

REVERSE ELECTRODE EFFECT: CALCULATIONS AND EXPERIMENTS

V.N. Shuleikin

Oil and Gas Research Institute, Russian Academy of Sciences, Moscow, Russia

Abstract. Results of calculations and experimental studies of the reverse electrode effect are presented. It is revealed that the effect is observed before seismic events and during aseismic periods under conditions of high level in soil radon emission. A conclusion is made that the cause of the reverse electrode effect can be negative volume charge of light and heavy ions.

Keywords: atmospheric electricity, reverse electrode effect, radon, transfer, ground, atmosphere.