

Voitiuk Iu.Iu., Kuraieva I.V., Manichev V.I., Karmazinenko S.P. **Environmental and geochemical researches of soils of Mariupol.** Ecological and geochemical studies of soils of Mariupol were conducted. Regularities of the lateral distribution of heavy metals using the eco-geochemical mapping of the study area were established. Assessment of soil on total pollution index was given.

Key words: soil, heavy metals, lateral distribution.