



**WORLD
SCIENCE
FORUM**
SOUTH AFRICA

World Science Forum 2022

South Africa welcomes you

23 September 2022

Diplomatic Briefing

- What is the World Science Forum?
- What will the World Science Forum in South Africa be?
- How can South Africa's international partners participate?
- Science knows no borders

WSF partnership



WSF history

- “A global platform to exchange, discuss and harmonize the ideas in respect to the growing interdependence of science with society.”
- 1999 Budapest
- 2003 Budapest
- 2005 Budapest
- 2007 Budapest
- 2009 Budapest
- 2011 Budapest
- 2013 Rio de Janeiro (Brazil)
- 2015 Budapest
- 2017 Dead Sea (Jordan)
- 2019 Budapest
- 2022 Cape Town

WSF history

- 1999: Declaration on the Use of Science and the Use of Scientific Knowledge
 - Science for knowledge; knowledge for progress
 - Science for peace
 - Science for development
 - Science in society and science for society
- 2003: Knowledge and Society
- 2005: Knowledge, Ethics and Responsibility
- 2007: Investing in Knowledge, Investing in the Future
- 2009: Knowledge and the Future
- 2011: The changing landscape of science: challenges and opportunities
- 2013: Science for global sustainable development
- 2015: The enabling power of science
- 2017: Science for Peace
- 2019: Science, Ethics and Responsibility

The World Science Forum comes to Africa

- Main Forum: Tuesday 6 to Friday 9 December 2022
- Side events starting from Thursday 1 December 2022
- Event will be “hybrid” – all speakers will be on site in Cape Town but entire event will be accessible online for free
- In person participation limited to approximately 2000 - combination of invitations and applications to ensure diversity in participants



Cape Town International Convention Centre



Cape Town – “Mother City”



Cape Town – Science City



Cape Town – University City



UNIVERSITY of the
WESTERN CAPE



Cape Peninsula
University of Technology



UNIVERSITEIT
iYUNIVESITHI
STELLENBOSCH
UNIVERSITY



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Theme: Science for Social Justice

- How the production and application of new knowledge should challenge inequality, injustice, environmental destruction, marginalization and exclusion.
- The role of science in advancing social justice, and, how the values of social justice, such as greater transparency and inclusivity, should transform the nature of the scientific enterprise to make it more responsive to the needs of society.
- Science for social justice, but also science in social justice, and social justice in science, and social justice for science

Plenary sessions will include

- **Science for human dignity** – What role for science in fighting poverty, unemployment, inequality and exclusion?
- **Science for climate justice** – How can science working with civil society lead the way in correcting the failure of climate policy?
- **Science for Africa and the world** – How to unleash the potential of African science in global cooperation?
- **Science for diplomacy** - How can science reboot multilateralism and global solidarity?
- **Justice in science** – How to ensure science reflects the society we want?

Thematic Sessions

- 139 proposals eligible for evaluation following call for proposals
- 28 Sessions selected for final inclusion in programme
- Rich diversity of topics:
 - Social justice
 - Conduct of science
 - Science diplomacy
 - Sustainable Development Goals
 - African agenda
 - Gender
 - Unlocking talent

Thematic sessions: Social Justice

- Intersections between social justice and **the free and responsible conduct of science**
- Enhancing **social justice and well-being via public goods**: where does science fit-in?
- At-Risk, Displaced, and **Refugee Scholars**: Global Dynamics and Best Practices
- **Repatriation of unethically obtained human remains**: Can policy and science converge to ensure community justice?
- No justice without knowledge – **communicating science** during a global health crisis
- Technology and **social inclusion** in the Global South

Thematic sessions: Science Policy

- **Open Science** and a Just, Equitable Scientific Enterprise: Promises and Pitfalls
- What if? Is curiosity still the main driving force behind revolutionary ideas in science? / What if? A tribute to curiosity driven **basic science**
- A global strategy to combat **predatory academic journals** and conferences
- **Data and knowledge management** and social justice: are FAIR and CARE too much, enough, or have to go further?
- Equity and diversity in **scientific policy advice** – enhancing the social value of research and the impact of evidence-based policymaking

Thematic sessions: Science and SDGs

- **Climate justice:** seeking equitable solutions to adverse effects of climate change on health
- **GeoScience** for Sustainable Human Progress
- Making the most of **quantum technologies** openly to reach the SDGs
- **Physics and Accelerators** for Science and Social Justice
- Making the Connections: the Sustainable Development Goals, the Right to Science, and **COVID-19**

Thematic sessions: Science in Africa

- **STI Systems in Africa** for social inclusion and environmental sustainability: new tools and approaches
- **Localised Science, Technology and Innovation Roadmaps** for the achievement of the Sustainable Development Goals in Africa
- Challenges of Urbanization: **Food Security** in Africa
- Women, **Science and Freshwater** for Social Justice in Africa

Thematic sessions: Gender / Careers

- Different lens, better outcomes? Intersectionality as a critical component of **gender transformative research**
- Advancing the Social Justice Agenda for **Women in Science Systems: Mentoring Works**
- Building bridges for **early career scientists**: global experiences on impactful leadership training and networking

Thematic sessions: Science Diplomacy

- **Science Diplomacy for Social Justice**
- **Science funding** for development in Medium and Less Developed Countries (M&LDC), need for transparency and open agenda-setting by funders and grantees
- Global Scientific Research as a Tool to Unlock Talent and Expand the **Geographical Confines** of Knowledge Creation

Side events

- Multiple events in the run-up to the Forum, including:
 - Ministerial Dialogue with UNESCO
 - General Assembly of the African Academy of Sciences, Events in partnership with SADC, AU
 - Global Young Academy, Women in Science Film Festival
 - Citizen Science: Air Pollution Monitoring fun run / walk
 - Artificial Intelligence for Social Justice
 - “The Cape Town Declaration on Science for Social Justice” by grassroots collective
 - International Bio-Economy Forum, Atlantic (AIR Centre) Dialogue
 - ***Launch event in Cape Town on 10 November 2022: UNESCO Science for Peace and Development Day***



Opportunities for participation

- Ministerial invitation letters to partner countries
- Suggestions for speakers
- Participation in Exhibition
- Organisation of side events
- Leverage opportunity for bilateral, multilateral engagement

Why the World Science Forum in South Africa

- South Africa is committed to international cooperation in science and innovation (strategic focus of Decadal Plan) therefore want to profile South Africa as a committed, reliable, exciting partner.
- South Africa is committed to inclusive global science partnerships responding to societal challenges, with full and active participation, therefore the chosen theme of “Science for Social Justice.”
- South Africa is committed to multilateralism and global solidarity, we are stronger together, therefore the lasting legacy of Cape Town 2022 should be the strengthening of old and forming of new friendships.

Join the conversation

- <https://worldscienceforum.org/>
- @worldsciforum #WSF2022
- Thapelo.Kepadisa@dst.gov.za
- **Join us for an event inspired by, celebrating and recommitting to the values of “Ubuntu”, our common humanity.**





See you in Cape
Town!

