

Minutes of the Business Meeting of IAGA WG V-OBS

Montreal, Canada, July 13, 2019

Agenda

1. Welcome and Agenda Approval
2. Report on the XVIIIth Observatory Workshop and Summer School held at the Conrad Observatory near Vienna, Austria, on June 21 to 29, 2018
3. Information about the XIXth Observatory Workshop to be held at the Observatory Kazan, Russia, on July 6 to 12, 2020
4. Report from WG Chair & Co-Chair
5. News from INTERMAGNET
6. Information and Vote about the XXth Observatory Workshop
7. Resolutions
8. Sessions Proposals for IAGA 2021, Hyderabad, India
9. Election of WG Chair and Co-Chair
10. AOB

1. Welcome and Agenda Approval

WG Chair Arnaud Chulliat welcomed the participants and presented the agenda. The agenda was unanimously approved.

2. Report on the XVIIIth Observatory Workshop including summer school held at the Conrad Observatory near Vienna, Austria, on June 21 to 29, 2018

Roman Leonhardt reported on the workshop, which was attended by 110 participants from 36 countries. 39 talks and 35 posters were presented. A total of 123 DI-measurements by 32 observers were made and the observers were informed through individual reports about their results. The summer school lasted from June 21st to June 24th and Alan Berarducci, Tim White and Chris Turbitt gave courses on geomagnetic observatory activities for 23 participants. Workshop proceedings are published partly in the CobsJournal (<http://www.conrad-observatory.at/zamg/index.php/downloads-en/category/5-cobsjournal>) and partly in a special issue of the peer-reviewed journal Studia Geophysica et Geodetica. A more detailed report is available at http://www.iaga-aiga.org/data/uploads/pdf/newsletter/iaganews_55.pdf. More information on the workshop can also be found at <https://cobs.zamg.ac.at/iaga2018/>. A MagNetE meeting and an INTERMAGNET were co-hosted.

3. Information about the XIXth Observatory Workshop to be held at the Observatory Kazan, Russia, on July 6 to 12, 2020

Anatoly Soloviev provided the following information about the upcoming workshop:

- The workshop is planned for July 6 to 12, 2020, and will be hosted by Kazan Federal University
- Additional pillars were constructed and meeting rooms were booked.
- The INTERMAGNET meeting will be co-hosted.
- A Summer School is planned.

4. Report from WG Chair and Co-Chair

Main activities since the 2017 Business Meeting (BM) in Cape Town:

- The XVIIIth IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition and Processing was successfully held at Conrad Observatory close to Vienna, Austria, on June 21 to 29, 2018. It was hosted by ZAMG; see this report and IAGA News No. 55 (December 2018, page 12).
- Preparations for the XIXth IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition and Processing hosted by Kazan Federal University are on the way, see this report.
- A call for proposals to host the XXth workshop was issued in November 2018 and re-issued in April 2019, with the intention that the winning bid be selected by the participants of this BM. A proposal by Katia Pinheiro from Observatório Nacional, Brazil, was received (see below).
- The list of observatories and IAGA codes is available as a Google Fusion Table on the WG website, <https://www.bgs.ac.uk/iaga/vobs/>. We thank the British Geological Survey for their continuous support of the WG website, and Susan Macmillan for updating the Fusion Table. The list might be migrated to another technology in the future. Emails will be sent out regularly (e.g. annually) in the future to ask the community about the status of their observatories.
 - 87 observatories have “Uncertain” status; please let us know if you have information on them.
 - WG V-DAT and ISGI requested to add a new field to the list that shall contain the K=9 lower limit. WG V-OBS, in cooperation with WG V-DAT and ISGI, will enable such a possibility in the future.
- Status of observatories - new IAGA codes:
 - Santa Elena, SEL (status preliminary, code obtained February 2018)
 - Odessa 2, ODE (status preliminary, code obtained 2018)
 - White Sea, WSE (status preliminary, code obtained January 2019)
 - Edea, EDA (status preliminary, code obtained April 2019)
 - Gyulagarak, GLK (status preliminary, code obtained June 2019)
 - Observatories that have “Preliminary” status, please consider submitting your data to a WDC and/or applying for INTERMAGNET membership, so that the observatory status can be changed to “Open”.

5. News from INTERMAGNET

Simon Flower, Chairman of the INTERMAGNET operations committee, gave a report on INTERMAGNET activities:

- Aims of INTERMAGNET
- New metadata system will provide better integration of geomagnetic observatory data sets into broader data systems, will need support by users to keep information up-to-date
- 1-second data requirements
- Successful introduction of quasi-definitive (QD) data
- New default license of INTERMAGNET data is CC-BY-NC 4.0, some institutes might have less restrictive licenses.
- DOI introduced for 2013 definitive data DVD. For 2014 definitive data the last DVD was published and for 2015 a USB is published with all definitive data from 1991 to 2015 (25 years).
- From 2016 onwards, definitive data will only be published online in the form of a INTERMAGNET Reference Data Set (IRDS).

6. Information and Vote about the XXth Observatory Workshop

A proposal to host the workshop by Observatório Nacional was presented by Gabriel B. Soares on behalf of Katia Pinheiro (Observatório Nacional, Rio de Janeiro, Brazil). The following information was provided:

- The workshop will be hosted at Vassouras magnetic observatory (tentative date: September 12 to 16, 2020), while an additional summer school, with a focus on equatorial geomagnetic observatory work, will be hosted at Tatuoca magnetic observatory (tentative date: September 9 to 11, 2020).
- Vassouras is close to Rio de Janeiro. Tatuoca is close to Belem in the state of Para.
- Registration fee (except accommodation) approx. 500 EUR

The Vassouras/Tatuoca proposal was selected by unanimous vote.

7. Resolution Proposals

No resolution proposal was brought forward to the WG

8. Sessions Proposals for IAGA 2021, Hyderabad, India

- Geomagnetic observatories: Current developments and integration of ground and space based data (A. Morschhauser, K. Arora)
- Planetary magnetic fields and secular variation (with V-MOD, Div. I) (Ch. Finlay, I. Wardinski, NN)
- Geomagnetic observations for space science, space weather and space climate applications (with V-DAT and/or Div. IV) (Pierdavide Coisson, Miquel Torta)

(The proposed titles and conveners were later modified during the Division V business meeting.)

9. Election of WG Chair and Co-Chair

Jürgen Matzka was elected Chair of the working group for the next four years (until the end of the next General Assembly of IUGG in 2023). Katia Pinheiro (Observatório Nacional, Brazil) and Anatoly Soloviev (Geophysical Center of the Russian Academy of Sciences) kindly agreed to be candidate for the working group Co-Chair and Katia Pinheiro was elected as working group Co-Chair.

10. AOB

The delegates thanked Arnaud Chulliat for his service as Chair of the working group. Arnaud Chulliat thanked the participants for attending.