

Annex 1

International Year of Basic Sciences for Sustainable Development (IYBSSD) 1st July 22 – 30th June 2023

As proclaimed by the UNGA as the International Year of Basic Sciences for sustainable development (IYBSSD), 2022 will be the ultimate chance to try to achieve important goals, such as strengthening science education and training, increasing the access to basic science funding resources, and promoting open science. These are among several other goals, all of which serve to raise the awareness of the role of Basic Sciences in improving people's lives, specifically when we are facing a global pandemic, and thus achieving the Sustainable Development Goals (SDGs)

Achieving the IYBSSD goals will be through series of workshops, forums, seminars, and networks building, in which some of them will be associated with the Science-related international days. The target audience will be college students and young scholars with the inclusive coverage from both gender and geographical perspectives, educators, policy makers, as well as public at large. These activities will position basic sciences as main subjects among youth, governments, and public. This will enable them to learn about knowledge transfer and how to contribute to the achievement of SDGs. Putting the spotlight on the links between the basic sciences and the Sustainable Development Goals will be a key moment to convince economic and political leaders, as well as the public, of the importance of investing in Basic Sciences.

The inauguration event of the IYBSSD will take place at the UNESCO HQ on end of June/early July 2022. Following the opening ceremony, the tentative outline of the event will be based on a collection of visual materials explaining how Basic Sciences are essential element in our daily lives, as well as interviews with Nobel Laureates, eminent scientists, young researchers, and school children from around the world. Several round table discussions between scientists, young researchers, and policy makers will be organized throughout the day. A special event will be organized with youth interested in the field of Natural Sciences to select Youth Ambassadors for Basic Sciences. Academic researchers will be invited to simplify science for the children by designing workshops as side events. Member States Science Academies and Private Companies will be invited to organize exhibitions to show materials or products that resulted from conducting Basic Research. The event will be in a hybrid format, subject to the Pandemic status.

The implementation of the IYBSSD activities will be executed in close collaboration with the Steering Committee, headed by Prof. Michel Spiro, President of the International Union of Pure and Applied Physics (IUPAP). Besides the activities that will be conducted all over the world in all Universities, Research Centres, and Scientific Societies, UNESCO will be organizing series of webinars as well as online forums and workshops, on each of the eight UNESCO International Days related to Science. A tentative timetable showing these activities is presented below.

Continuous monitoring of the attendees, online surveys, and data collection will be conducted all over the year in order to present to the Member States a comprehensive report of the output and the impact at the end of the year.

The expected results of the activities will vary from enhancing the awareness of the importance of basic sciences among youth to increasing the level of collaboration between North-South and South-South countries, to encouraging Private Sector to invest in fundamental research and to support the youth, as well as working closely with the governments to allow technology transfer.

Activities at UNESCO

Event/ Activities	Jun 2022	Jul 2022	Aug 2022	Sep 2022	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	June 2023
Inauguration Event (Hybrid)													
Intentional Youth Day (<i>Online Forum</i>)													
Carlos Finlay Prize Ceremony													
World Science Day for Peace and Development (<i>Online Webinar</i>)													
Mendeleev Prize Ceremony													
World AIDS Day (<i>Online Webinar</i>)													
International Day of Women and Girls in Science (<i>Online Forum</i>)													
World Engineering Day for Sustainable Development (<i>Online Forum</i>)													
International Day of Mathematics (<i>Online Forum</i>)													
International Day of Light (<i>Online Webinar</i>)													
Youth Ambassadors Basic Science Forum (<i>Hybrid OR Online</i>)													