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Urban geophysics

Slepak Z.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The paper describes a new geophysical technique to be used under modern urban conditions. Time variations in physical fields allow the study of the impact of active geological processes on buildings and structures to proactively prevent their possible consequences. Some engineering and geological applications successfully implemented in the historic centre of Kazan are reviewed. © 2010, European Association of Geoscientists and Engineers.
