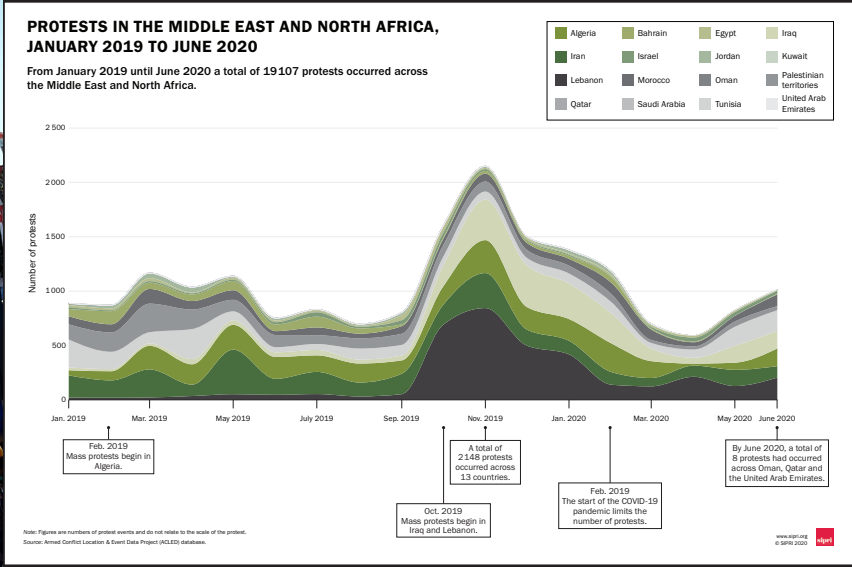
MARCH 2020

PATHWAYS TO PEACE IN THE MIDDLE EAST AND NORTH AFRICA

The year 2020 saw the launch of a regional research programme focusing on the Middle East and North Africa (MENA). SIPRI's work in MENA spans the region and involves several cross-cutting themes, including dialogue, peacekeeping, peacebuilding, military expenditure and security. The programme aims to provide in-depth analysis of the political, social, economic and environmental drivers of conflict. SIPRI's analysis covers regional, country and local levels, with interventions at the local level long identified as providing a better chance of success. Derived from this local understanding, recommendations are made on how to build pathways to peace in the region, with the purpose of informing those involved in or planning interventions.



The facade of the 'Turkish Restaurant' during the Iraqi protests, 2019.



Visual representation of protests in the Middle East and North Africa, January 2019 to June 2020.

MARCH 6: SIPRI news

SIPRI hosts Her Royal Highness Crown Princess Victoria for a discussion on climate-related security risks and food security.

MARCH 9: SIPRI publication

Pieter D. Wezeman, Dr Aude Fleurant, Alexandra Kuimova, Dr Diego Lopes da Silva, Dr Nan Tian and Siemon T. Wezeman release the fact sheet *Trends in International Arms Transfers, 2019*.

MARCH 17: SIPRI publication

Dr Florian Krampe, Luc van de Goor, Anniek Barnhoorn and Dan Smith publish the policy paper *Water Security and Governance in the Horn of Africa*.

MARCH 25: SIPRI news

The Global Registry of Violent Deaths (GrVD) consortium, with SIPRI as co-convenor, launches its website and an introductory film.

MARCH 26: SIPRI film

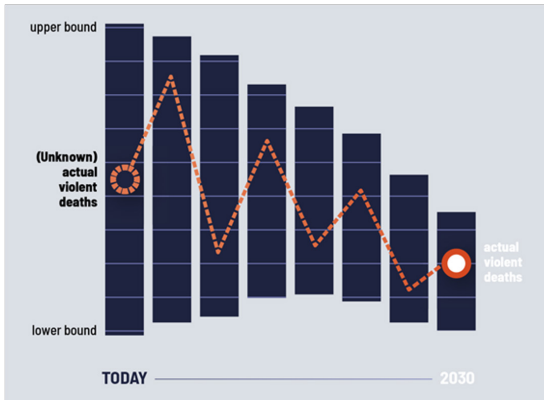
SIPRI releases the Peace Points film 'COVID-19, conflict and the future'.

MARCH 30: SIPRI commentary

Dr Caroline Delgado writes the blog 'Why it is important to register violent deaths'.

MARCH 31: SIPRI publication

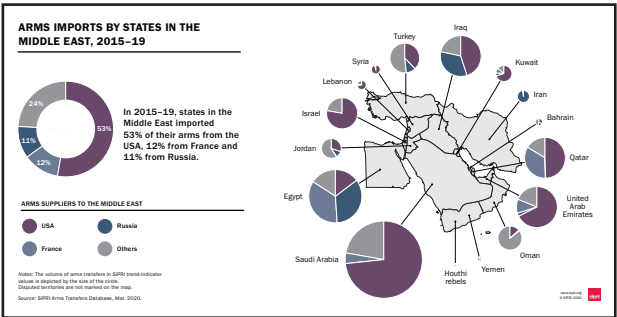
Dr Mamadou Bodian, Aurélien Tobie and Myriam Marenging publish a paper on *The Challenges of Governance, Development and Security in the Central Regions of Mali*.



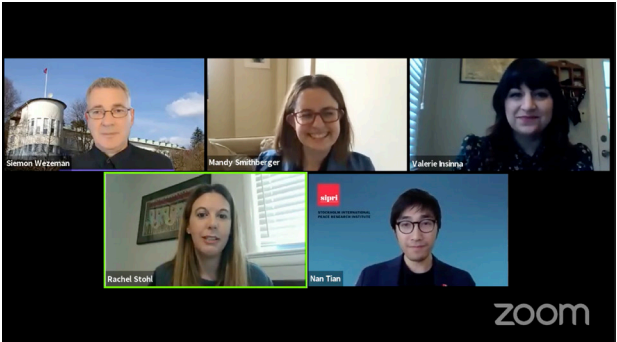
Visual representation of the upper and lower bound of global violent death estimates.



SIPRI staff and HRH Crown Princess Victoria, 6 March.



Visual representation of arms imports by states in the Middle East, 2015–19.



Partnering with the Stimson Center, SIPRI hosts a webinar on ‘Trends in global arms transfers and military spending’. SIPRI’s Siemon Wezeman and Dr Nan Tian participate.



Ekaterina Klimenko writes the essay ‘Russia’s new Arctic policy document signals continuity rather than change’, 6 April.

APRIL 1: SIPRI publication
Jason Mosely publishes the paper *Ethiopia’s Transition: Implications for the Horn of Africa and Red Sea Region*.

APRIL 2: SIPRI commentary
Vane Moraa Aminga writes the blog ‘Renewable energy as an opportunity for peace?’.

APRIL 7: SIPRI commentary
Dr Grégory Chauzal writes the blog ‘From the Malian crisis to the Sahel breakdown: An overview of SIPRI’s work in the G5 Sahel region’.

APRIL 20: SIPRI commentary
Dr Virginie Baudais writes the blog ‘The high cost of insecurity: The case of Hodh el Gharbi in Mauritania’.

APRIL 22: SIPRI publication
Dr Petr Topychkanov et al. launch the report *The Impact of Artificial Intelligence on Strategic Stability and Nuclear Risk, Volume III, South Asian Perspectives*.

APRIL 22: SIPRI news
Dan Smith gives an expert briefing to the UN Security Council Arria-Formula Meeting on Climate Change and Risks.

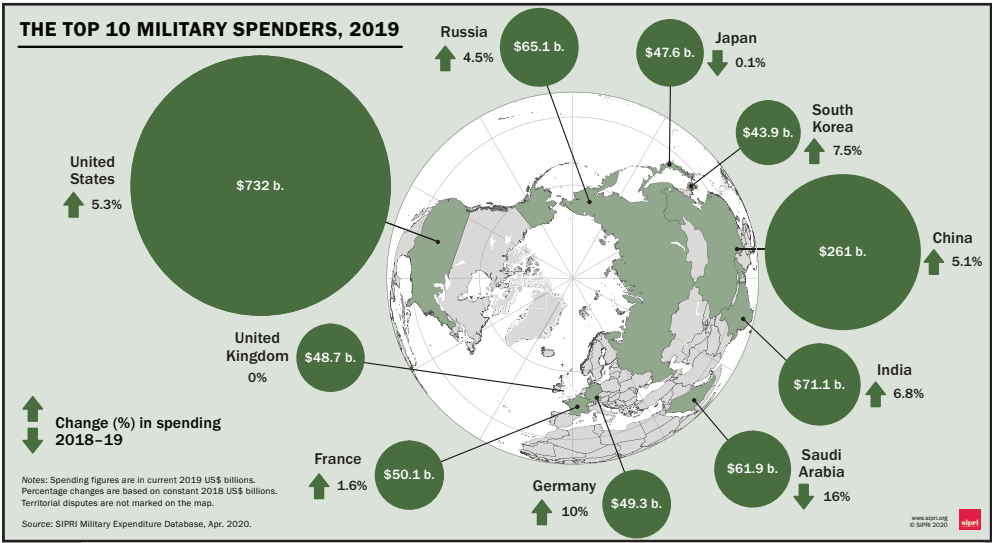
APRIL 27: SIPRI publication
Dr Nan Tian, Alexandra Kuimova, Dr Diego Lopes da Silva, Pieter D. Wezeman and Siemon T. Wezeman release the fact sheet *Trends in World Military Expenditure, 2019*.

APRIL 27: SIPRI commentary
Siemon T. Wezeman writes the topical backgrounder ‘Russia’s military spending: Frequently asked questions’.

APRIL 2020

TRACKING ARMS FLOWS AND MILITARY SPENDING

SIPRI’s research on arms and military spending has been at the core of the Institute’s work since its foundation in 1966. SIPRI’s tracking of trends in military spending, transfers of major weapons and the development of the arms industry is used globally by researchers, policymakers and the general public. The open access databases exemplify SIPRI’s core values of transparency and universality, as they only use open sources that can be independently checked and include data on most countries of the world. The 2020 data set on military expenditure alone made impressions in 3210 media outlets worldwide during its launch week—demonstrating the global impact of SIPRI’s research. The Institute has five major annual data launches, which are individually released and thoroughly analysed in the SIPRI Yearbook: international arms transfers, military expenditure, world nuclear forces, multilateral peace operations, and developments in the arms industry.



Visual representation of the top 10 military spenders in 2019.

MAY 2020

STOCKHOLM FORUM ON PEACE AND DEVELOPMENT:

The outbreak of the Covid-19 pandemic affected the peace and development community globally. In response to this, the seventh annual Stockholm Forum on Peace and Development was held in a virtual format on the theme ‘Sustaining Peace in the Time of COVID-19’. Co-hosted by the Swedish Ministry for Foreign Affairs on 11–22 May, the online event convened over 3 700 participants from 163 countries to high-level interactive dialogues, public panels and partner-led sessions.

The 2020 Stockholm Forum explored an array of topics, including the impacts of the Covid-19 crisis on peace and development, the Women, Peace and Security Agenda, the challenges of climate change and the changing nature of international cooperation. It provided an opportunity for members of the international community to look at how peace and development efforts engage with global challenges and draw conclusions on the global pandemic, highlighting the need to ‘build back better’ in the aftermath of Covid-19.



Left: Dan Smith, SIPRI Director, and Ann Linde, Swedish Minister for Foreign Affairs.
Right: Thomas Greminger (OSCE), Rosemary DiCarlo (UNDP), Ilwad Elman (Elman Peace Centre), Jean-Marie Guéhenno (UN Secretary-General's High-Level Advisory Board on Mediation) and Dan Smith, SIPRI Director, at the High-level Session ‘Sustaining Peace in the Time of COVID-19’ at the Stockholm Forum on Peace and Development, 13 May.

MAY 4: SIPRI commentary

Yeonju Jung writes the topical background ‘From grassroots to peace talks: Women in the inter-Korean peace process’.

MAY 5: SIPRI commentary

Dr Grégory Chauzal writes the topical background ‘Importing the Malian conflict to the Group of Five Sahel countries: The case of the Ayorou refugee camp in Niger’.

MAY 7: SIPRI commentary

Dr Marina Caparini writes the blog ‘Coronavirus shocks to human development and sustaining peace’.

MAY 8: SIPRI news

The Ukrainian translation of *SIPRI Yearbook 2019* becomes available.

MAY 14: SIPRI publication

Dr Tytti Erästö and Dr Petr Topychkanov publish the paper *Towards Greater Nuclear Restraint: Raising the Threshold for Nuclear Weapon Use*.

MAY 18: SIPRI commentary

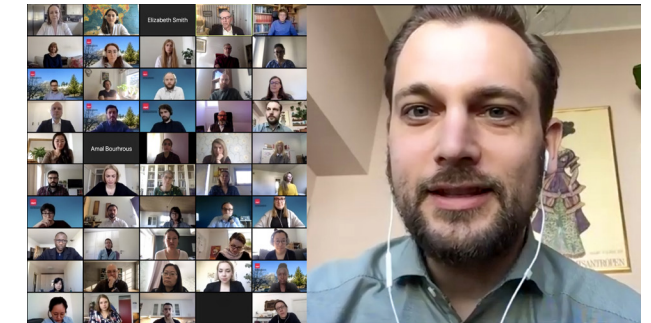
Dr Virginie Baudais writes the topical background ‘The impact of the Malian crisis on the Group of Five Sahel Countries: Balancing security and development priorities’.

MAY 25: SIPRI publications

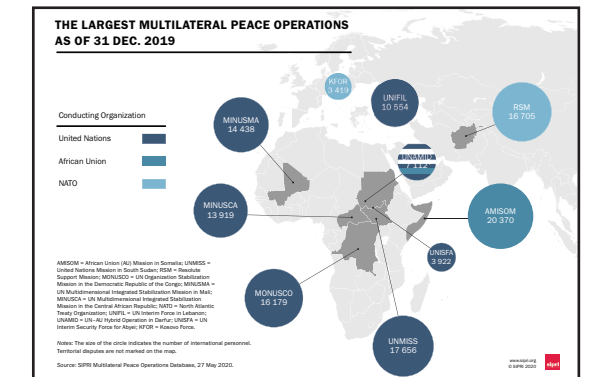
Vane Moraa Aminga and Dr Florian Krampe release two reports on climate-related security risks and the role of the African Union.

MAY 27: SIPRI publication

Timo Smit, Sofia Sacks Ferrari and Dr Jaïr van der Lijn release the fact sheet *Trends in Multilateral Peace Operations, 2019*.



SIPRI staff meet virtually with Per Olsson Fridh, State Secretary to the Minister for International Development Cooperation, 15 May.



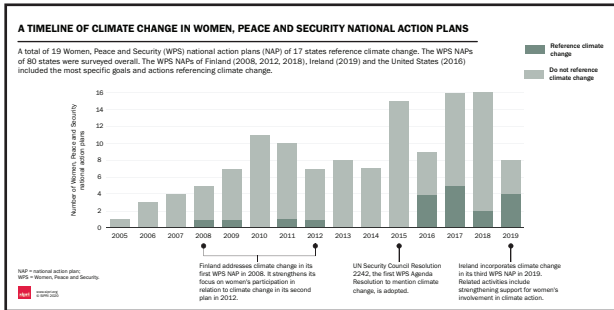
Visual representation of the largest multilateral peace operations as of 31 December 2019.



The Razumkov Centre, SIPRI's translation partner, displays the Ukrainian translation of *SIPRI Yearbook 2019*, 8 May.



SIPRI convenes the EUNPDC ad-hoc virtual seminar ‘Strengthening Non-Proliferation and Disarmament Education in Europe’, 23–24 June.



Elizabeth Smith publishes a paper on *Climate Change in Women, Peace and Security National Action Plans* and an accompanying essay on the same topic, 5 June.



SIPRI Yearbook 2020 assesses the current state of armaments, disarmament and international security.

JUNE 2: SIPRI publication

Dr Vincent Boulanin, Moa Peldán Carlsson, Netta Goussac and Neil Davidson launch the report *Limits on Autonomy in Weapon Systems: Identifying Practical Elements of Human Control*.

JUNE 9: SIPRI commentary

Dr Dylan O’Driscoll and Shivan Fazil publish the essay ‘The resurgence of the Islamic State in Iraq: Political and military responses’.

JUNE 16: SIPRI commentary

Dr Virginie Baudais writes the topical background ‘Mali: Fragmented territorial sovereignty and contested political space’.

JUNE 17: SIPRI commentary

Dr Elise Remling writes the topical background ‘The European Green Deal: A chance to promote a people-centred take on climate security’.

JUNE 18: SIPRI commentary

Mark Bromley and Giovanna Maletta write the blog ‘Using official development assistance to strengthen small arms and light weapons controls: Opportunities and risks’.

JUNE 22: SIPRI publication

Dr Vincent Boulanin, Dr Lora Saalman, Dr Petr Topychkanov, Fei Su and Moa Peldán Carlsson launch the report *Artificial Intelligence, Strategic Stability and Nuclear Risk*.

JUNE 23: SIPRI commentary

Dr Grégory Chauzal writes the topical background ‘Achieving peace and development in Central Mali: Looking back on one year of SIPRI’s work’.

JUNE 23: SIPRI commentary

Dr Nan Tian writes the blog ‘A cautionary tale of military expenditure transparency during the great lockdown’.

JUNE 29: SIPRI commentary

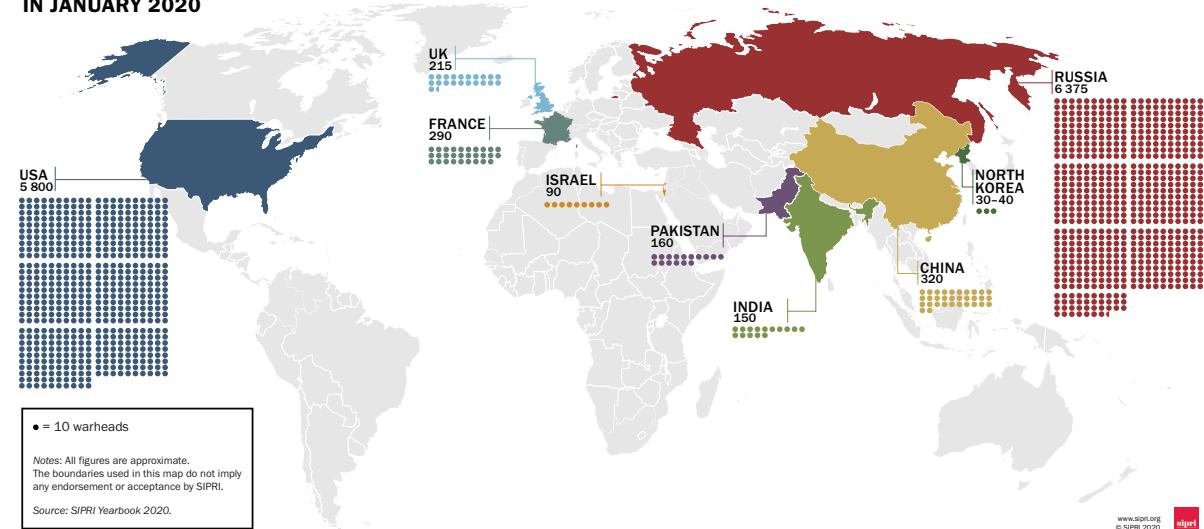
Dr Petr Topychkanov writes the blog ‘New trends and developments in the border tensions between China and India’.

JUNE 2020

THE SIPRI YEARBOOK AND WORLD NUCLEAR FORCES

The SIPRI Yearbook was first released in 1969 and continues to be an authoritative and independent resource on international stability and human security, covering developments in armed conflict and conflict management, military spending and armaments, and non-proliferation, arms control and disarmament. The Yearbook is the Institute’s annual flagship publication, analysing data from the year passed and providing depth and nuance to earlier coverage of the global arms trade and world military expenditure. The 51st edition released in 2020 continues this tradition and included the most recent data on world nuclear forces, highlighting issues such as the ongoing modernization of nuclear arsenals and the endangerment of arms treaties for weapons of mass destruction. Since SIPRI’s foundation, one of its main tasks has been to promote greater transparency on global nuclear armaments, contributing to an informed public discussion about ways to control and eventually eliminate such weapons.

GLOBAL NUCLEAR WEAPON STOCKPILES IN JANUARY 2020



Visual representation of global nuclear weapon stockpiles in January 2020.

JULY 2020

SIPRI OUTREACH

Outreach took on a new meaning in 2020, as the online sphere became the primary arena for connecting to thematic communities and local contexts both near and far. SIPRI maintained an active calendar, with the majority of events convened in a virtual format, which allowed for an even greater scope of participation than previously possible—amassing thousands of participants and viewers from all over the world. These events, together with ample film material offering insightful perspectives on peace and conflict issues, attracted over 80 000 views during the year. A fresh addition to the Institute's film library is the SIPRI Conversations series, which is a collection of interviews with SIPRI experts that highlights issues pertaining to peace and security from an insider's perspective. Global media organizations continue to show a keen interest in SIPRI's work and, in 2020, SIPRI was mentioned in over 26 000 articles and on 4100 blogs—evidence of the Institute's global impact.



SIPRI events moved online due to the Covid-19 pandemic.

JULY 1: SIPRI commentary

Dr Farah Hegazi publishes the essay 'Climate change, disease and the legitimacy of armed non-state actors'.

JULY 1: SIPRI news

Sigrún Rawet, SIPRI Deputy Director, joins a virtual Lancet–Swedish Institute for Global Health Transformation (SIGHT) Commission meeting.

JULY 1: SIPRI news

The Chinese translation of *SIPRI Yearbook 2019* becomes available.

SIPRI CONVERSATIONS



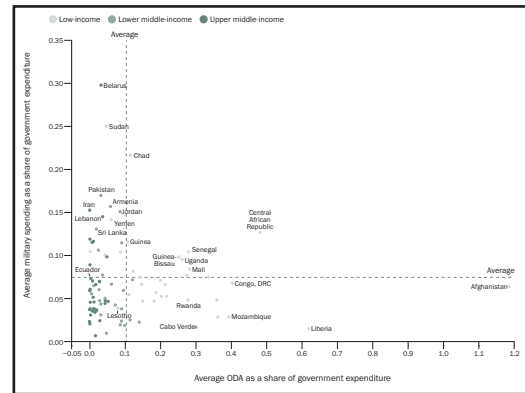
The SIPRI Conversation series launches in 2020.



Live streams, webinars and virtual dialogues were key components of SIPRI Outreach in 2020.



SIPRI and UNODA co-host the webinar ‘The Tenth NPT Review Conference: Effective Measures for Nuclear Disarmament’, 28 August.



Visual representation of the average share of military spending and official development assistance in government expenditure, 2008–17.



Filippo Grandi, UN High Commissioner for Refugees, and Dan Smith, SIPRI Director, in conversation, 31 August.

AUGUST 13: SIPRI commentary
Amal Bourhrous writes the essay ‘Trust and coercion in times of emergency: COVID-19 and structures of authority in North Africa’.

AUGUST 17: SIPRI publication
Dr Tytti Erästö publishes the policy brief *European Non-proliferation Diplomacy in the Shadow of Secondary Sanctions*.

AUGUST 19: SIPRI commentary
Dr Ian Anthony writes the expert comment ‘The Belarus election: A challenge to stability and security in Northern Europe’.

AUGUST 21: SIPRI publication
Mark Bromley and José Alvarado Cobar launch the publication *Reporting on Conventional Arms Transfer Controls: Improving Coordination and Increasing Engagement*.

AUGUST 24: SIPRI publication
Dr Nan Tian and Diego Lopes da Silva publish the paper *Military Spending and Official Development Assistance in Recipient States: Is there a Relationship?*

AUGUST 28: SIPRI commentary
Robert Kelley writes the topical backgrounder ‘Starve nuclear weapons to death with tritium freeze’.

AUGUST 28: SIPRI event
SIPRI and the United Nations Office for Disarmament Affairs (UNODA) co-host a webinar on effective measures for nuclear disarmament.

AUGUST 2020

MITIGATING THE RISKS OF CLIMATE CHANGE

SIPRI is dedicated to research on the intersection of climate change and security, and engages in climate-related projects on multiple levels. As the impacts of climate change become more evident and interlinked with social, political and economic processes, SIPRI’s work has evolved to not only consider climate-related security risks but also institutional responses to climate change. This research takes places within the frameworks of MISTRA Geopolitics, the Stockholm Climate Security Hub and the Horn of Africa Climate Security Working Group, among others.

A prominent milestone in 2020 was the launch of the Environment of Peace initiative, which aims to direct international attention towards practical steps to address the negative impact of today’s environmental crises and improve tomorrow’s prospects for peace and security. The project is led by SIPRI under the guidance of a distinguished panel of international experts, chaired by Margot Wallström, former Swedish Minister for Foreign Affairs and former EU Environmental Commissioner.



Left: Arid soils in Mauritania.
Upper Right: Margot Wallström, former Swedish Minister for Foreign Affairs, discusses the Environment of Peace initiative.
Lower Right: Environment of Peace panellist Dr Arunabha Ghosh.

SEPTEMBER 2020

RESPONSIBLE USE OF ARTIFICIAL INTELLIGENCE AND CYBER-INCIDENT MANAGEMENT

How technological innovations may be used in, and transform, the military and security realms is not yet fully understood. SIPRI has a long history of research on the disruptive effects that new technologies can have on the conduct of warfare, such as artificial intelligence and machine learning incorporated into autonomous weapon systems. In 2020, it contributed to the field through a high engagement in seminars and workshops, underpinned by a number of publications on the topic. One such event was on 5–6 November, when SIPRI served as a thematic partner for the conference ‘2020. Capturing Technology. Rethinking Arms Control’, arranged by the German Federal Foreign Office. A major publication was the report *Cyber-incident Management: Identifying and Dealing with the Risk of Escalation*, released in collaboration with the Swedish Civil Contingencies Agency (MSB). In it, the authors call for holistic solutions, where not only systems but also societies need to be more resilient to a broad range of cyber risks.



Upper Left: Netta Goussac participates in ‘2020. Capturing Technology. Rethinking Arms Control’, 5 November.
Lower Left: SIPRI hosts a breakout session on ‘The Military use of AI: Artificial and real challenges for arms control’ and prepares a short film on the same topic, 5 November.
Right: Still image from the SIPRI Reflection film ‘How to ensure human control over autonomous weapons’.

SEPTEMBER 2: SIPRI commentary

Rickard Söder, Dr Malin Mobjörk and Dr Eva Lövbrand write the blog ‘The Anthropocene and global politics: Rewriting the Earth as political space’.

SEPTEMBER 2–3: SIPRI event

SIPRI and the China Institute of International Studies (CIIS) co-host a webinar series on EU–China relations and connectivity.

SEPTEMBER 4: SIPRI commentary

Dr Virginie Baudais and Dr Grégory Chauzal write the blog ‘Mali’s transition: High expectations and little time’.

SEPTEMBER 8: SIPRI commentary

Dr Lora Saalman writes the blog ‘China’s detachment from the South Asian nuclear triangle’.

SEPTEMBER 10: SIPRI film

SIPRI releases a film based on the discussions from the Stockholm Forum on Peace and Development.

SEPTEMBER 10–11: SIPRI news

SIPRI plays an active role during the Ninth Consultative Meeting of the EU Non-Proliferation and Disarmament Consortium.

SEPTEMBER 14: SIPRI publication

Dr Florian Krampe and Jake Sherman publish the paper *The Peacebuilding Commission and Climate-related Security Risks: A More Favourable Political Environment?*

SEPTEMBER 17: SIPRI commentary

Dr Lucie Béraud-Sudreau writes the essay ‘COVID-19: A new wave of European arms industry consolidation?’.

SEPTEMBER 28: SIPRI publication

Fei Su, Dr Vincent Boulanin and Johan Turell publish the policy paper *Cyber-incident Management: Dealing with the Risk of Escalation*.

SEPTEMBER 30: SIPRI commentary

Dr Ian Anthony writes the expert comment ‘Escalating violence in Nagorno-Karabakh: Local solutions offer the main hope’.



SIPRI hosts the webinar series ‘The strategic triangle in the Arctic’, 7 September.



SIPRI welcomes Joakim Vaverka as its new Deputy Director, 1 September.



SIPRI hosts a visit from HE Stef Blok, Minister of Foreign Affairs of the Netherlands, 9 September.



From the left: Dr Vincent Boulanin, HRH Crown Princess Victoria, Dr Jannie Lilja and Dr Tytti Erästö, 1 October.



SIPRI interviews Margot Wallström, former Swedish Minister for Foreign Affairs, on the significance of the 20th anniversary of UN Security Council Resolution 1325, 26 October.



Dan Smith, SIPRI Director, and Peter Eriksson, Swedish Minister for International Development Cooperation, at the virtual event 'Crisis, conflict and climate: From immediate humanitarian response to longer-term peace and development solutions', 15 October.

OCTOBER 1: SIPRI commentary

Dr Petr Topychkanov writes the blog 'Russia's nuclear doctrine moves the focus from non-Western threats'.

OCTOBER 6: SIPRI publication

Alexandra Kuimova publishes the background paper *Understanding Egyptian Military Expenditure*.

OCTOBER 8: SIPRI commentary

Dan Smith writes the essay 'A breakdown in cooperation puts us all at risk'.

OCTOBER 15: SIPRI publication

Pieter D. Wezeman, Dr Lucie Béraud-Sudreau and Siemon T. Wezeman publish a paper on *Transparency in Arms Procurement: Limitations and Opportunities for Assessing Global Armament Developments*.

OCTOBER 16: SIPRI publication

Robert E. Kelley launches the report *A Technical Retrospective of the Former South African Nuclear Weapon Programme*.

OCTOBER 19: SIPRI publication

Dr Dylan O'Driscoll, Amal Bourhrou, Meray Maddah and Shivan Fazil publish the policy paper *Protest and State–Society Relations in the Middle East and North Africa*.

OCTOBER 23: SIPRI commentary

Dr Ian Anthony and Ambassador Michael Sahlin write an essay on 'Maritime disputes in the eastern Mediterranean: Why and why now?'.

OCTOBER 23: SIPRI event

Dan Smith engages in a high-level seminar on food security.

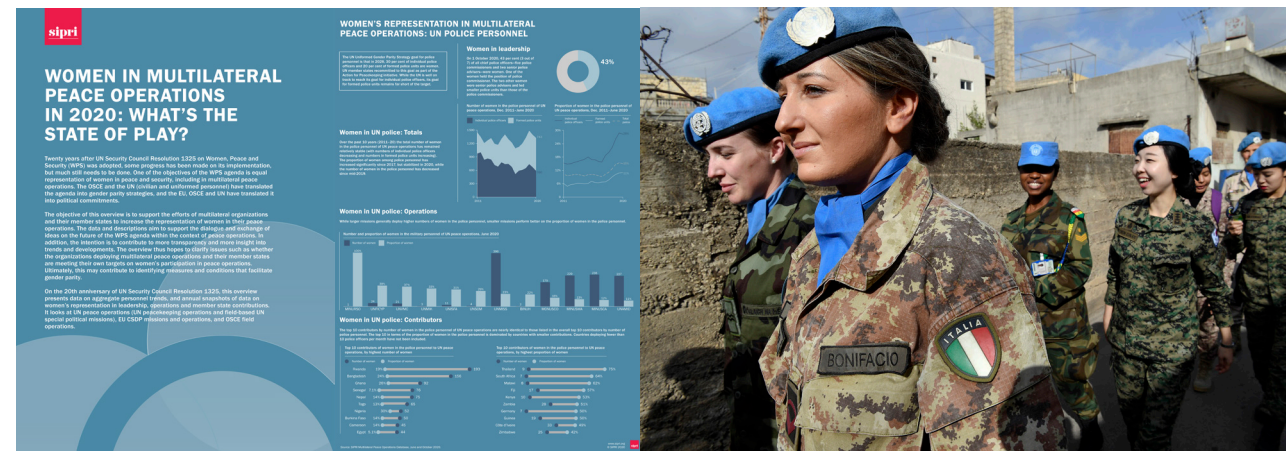
OCTOBER 29: SIPRI commentary

Dr Diego Lopes da Silva writes the topical backgrounder 'Autocracy is on the rise: Should we expect military spending to follow?'.

OCTOBER 2020

TWENTY YEARS OF WOMEN, PEACE AND SECURITY

It is recognized that inclusive peace processes are more sustainable but, despite this, women are often excluded from peacebuilding efforts. The year 2020 marked the 20th anniversary of the United Nations Security Council's adoption of Resolution 1325 on Women, Peace and Security (WPS). The landmark resolution recognized the full and equal participation of women in building and maintaining peace, and made the gender perspective undisputable when looking at and analysing armed conflict. Twenty years after the resolution there has been progress, but more still needs to be done and SIPRI is dedicated to identifying paths forward. Evaluating the implementation of Resolution 1325 is an all-encompassing feat, but in 2020 some extra attention was directed towards evaluating women's role in peace processes on the Korean Peninsula and in Colombia, connecting climate-related security risks to 80 states' national action plans on WPS, and representation in peacekeeping operations, to mention just a few.



Left: Dr Jaïr van der Lijn and Timo Smit publish *Women in Multilateral Peace Operations in 2020: What's the State of Play?*, 28 October.

Right: United Nations Interim Force In Lebanon (UNIFIL) all-female foot patrol in Rumaysh, south Lebanon.

NOVEMBER 2020

STOCKHOLM SECURITY CONFERENCE: INTERNATIONAL COOPERATION

The fifth annual Stockholm Security Conference (SSC 20) was convened virtually on 17–20 November, gathering various communities to look at joint responses to shared challenges and taking the implications of the Covid-19 pandemic into account. Discussions centred on challenges to international security, exploring the drivers behind the decline of multilateralism and identifying ways to put multilateral cooperation back at the top of the political agenda. The open panel day was introduced by Ambassador Jan Eliasson, Chair of SIPRI's Governing Board, with welcoming remarks by Ann Linde, Sweden's Minister for Foreign Affairs. SSC 20's thematic sessions focused on nuclear arms control, responsible use of technology and techno-nationalism, while the regional and institutional sessions focused on security cooperation in Africa, the impact of the rise of China on multilateral organizations, the Organization for Security and Co-operation in Europe (OSCE) and the United Nations.



Left: Ambassador Jan Eliasson, Chair of the SIPRI Governing Board, at the Stockholm Security Conference. Right: Dr Patricia Lewis (Chatham House), Dr Yan Xuetong (Tsinghua University), Andrey Kortunov (Russian International Affairs Council), Dr Jessica Tuchman Mathews (Carnegie Endowment for International peace) and Dan Smith (SIPRI) at the open panel 'Challenges to international cooperation: Past, present and future'.

NOVEMBER 4: SIPRI publication

Dr Vincent Boulanin, Kolja Brockmann and Luke Richards launch the report *Responsible Artificial Intelligence Research and Innovation for International Peace and Security*.

NOVEMBER 4: SIPRI publication

Dr Vincent Boulanin, Netta Goussac, Laura Bruun and Luke Richards launch the report *Responsible Military Use of Artificial Intelligence: Can the European Union Lead the Way in Developing Best Practice?*

NOVEMBER 6: SIPRI publication

Jiayi Zhou et al. publish a paper on *The Geopolitics of Food Security: Barriers to the Sustainable Development Goal of Zero Hunger*.

NOVEMBER 9: SIPRI publication

José Francisco Alvarado Cobar publishes the background paper *Strategies for Including Women's and LGBTI Groups in the Colombian Peace Process*.

NOVEMBER 10: SIPRI commentary

Shivan Fazil and Dr Dylan O'Driscoll write the essay 'Cultural reconstruction is critical after Islamic State occupation'.

NOVEMBER 13: SIPRI publication

Dr Ian Anthony publishes the policy paper *Strengthening Global Regimes: Addressing the Threat Posed by Chemical Weapons*.

NOVEMBER 17: SIPRI commentary

Nivedita Raju writes the essay 'Diluted disarmament in space: Towards a culture for responsible behaviour'.

NOVEMBER 19: SIPRI Publication

Dr Tytti Erästö and Pieter D. Wezeman publish the policy brief *Addressing Missile Threats in the Middle East and North Africa*.

NOVEMBER 23: SIPRI publications

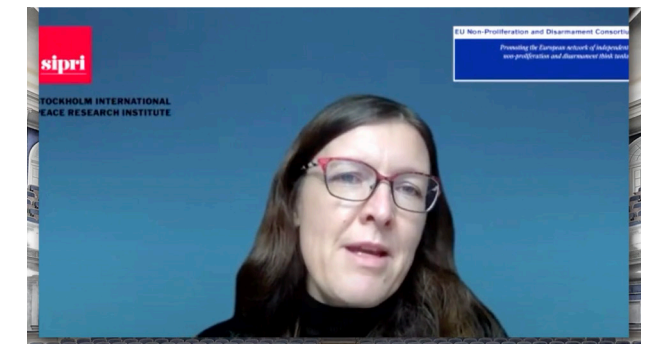
Timo Smit publishes two policy briefs on EU civilian CSDP missions.

NOVEMBER 26: SIPRI publication

Dr Malin Mobjörk, Dr Florian Krampe and Kheira Tarif publish the policy brief *Pathways of Climate Insecurity: Guidance for Policymakers*.



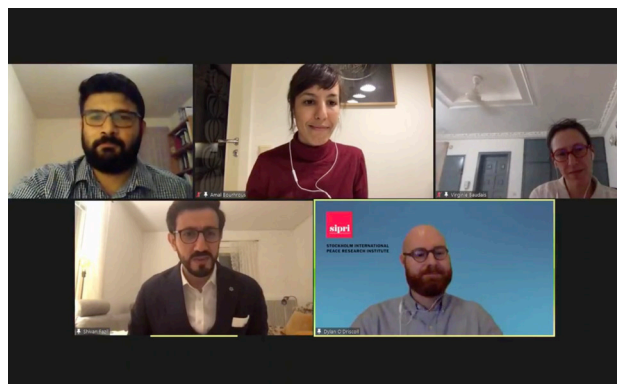
IMEMO launches the Russian translation of *SIPRI Yearbook 2020* at an event in Moscow, 20 November.



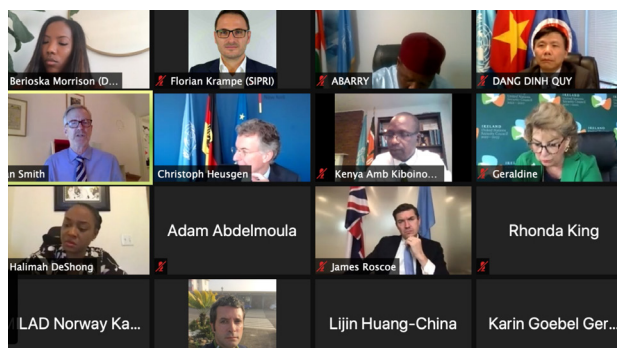
Dr Sibylle Bauer engages in an EU Non-Proliferation and Disarmament Consortium workshop, 25 November.



SIPRI's translation partner PEACEMOMO holds an event to launch the Korean translation of *SIPRI Yearbook 2020*, 30 November.



SIPRI hosts a panel discussion on 'Local Understandings of Human Security: Evidence from the Field' as a part of the PAX Protection of Civilians Conference 2020, 2 December.



SIPRI briefs the inaugural meeting of the Informal Expert Group of Members of the United Nations Security Council on Climate and Security on climate-related security issues in Somalia, 10 December.



SIPRI hosts a virtual workshop on 'Nuclear challenges in South Asia: Views from India, Pakistan, China, Russia, Australia, New Zealand and the USA', 8–9 December.

DECEMBER 2: SIPRI commentary

Dr Lora Saalman writes the blog 'India's no-first-use dilemma: Strategic consistency or ambiguity towards China and Pakistan'.

DECEMBER 3: SIPRI film

SIPRI releases a new film series on EU–China relations and the role of connectivity.

DECEMBER 8: SIPRI publication

Dr Lucie Béraud-Sudreau et al. publish the paper *Mapping the International Presence of the World's Largest Arms Companies*.

DECEMBER 10: SIPRI publication

Dr Caroline Delgado launches the report *The World Food Programme's Contribution to Improving the Prospects for Peace in Colombia*.

DECEMBER 11: SIPRI commentary

Kolja Brockmann writes the topical backgrounder 'European Union sanctions on North Korea: Balancing non-proliferation with the humanitarian impact'.

DECEMBER 14: SIPRI commentary and film

Dr Florian Krampe writes an essay, and a film series is released, on climate-related security risks in the Horn of Africa.

DECEMBER 15: SIPRI commentary

Dr Florian Krampe and Dr Elise Remling write the expert comment 'The new EU peace mediation strategy: A step in the right direction on climate issues'.

DECEMBER 17: SIPRI publication

Dr Lucie Béraud-Sudreau, Dr Diego Lopes da Silva, Alexandra Kuimova and Pieter D. Wezeman publish the paper *Emerging Suppliers in the Global Arms Trade*.

DECEMBER 17: SIPRI publication

Dr Andrea Edoardo Varisco, Kolja Brockmann and Lucile Robin publish the background paper *Post-shipment Control Measures: European Approaches to On-site Inspections of Exported Military Materiel*.

DECEMBER 17: SIPRI film

SIPRI releases an interview with Dr Arunabha Ghosh, Environment of Peace panellist.

DECEMBER 2020

PARTNERSHIPS FOR PEACE

SIPRI seeks to fuse the efforts of the Institute with those of other international institutions in its bid for multilateralism and international cooperation. This continuous engagement with other peace actors has resulted in several formalized partnerships, deepening the many institutional ties already enjoyed around the world. One partnership that emerged in 2020 was a collaboration with the International Committee of the Red Cross (ICRC), focusing the joint endeavours on climate-related security and urban warfare. Examples of two key partnerships that continued in 2020 are the collaborations with Nobel Peace Prize laureates the World Food Programme (WFP) and the United Nations High Commissioner for Refugees (UNHCR). As in previous years, these led to numerous joint exercises, such as a virtual high-level event on 'Crisis, climate and conflict' in October, which was organized in cooperation with the UN Development Programme and the WFP and held in connection with the virtual UN General Assembly high-level week.



Representatives from three of SIPRI's partners, Dr Helen Durham (ICRC), Dr Gillian Triggs (UNHCR) and Valerie Newsom Guarnieri (WFP), alongside Dr Jannie Jilja participate in the open panel 'How challenges to international cooperation impact humanitarian work' at the Stockholm Security Conference, 18 November.

FACTS AND FIGURES

- At the end of 2020 the number of employees at SIPRI was 69, of which 26 were men and 43 were women.
- SIPRI had 46 full-time research staff during 2020, with 31 different nationalities.
- SIPRI published 53 titles and over 40 online commentaries in various formats.
- Full translations of *SIPRI Yearbook 2020* were published in Chinese, Russian and Ukrainian, while summaries were issued in Dutch, English, Farsi, French, Italian, Korean and Swedish.
- At the end of 2020, SIPRI had over 60 900 followers on Twitter and more than 24 600 page likes on Facebook.
- SIPRI was featured in over 26 000 news stories during 2020, in 140 countries.
- SIPRI issued 83 targeted mailings and newsletters, as well as over 62 news items and press releases.
- SIPRI's YouTube channel generated over 329 days of total watch time and holds a viewership of over 80 600.



Behind the scenes of the Stockholm Forum and the Stockholm Security Conference.

JANUARY—DECEMBER 2020

SIPRI’s annual accounts are prepared in accordance with the Annual Accounts Act. Figures are in SEK.

FINANCES	2020	2019
Income		
Parliamentary Core Grantt	28 402 000	28 402 000
Funding from external projects	61 862 516	59 050 051
Royalties	155 436	205 615
Other	2 530	18 167
Rental income	0	0
<hr/>		
Total	90 422 482	85 422 778
Expenditure		
Project expenditure from grants	−24 567 062	−31 037 684
Administrative expenditure	−9 487 863	−9 560 922
Staff costs	−53 994 445	−46 117 882
Depreciation	−428 815	−394 100
<hr/>		
Operating profit	1 942 297	565 245
<hr/>		
Financial income		
Financial net amount	−421 580	871 821
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Change in capital this year	1 520 717	1 437 066



SIPRI’s annual staff photo taken on the occasion of the meeting of the Governing Board, 18 November.

PHOTO CREDITS

- Fishermen in Mali, photo by Sakiliba Foto, p. 5.

The ‘Turkish Restaurant’, photo by Hassan Majed/Wikimedia Commons, p. 6.

Upper and lower bounds of violence, photo by GReVD, p. 7.
- Russian ice breaker, photo by Christopher Michel/Flickr, p. 8.

Ukrainian translation of *SIPRI Yearbook 2019*, photo by the Razumkov Centre, p. 11.

Woman in Mauritania, photo by Pablo Tosco/Oxfam, p. 17.
- Dr Netta Goussac, photo by the German Federal Foreign Office, p. 18.

UNIFIL foot patrol, photo by Pasqual Gorriz/UN Photo, p. 21.

Dr Sibylle Bauer, photo by EUNPDC, p. 23.

