



## Side Event Summary 8<sup>th</sup> Multistakeholder Forum 2023

### *Open Science Initiatives to Transform Health and Education Systems*

**3 May 2023; 8:30 am to 9:45 am EST (New York Time)**

## Background / Objectives

Openness in science is an essential component of the scientific process. Making science more accessible, affordable, inclusive and equitable, especially in health and education sectors, is the way forward – and achieving Sustainable Development Goals (SDGs) 3, 4, 5, and 17 by 2030. We suggest that avenues for providing Universal Health Care (UHC), online quality educational platforms and use of artificial intelligence (AI) and Big Data management for low- and middle-income countries to accelerate SDGs.

Initiatives of Women's Health and Education Center (WHEC) have a unique role to play in strengthening the health and education systems worldwide. Cultural diversity is now the norm in each and every country. The e-Health, e-Learning and Mobile Health, are providing healthcare services and achieving better health outcomes, in both developed and developing countries. Access to reliable *Broadband Internet*, is becoming essential to Education & Health Services, in every country – rich and poor alike.

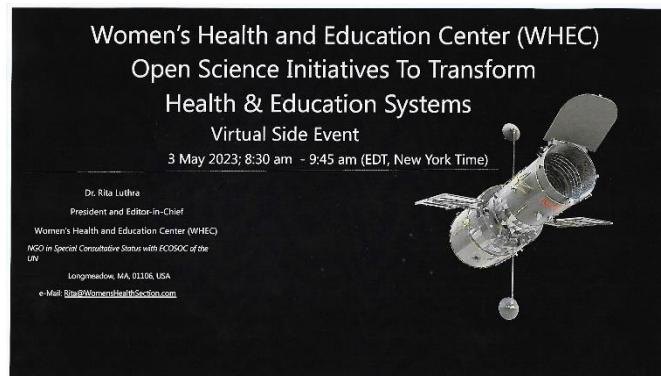
## Key Issues Discussed

Imagine, students in developing and developed countries, simultaneously reviewing the same medical education, and learning from each other. That is, e-Learning at its BEST, in an *Internet Classrooms*. With this goal, WHEC in collaboration with the Department of Public Information of the United Nations (UN), has launched an Global e-Health Platform.

<http://WomensHealthSeciton.com> in Six official languages of the UN. Its work began on 24 October 2023. Today, we are serving 227 countries and territories and about 12-13 million subscribers every year. AI and Big Data management presents opportunities of all 17 SDGs and offers vast analytical possibilities to track and monitor progress of SDG indicators. Issues focused on:

- Shared experiences of various technological solutions, in improving the affordability and accessibility of quality education and healthcare services for all.
- How best to apply technology in the learning process, inclusive for girls, women, Indigenous and marginalized population – to benefit all.
- STI solutions for the Least Developed Countries (LDCs);
- Lessons Learned from the Pandemic.
- A way forward – connectivity to all with *Broadband Internet* to their population.
- WHEC with its partners, will continue to support country actions & strengthen inclusive digital learning platforms and high-quality information, worldwide.

## Key Recommendations for Action



**When Open-science, AI, and Big Data management meet the social reality of human coordination and governance, it becomes more sustainable, and might help to close digital divide. If we wish to leave no one behind, we must ensure that we give voice and work to all.**

In Summary, Our Recommendations:

- The UN and its agencies, like WHO and UNESCO, should provide the required funding to close the digital divide between developing and developed countries.
- Algorithmic Accountability programs and Data-ecosystem, to ensure AI-based systems in health and education sectors, do not reinforce institutional bias, unequal power structures and inequalities. Establish consistent systemic examination of pre-, in-, and post-processing method of data by AI.
- Data Co-operatives for data management storage, with their obligation solely towards benefitting its members. Fund and/or provide required training to these co-operatives that allow them to operate independently.
- Advance and establish effective good digital governance procedures and regulatory policies, which establish accountability for global societal data.
- Ensure data-cooperatives and their practitioners are vital stakeholders in designing and implementing policies related to future SDGs decision-making.
- Data-Colonialism has the possibility of drawing developing states into asymmetrical Global North-South trade and investment scenarios. Fund and/or provide NGOs and government partnerships to construct and scale up data co-operatives to foster community-driven data sovereignty – a concept of a ‘property-owning democracy.’
- The use of Space-technologies for implementation of SDGs. Space is for everyone. As more countries invest financially and political capital in the space environment, the world become increasingly dependent on space. The UN has a long legacy of facilitating international cooperation in outer space.

Join us to continue to advance UN’s Work – for everyone, everywhere!

### Presentation and YouTube Video Link

<https://youtu.be/KjL7ey9YmvM>