

The Center for Collective Use "Integrated Geodynamic Research" (CCU IGR) on the basis of the RS RAS was created on April 2017.

Center for Collective Use of IGR conducts researches in the field of seismology, space geodesy, magneto-telluric sounding. Appropriate equipment is available for these studies. The telemetry system for the collection and processing of seismic data KNET operates in real time. There is a network of 10 permanent GPS stations, including 2 stations of the International GNSS Service (IGS) international network. Data is collecting via Internet channels, radio modems, telephone modems. Geophysical surveys are being carried out on the territory of the Central Asian GPS network. The base organization carries out precision GPS, linear angle and leveling measurements.

The Center for Collective Use of IGR offers access to the database of the magneto-telluric sounding, to seismological databases, to a continuous stream of seismological data in real time, to raw GPS data in real time, to daily raw GPS data, to data of long-term GPS measurements in Central Asia and Kazakhstan.

The Center for Collective Use of the IGR participates in the activities monitoring, reflecting its results on the <http://ckp-rf.ru/auth/> website in accordance with the instructions of the Ministry of Education and Science of Russia. There are 628 registered centers for various purposes in Russia now. Annual competition for users and CCU support money is fierce.

On 2021 year 13 scientific works were published and 1 dissertation of the candidate of geological and mineralogical sciences was defended based on the use of the equipment of the Center for Collective Use of IGR.

On 2021 the CCU IGR had 3 external users. Data of KNET was transmitted to the Ministry of Defense Special Control Service of the Russian Federation, Dubna city and the Institute for Seismology of the National Academy of Sciences of the Kyrgyz Republic. GPS data was transmitted to the University NAVSTAR Consortium (UNAVCO), Boulder.

Results of the functioning of CCU of IGR in 2021

Written by Administrator

Friday, 01 April 2022 09:46 - Last Updated Friday, 01 April 2022 09:53

The leader of the Center

for Collective Use IGR

Dudinskih R.