

Auto-radon – a system for continuous monitoring of radon in groundwater

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Studies in various countries have given strong indication that changes in the concentration of radon in groundwater may be an earthquake precursor. A compact, simple and sensitive measuring system has been developed at Science Institute for automatic continuous monitoring radon in groundwater. It is based on a liquid scintillation detector and is operated in geothermal pumping stations. The results of each 6 h counting period is stored on a diskette, which is sent by post every second week to Science Institute. The system has been operated successfully for more than a year.