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Ukrainian part of IGMASS-project: current state

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Accordingly to the decision of the Council of CIS’s Heads of Governments on 31-th of May 2013 IGMASS project was included in the list of pilot interstate innovation projects among Interstate program of innovation in cooperation of states - participants of CIS for the period up to 2020.

IGMASS system created in the aim of support decision-making in emergency situations of natural and man-made disasters , reducing their impact on the population and the economy of Ukraine and neighboring countries.

Accordingly, the decision of the Ukrainian segment of IGMASS shall consist of the following major subsystems [1]:

seismological monitoring;

monitoring of fire, drought, critical movements of dangerous goods and flood control facilities [2, 3, 4, 5];

ensuring interoperability and interaction with segments of IGMASS of other participating countries .

In addition to monitoring tasks Ukrainian segment of IGMASS-system must provide a risk assessment of disasters in real time mode.

Currently a model of geoportal supporting services on fire and flood monitoring, seismological monitoring and drought prediction is created (Fig. 1). This service was created accordingly to OGC-standart (such as Web Map Service and KML) on a basis of QGIS Mapserver (cweb-client for GIS system with open source).



Fig. 1 Geoportalsite

In the presentation the current state of IGMASS-project development will be described in details.

References

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