

Annual Report for 2018

International Association of Geomagnetism and Aeronomy

1. INTRODUCTION

IAGA, the International Association of Geomagnetism and Aeronomy (AIGA - Association Internationale de Géomagnétisme et d'Aéronomie) is one of the eight Associations of the International Union of Geodesy and Geophysics (IUGG). It is a non-governmental body funded through the subscriptions paid to IUGG by its Member Countries. IAGA has a long history and can trace its origins to the Commission for Terrestrial Magnetism and Atmospheric Electricity, part of the International Meteorological Organisation, which was established in 1873.

IAGA is the premier international scientific association promoting the study of terrestrial and planetary magnetism, and space physics. IAGA is concerned with the understanding and knowledge that result from studies of the magnetic and electrical properties of:

- ⊖ the Earth's core, mantle and crust
- ⊖ the middle and upper atmosphere
- ⊖ the ionosphere and the magnetosphere
- ⊖ the Sun, the solar wind, the planets and interplanetary bodies.

2. ADMINISTRATION

Since 2015, IAGA is organised in six Divisions and four Inter-divisional Commissions, each led by a Chair and a Co-Chair. Each Division may form Working Groups in given specialised topics and elects officers to run the business of the Working Groups. During the XXVI IUGG General Assembly in Prague (2015), IAGA renewed its officers. The links below lead directly to lists of the Division/Inter-divisional Commission leadership and the Working Group names and officers:

<http://www.iaga-aiga.org/about/>

IAGA is administered by an Executive Committee on behalf of IUGG Member Countries in accordance with the Association's Statutes and By-Laws. The current Executive Committee members are:

President: Eduard Petrovsky (Czech Republic)

Vice-President: Monika Korte (Germany)

Secretary General: Mioara Manda (France)

Members: Inez Batista (Brazil), Archana Bhattacharyya (India), Brian J. Fraser (Australia), Pieter Kotze (South Africa), Renata Lukianova (Russia), Alan Thomson (UK), and Andrew Yau (Canada).

IAGA communicates with Member Countries through National Correspondents nominated by appropriate national bodies. Member Countries are represented at IAGA Assemblies by

accredited Chief Delegates who may vote on matters, according to the voting rules set out in the Statutes and By-Laws, at meetings of the Conference of Delegates. Information on the EC members and National Correspondents are found at: <http://www.iaga-aiga.org/about/>

3. ACTIVITIES

Sponsored Topical Meetings

IAGA sponsored several topical meeting during 2018. The main achievements are published in the last IAGA newsletters. The list of meetings are provided:

14-18 May	10th workshop on “Long-Term Changes and Trends in the Atmosphere”	Anhui, China	Jia Yue
2-6 July	7th Vertical Coupling Atmosphere-Ionosphere System	Potsdam, Germany	Koucká Knížová
24-29 June	18th Workshop on Geomagnetic Observatory (summer school)	Muggendorf, Austria	Roman Leonhard
19-23 March	8th workshop of the VLF/ELF RS of Iono Magnetosphere (VERSIM)	Apatity, Russia	Boris Kozelov
12-19 August	24th Electromagnetic Induction	Helsingør, Denmark	Stephan Thiel
18 - 24 Feb	IAU Symposium 340 - long term datasets	Jaipur, India	Dipankar Banerjee
10-16 June	16th Paleo, Rock and Environmental Geology	Chebczyn, Poland	Tomasz Werner
28 May - 8 June	Coronal and Interplanetary Shocks: Data Analysis from SOHO, Wind, and e-CALLISTO Data	Mekelle, Ethiopia	Gebregiorgis Abraha
22 -26 October	15th ISEA International Symposium on Equatorial Aeronomy	Ahmedabad, India	Duggirala Pallamraju
9-13 July 9 - 13	SCOSTEP 14th Quadrennial Solar-Terrestrial Physics Symposium	Toronto, Canada	Marianna Shepherd
24-28 Sept	16th HAC Hvar Astrophysical	Zagreb, Croatia	Domagoj Ruzdjak

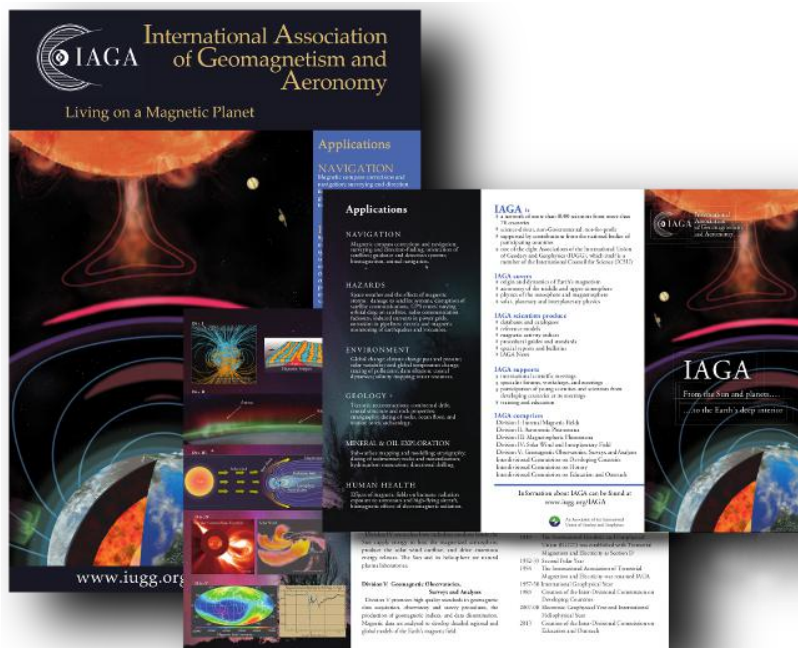
Publications

IAGA Newsletters 55

The last issue of IAGA Newsletters was distributed. It can be downloaded from the IAGA web site www.iugg.org/IAGA.

IAGA Flyer and Poster

The version of the IAGA flyer is also available.



4. FUTURE ACTIVITIES

2019 seems to be a successful and productive year for IAGA. The IUGG General Assembly programme is looking strong, varied and inviting.

The IUGG General Assembly in Montreal will give us the opportunity to celebrate the 100th anniversary of international cooperation in Earth and Space sciences. In addition to the IUGG Assembly, some other activities are planned. The most important will be the book “Geomagnetism, Aeronomy and Space Weather: A Journey from the Earth’s Core to the Sun” (edited by Mioara Mandea, Monika Korte, Andrew Yau and Eduard Petrovský), to be published by the Cambridge University Press. This book includes contributions by top world researchers in geomagnetism, aeronomy and space weather. To celebrate the centenary, a paper will be published in HGSS (“Major role of IAGA in Understanding our Magnetic Planet” by Mioara Mandea and Eduard Petrovský).

During 2019 IAGA will be involved in organising a few topical meetings.

Mioara MANDEA
IAGA Secretary General