

Resolution 1: Reducing the Carbon Foot Print by the Research Community

The International Union of Geodesy and Geophysics

Considering

The clearly established impact of human activity on climate change and biosphere degradation,

Acknowledging

The irreversible consequences of continuing the current trajectory of greenhouse gas emission for the ecosystems of the planet and human societies,

Noting

That the Intergovernmental Panel on Climate Change (IPCC), in its recent special report on the impact of global warming of 1.5°C (IPCC, 2018; <https://www.ipcc.ch/sr15/>),

- Demonstrated the dramatic differences between the consequences of warming of 1.5°C and 2.0°C above pre-industrial levels, and
- Showed that limiting the warming to 1.5°C could be obtained only by strongly reducing carbon dioxide emissions before 2030,

Urges

- IUGG and affiliated Scientific Associations to take carbon foot print criteria into account when choosing the venue of future meetings, and
- The participants of the 27th IUGG General Assembly, research institutions and individual researchers to contribute to an unprecedented effort to evaluate and reduce greenhouse gas emission impact on the environment.

Resolves

The research community, which is well aware of the origins and impact of climate change, should exhibit an exemplary attitude by modifying its professional practices in order to rapidly reduce its carbon footprint.