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Assessment of the condition of Enguri High Dam in Georgia: the organisation of geodynamic monitoring

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In order to assess the reaction Enguri Dam nearby fault systems a monitoring system to study the seismicity and geodynamic situation has been set-up in recent years. To monitor the development of geodynamic processes, boreholes in the vicinity of the dam have been logged, intensively and permanent water level, temperature and conductivity monitoring was installed and where those parameters observations started to provide information about the stress field variation. The EGU presentation will introduce the different monitoring systems and present first results of data analysis. It also will show how repeated monitoring in boreholes can provide insight in the system stability.