Recent intensive engineering-agricultural activities(roads withdrawal, natural processes to develop risky areas, construction of hydropower stations, relief antropogenization) an natural conditions in Kazbegi municipality have causedoutward dynamic processes, including mudflow activation, accompanied by significant material damage every year and sometimes human deaths. On the basis of the information regarding with the region, it is clear, that mudflow has activated in the zones which were more or less stable in previous years. Therefore, it is very important to study and estimate outward dynamic processes, since there have not been made any observations for the last 15-20 years.