

EMSEV - Bishkek Russian Academy of Science Cooperation

<http://www.emsev-iugg.org/emsev/> and <http://www.gdirc.ru/en/>



Workshop on



Fundamental problems on the earthquake generation processes and the way to monitor them for hazard mitigation

March 25 - 29, 2014, Toulouse (France)

Background

In 2011, IUGG Inter-Association EMSEV and Bishkek RAS station began a cooperative research program in Kyrgyzstan where some outstanding research on the relations between EM phenomena and electrical resistivity changes with earthquakes has been conducted during the last 30 years. In November 2011, teams from Japan, France and Greece visited Bishkek Research station. A meeting was held in which a synthesis of the past results was made and a four-year agreement of cooperation was signed (<http://www.emsev-iugg.org/emsev/page016.html>, and <http://www.gdirc.ru/en/index.php?limitstart=8>). Furthermore, Japanese and French passive EM recorders were installed at new field sites, 40 and 30 km away from the current system used by Kyrgyz colleagues.

Scope of the Workshop

The main objectives of the workshop are:

- To cross-correlate the observations made during the period 2012-2013
- To highlight signals possibly related to tectonic activity, in particular, to check if VAN'S SES and /or underground electric conductivity changes before earthquakes were observed
- To evaluate the triggering effects of electric current injection and magnetic storms
- To discuss about future cooperation on theoretical study and field experiments

Location

Participants will be welcome in Toulouse. No registration fee is required.

Local expenses will be defrayed by participants.

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Organisation

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