

Kuraieva I.V. **Ecological and geochemical features of technogenic pollution of the soils.** Mineral composition and physicochemical properties of soil were investigated by studying the literature and our own experimental materials. Also were identified content of total and mobile forms of heavy metals in contaminated soils and established their forms of finding. Peculiarities of migration in the soil-solution and indicators of potential buffering capacity were studied. This information allows to perform an objective assessment of the ecological and geochemical condition of technologically contaminated soils.

Key words: heavy metals, soil, forms of finding, mobile forms, potential buffering capacity.