

Press Release

Under the auspices of the Shota Rustaveli National Science Foundation of Georgia's Grant Project „Elastic mudflow regulating barrage“ #AR-18-1244, from May 31 to June 4, 2023, an International Conference entitled “Debris Flows: Risk, Prediction, Safety” was held in the City Hall of Dusheti Municipality. Scientists and Experts from Georgia, Azerbaijan, Lithuania, Poland, Slovakia and Uzbekistan took part in the mentioned international event.

The conference was opened and the main report was made by Givi Gavardashvili, Director of the Tsotne Mirtskhulava Water Management Institute of Georgian Technical University, Doctor of Technical Sciences, Academician of the Georgian National Academy of Science, Coordinator of the Grant Project. Four Academic Doctors, including: Mrs. Khatuna Kiknadze, Mrs. Lia Maisaia, Mrs. Ketevan Dadiani and Mrs. Nana Beraia, who defended their Dissertations on the topic of the Grant Project, have presented their reports as well. Mr. Aleksandre Tsakadze, the constructor of the working project of the Grant No. AR-18-1244, also gave a speech at the conference.

Foreign scientists and specialists also presented their reports at the conference, including:

1. Farda Imanov – Doctor of Geographical Sciences, Professor, Vice Rector of the Baku State University (Azerbaijan, Baku);

2. Jerzy Jeznach - Doctor of Technical Sciences, Professor, Warsaw University of Life Sciences (Poland, Warsaw);

3. Lubos Jurik - Doctor of Technical Sciences, Professor, Institute of Landscape Engineering of the Slovak Agrarian University (Slovakia, Nitra);

4. Irma Spudyte - Academic Doctor of Social Sciences, Professor, Faculty of Technology, Kaunas University of Applied Science (Lithuania, Kaunas);

5. Aibek Ariphjanov - Doctor of Technical Sciences, Professor, Tashkent Irrigation and Agricultural Mechanization Engineering Institute (Uzbekistan, Tashkent).

On the second day of the conference, a professional excursion took place in the catchment basin of Tetri Aragvi River. In the center of attention was the Debris Flow Regulation Elastic Barrage, which was built under the financial support of the Grant Project AR-18-1244 in the territory of Kvemo Mleta village of Dusheti municipality, within the water catchment basin of the Mletiskhevi River.

It should be noted that in May 2023, as a result of intense rains, a debris flow of medium power was formed in the bed of the Mletishkevi River, which dynamically affected the Debris Flow Control Elastic Barrage, but it is still in operating condition.

The obtained result indicates the reliability of the innovative construction developed under the supervision of the Head of the Grant Project, Doctor of Technical Sciences, Professor Eduard Kukhalashvili, and the Project Coordinator, Academician Givi Gavardashvili, and the practically correct solution to the risk management of debris flow.