

UNOOSA

Space for Women

UN-Jordan Workshop

Global Partnership in Space Exploration and Innovation
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All developing regions have or have almost **achieved gender parity** in primary education.






But the **gender disparity widens** at the secondary and tertiary school levels in many countries.


70 GIRLS	100 BOYS
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IN SUB-SAHARAN AFRICA, AT THE TERTIARY LEVEL, 2016

The percentage of women in parliament **has doubled** in the last 20 years.





But this only translates into **around 23%** of women in parliament today.





The issue of gender inequality


Around 49% of the world's working age women are in the labour force, compared to over 75% of working age men.




And globally **women earn 23% less** than men.



24 women CEOs lead Fortune 500 companies today, compared to only 1 in 1998.



But this is only **5% of all CEOs** on the list.



1998 2017

Source:
UN Women



Gender (in)equality in STEM



Just 1/5 countries have achieved gender parity, meaning **45% to 55%** of researchers are **women**

Percentage of women researchers in natural sciences, engineering and technology, medical and health sciences, agricultural sciences, social sciences and humanities



Women represent only around **30 percent** of the STEM researchers worldwide

Historically, over 560 people have travelled to space but only **11 percent** were women

In 2016, women represented **only 20 percent** of space industry workforce which is on par with statistics from 30 years ago.



Women in Science



The 2030 Agenda and the SDGs

Adopted by all UN Member States in **2015** and provides a shared blueprint for **peace and prosperity** for people and the planet, now and into the future.

The 17 Sustainable Development Goals (SDGs) are an **urgent call for action** by all countries - developed and developing - in a global partnership



17 Goals
169 Targets
232 Indicators



The importance of gender equality and empowerment of women and girls

Women's empowerment is **central to realizing women's rights**, reducing risks of violence, discrimination and other types of abuse



Better educated women experience **less** maternal and child **deaths** and can provide **better nutrition** to their children



Space tends to offer high-earning jobs in a fast-growing sector, providing women with more **financial freedom** and significant contribution to **household income**



Studies in both private and public sectors have shown that a **diversity** of skills and perspectives leads to **greater innovation and success**



Reducing the gender gap may bring as much as **\$12 trillion** to the global GDP by 2025



90 percent of future jobs will require STEM related skills. Women must possess skills and education to be able to **be competitive** in the future employment market.



UN for gender equality

We the Peoples of
the United Nations
determined
“to reaffirm faith in
fundamental human rights,
...in the equal rights of men
and women”



International Gender Champions

A leadership network that brings
together female and male decision-
makers to break down gender barriers.





UNOOSA for gender equality

- Satellite communications technologies are helping to **bridge the access gap** that is often found in rural and remote communities.
- Space technologies enable **distance learning** programs
- Space exploration frequently spark students' **interest in the STEM field**

UNOOSA's programmes and initiatives are designed to provide capacity-building, education, research and development support and technical advisory services to countries to reduce the capabilities gap between spacefaring, and emerging/non-spacefaring nations

UNOOSA is working on a dedicated **Space for Women Project** to strengthen and deliver targeted capacity-building and technical advisory activities, and promote efforts to encourage women and girls' involvement in STEM education.





Making 'Space for Women' a reality – Next steps

Space for Women Forum

- Capacity building and awareness raising forum in 2019

Space for Women Research

- Research on various aspects of women in STEM and Aerospace for evidence based awareness raising

Space for Women Institutional Capacity Building Mission

- Team of experts to assess the institutional and enabling environment in a pilot country second half 2019

Space for Women Champions Network

- Global Network of role models and mentors to promote careers in STEM and the Space Sector

Space for Women Platform

- Central hub for global initiatives under the UN roof for exchange, communication and coordination



Let's make space work for the
development of women



Let's make space in the aerospace
industry and STEM fields for
women



Let's make the Space for Women
project together



**It always seems impossible...
until it's done.**

Nelson Mandela

THANK YOU



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