

Knowing Planet Earth: geoscience awareness across cultures and languages

We propose a global online forum and workshop to raise awareness of the Earth system to aid global sustainability and resilience to the broadest possible public. The project will (1) contribute to the international cooperation in Earth and space sciences by generating a global discussion on the Earth system and its communication; (ii) it will highlight the IUGG Centennial, by holding a highly publicized global on-line forum with an event at UNESCO; (iii) an objective of the project is to introduce a globally understandable framework for the Earth, with an alphabet of geological icons 'Geomojis' and a forum for the multi-lingual expression of geoscience words.

Our strategic objective is to create a global forum on Knowing Planet Earth, that will introduce in a sustainable manner an improved knowledge of the Earth system. This builds on ongoing and already published work on the representation of the Earth system to cross disciplinary and cultural boundaries. These were initiated by the outreach coordination of the International Lithosphere program, taken up by the International Commission for Geoheritage, and underway with two IAVCEI commissions and a consortium of universities and geological surveys. The operational objective is to set up an on-line forum, with a launch set of on-line seminars and discussions, using our joint new communication technology capability, to coincide with the Centenary of the IUGG. A start up event at UNESCO in Paris would consolidate this, and ensure maximum publicity.