# Real-Time database for high resolution Neutron Monitor measurements and the role of standards



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### Consortium members



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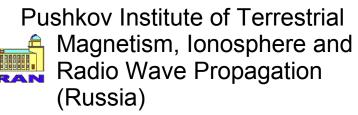
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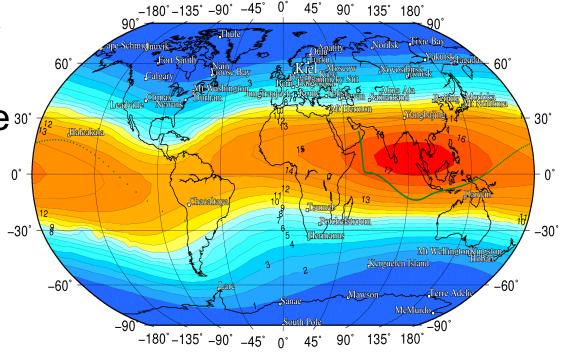
Israel Cosmic Ray and Space Weather Center (Israel)

Contributing data:

Mexico City, South Africa, Univ. of New Hampshire (?)

# Project objectives

- Easier access to NM data
  - Common format
  - Central server
  - Sample software 30°
  - Real-time
- Applications
- Training & public outreach





## Work plan outline

- Database (prototype available early)
- Upload & download routines
- Improve measurement setup
  - E.g. electronics guidelines
- Application development
  - E.g. real-time warnings
- E-learning tools + training course



### Standards related work

- International Virtual Observatory Alliance (IVOA)
  - e.g. common metadata structure
- Contacts with Virtual Cosmic Ray Observatory (ViCRO)
  - e.g. common interfaces

