IUPAP Standing Committee on Physics for Sustainability

Following the recommendation of the IUPAP Rejuvenation Task Force, it is proposed that the IUPAP Working Group 21 Physics for Climate Change Action and Sustainable Development be terminated at the end of 2027 and replaced by a Standing Committee Physics for Sustainability which could liaise with Commission C13 Physics for Development under the Vice President for Ethics and Sustainability. This would be in line with the IUPAP declaration at the end of the International Conference on Physics to be held at the time of the IUPAP General Assembly in October 2027. It would also be aligned with the UNESCO International Decade of Sciences for Sustainable Development (IDSSD 2024-2033).

Our Planet and the Humanity are facing a major crisis due to human activities that are clearly unsustainable. Consequently, we need to revisit our way of life, be imaginative and impact oriented to implement solutions which would ameliorate this situation and where physics would play a major role. IUPAP should be a catalytic actor through the Standing Committee on Physics for Sustainability which would stimulate thinking, take appropriate positions and encourage practices in coordination with other Unions and Organizations.