

Future of Earth-Space Sciences and Education (Future ESSE)

The IUGG project will address the future of geosciences, determination of strategic priority areas where the creation of new knowledge would make a significant impact on society. The brainstorming conference will disseminate the knowledge and information on geophysics, geodesy, and other fields of Earth and space sciences, and will be dedicated to Future Earth and sustainability. It will enhance the interface between geosciences community and international organizations and involve geosciences education in developing countries.

Basic science and science education needs to be guided by a long-range vision of the future of the scientific fields. Then geoscientists can advance knowledge in a focused way and real progress can be made. The *principal goal of this joint project* is to analyze and to discuss a vision that could guide research and education in the major fields of geosciences, especially in the developing world. A 5-day conference is considered to be organized at the Abdus Salam International Centre for Theoretical Physics (ICTP).