

IAGA DIVISION-V DESCRIPTION

Name: Division V: Geomagnetic Observatories, Surveys and Analyses

Chair (2003-2007): Toshihiko Iyemori , Japan,
iyemori@kugi.kyoto-u.ac.jp

Co-chair (2003-2007): Mioara Mandea, Germany, mioara@gfz-
potsdam.de

Role: The main objective of the IAGA Division V is to promote appropriate standardization of geomagnetic data acquisition systems, observational and survey programs, geomagnetic indices, data dissemination and analyses, and geomagnetic models at global and regional scales.

Modus operandii: The Division conducts its business through three Working Groups (see below), scientific symposium and business meetings at Assemblies of IAGA and IUGG, IAGA workshops, and through the web sites of Div-V and each WGs.

Working Group V-OBS: Geomagnetic Observation

Chair (2003-2007): Hans-Joachim Linthe Germany linthe@gfz-
potsdam.de

Co-chair (2003-2007): Pieter Kotze South Africa
pkotze@hmo.ac.za

Areas of interest: Geomagnetic observation

Special activities

E Standardization of geomagnetic observation

E Cooperation with INTERMAGNET

E Support geomagnetic observatory activities

E Instrumentation pool

E IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition and Processing

Working Group V-DAT: Geomagnetic Data and Indices

Chair (2003-2007): Alan W.P. Thomson United Kingdom awpt@bgs.ac.uk

Co-chair (2003-2007): Mita Rajaram India
mita@iigs.iigm.res.in

Areas on interest: Geomagnetic data collection (land, Sea and Satellite) and services, geomagnetic indices, and interaction with World Data Centres

Special activities

E Data exchange format

E Task force on Polar Cap index

E Task force for an assessment or determination of users needs

E cooperation with ISGI

Working Group V-MOD: Geomagnetic field modeling

Chair (2003-2007): Susan Macmillan United Kingdom smac@bgs.ac.uk

Co-chair (2003-2007): Stefan Maus Germany sma@gfz-potsdam.de

Areas on interest: To model and analyze the internal geomagnetic field and its secular variation on both global and regional scales.

Special activities

E Support global and regional data collection efforts by magnetic survey satellites, repeat stations and observatories

- E Determine and disseminate the International Geomagnetic Reference Field (IGRF)
- E Task force for the world digital magnetic anomaly map project