

Relazione del Delegato Nazionale presso l'International Association of Geomagnetism and Aeronomy sulla Joint Scientific IAGA-IASPEI Assembly (21 – 27 August 2021, INDIA, virtual Conference)

La partecipazione di ricercatori italiani afferenti all'International Association of Geomagnetism and Aeronomy alla Joint Scientific IAGA-IASPEI Assembly è stata nutrita e qualificata. In particolare, diversi italiani hanno svolto, nelle varie divisioni, ruoli di convenors e chairman. Naturalmente, la partecipazione remota ha limitato la consueta possibilità di interazione; tuttavia, i risultati dell'Assemblea, grazie alla buona ed attenta organizzazione, possono certamente essere valutati positivamente.

Per quanto riguarda gli aspetti di carattere generale, sono state introdotte alcune modifiche all'organizzazione interna di divisioni e working groups che sono riportate nel sito IAGA (iaga-aiga.org)

Nel corso dei due meetings dei Delegati Nazionali, la discussione ha riguardato principalmente gli aspetti brevemente riassunti qui di seguito:

- Sono stati approvati i reports del Presidente (Mioara Mandea), del Segretario Generale (Monika Korte), della Commissione Finanze, della Commissione per la 5th IAGA school & GIFT Workshop.
- Si è ascoltata la relazione della Segretaria Generale in merito all'organizzazione della IUGG 28th General Assembly, Berlin, Germany, July 11-20, 2023.
- Si è esaminata attentamente ed approfonditamente discussa la proposta portoghese relativa all'organizzazione della IAGA-IASPEI Assembly 2025 a Lisbona.
- Sono state discusse ed approvate le seguenti resolutions:

Resolution: Historical data rescue

IAGA, considering the need for access to historical data in Earth sciences, and the risk of loss of large volumes of historical data;

Noting that many scientific communities face significant challenges in digitizing historical data, and important historical data have already been irretrievably lost;

Recognising the interdisciplinary consensus that all Earth science data should be accessible to the scientific community;

Urges

the scientific community to identify, digitize, archive and make accessible all Earth science data, and the International Science Council, UNESCO, WMO and other relevant

international bodies to support national authorities in efforts to identify, digitize, archive and make accessible all Earth science data.

Resolution: Polar Cap (PC) index

IAGA, noting that polar cap magnetic activity is not yet described by existing IAGA geomagnetic indices;

Considering that the Polar Cap (PC) index constitutes a quantitative estimate of geomagnetic activity at polar latitudes and serves as a proxy for energy that enters into the magnetosphere during solar wind-magnetosphere coupling;

Emphasising that the usefulness of such an index is dependent on having a continuous data series;

Recognising that the PC index is derived in partnership between the Arctic and Antarctic Research Institute (AARI, Russian Federation) and the National Space Institute, Technical University of Denmark (DTU, Denmark);

Recommends

use of the PC index by the international scientific community, and

Urges

that all possible efforts be made to maintain continuous operation of all geomagnetic observatories contributing to the PC index.

Resolution of thanks

IAGA, noting the successful scientific outcomes, organisation and excellent atmosphere of the IAGA-IASPEI Joint Scientific Assembly, and appreciating the enormous amount of work required to organise this first virtual meeting, which should have been held in physical form in Hyderabad, India,

expresses its deep gratitude to the Local Organisers and the staff in India, in particular our main contact person Kusumita Arora, CSIR-NGRI, Hyderabad, for their hard work and unfailing courtesy, helpfulness, enthusiasm and energy, which have made the Joint Scientific Assembly a great success.

Il Delegato IAGA

Prof. Umberto Villante



L'Aquila, 2/10/2021