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APPLICATION OF RADIO MONITORING SYSTEMS IN DEVELOPMENT REGIONS OF DANGEROUS NATURAL GEOLOGICAL PROCESSES CAUSED BY EARTHQUAKE

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ABSTRACT

This article is devoted to the development of a method of monitoring and monitoring the state of mountain layers in areas where landslides can occur - a dangerous natural geological process based on integrated sensors of optical fiber communication. The main cause of landslides in the territory of the Republic of Uzbekistan is also related to hydrometeorological conditions. Therefore, this process is seasonal, ie the higher the atmospheric precipitation, the higher the risk of landslides. Landslides in Uzbekistan are most common in Surkhandarya, Kashkadarya, Tashkent, Fergana, Samarkand and Namangan regions.

KEYWORDS: *Avalanche, Security, Optical fiber, Technological process, Optical fiber sensor.*

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