



Milestones of IKFIA and STEL/ISWI/ICSWE cooperation



IKFIA collaborates in international projects:

- 210° magnetic meridian network project (1991-1995);
- CPMN - Circum-pan Pacific Magnetometer Network (1996-2005);
- MAGDAS (2006-present time)

Installation of MAGDAS-9 magnetometers was started in Yakutia since autumn 2011:

Yakutsk (YAK, Aug.2011);

Zhigansk (ZGN, Aug.2011);

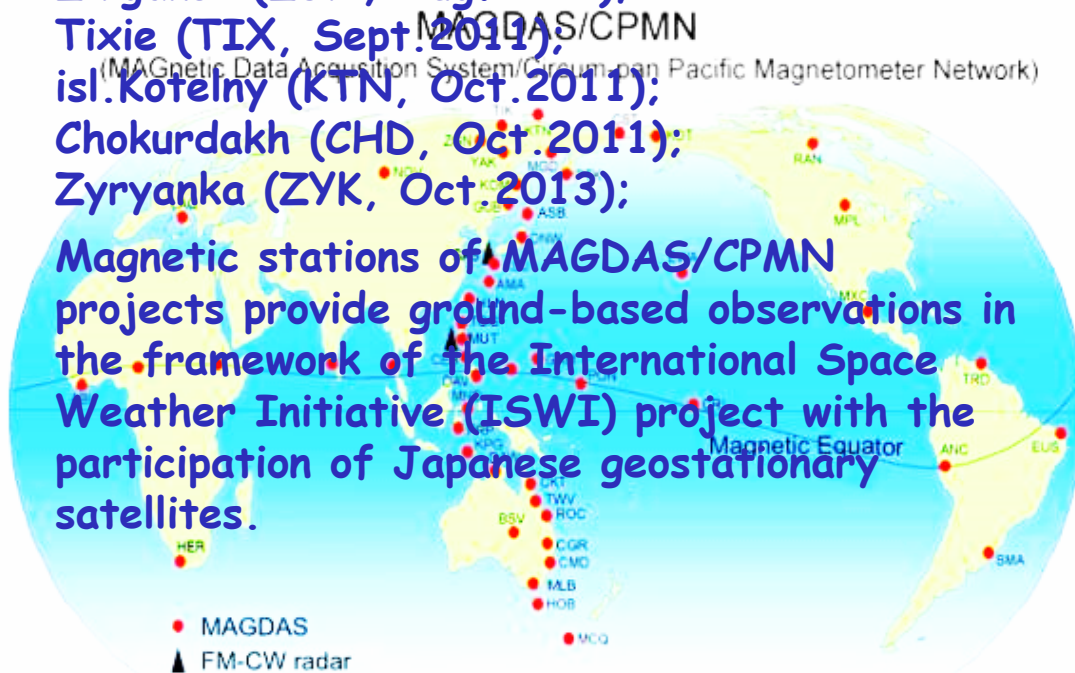
Tixie (TIX, Sept.2011);

isl.Kotelny (KTN, Oct.2011);

Chokurdakh (CHD, Oct.2011);

Zyryanka (ZYK, Oct.2013);

Magnetic stations of MAGDAS/CPMN projects provide ground-based observations in the framework of the International Space Weather Initiative (ISWI) project with the participation of Japanese geostationary satellites.



Prof. K.Yumoto, Prof. E.Berezhko (Director, right) and Prof. S.Solovyev in January 2005.



Installation of MAGDAS-9 and DCR-3 magnetometers at ZYK in October 2013.

- In 1932 magnetic station was founded in Yakutsk.
- Since 1964 magnetic observatory situated at present location ~10 km to the south from Yakutsk.



- In 2008 observatory was equipped by modern instruments in the frames of cooperation between IKFIA and GFZ (Potsdam, Germany)



MAGDAS-9 magnetometer at YAK

- Since 2011 observatory is a member of MAGDAS international project

Measurements:

- (i) Magnetic variations measurements;
- (ii) Absolute measurements of Earth magnetism elements: X, Y, Z, H, D, I, F;
- (iii) Continuous registration of magnetic pulsations in different frequency ranges.

