

## **Anthropogenic impact on soil and its monitoring methodology**

**Gela Sandodze**

Email: [gela.sandodze742@ens.tsu.edu.ge](mailto:gela.sandodze742@ens.tsu.edu.ge)

Department of Geography, Faculty of Exact and Natural Sciences,

Ivane Javakhishvili Tbilisi State University

The article examines the forms of anthropogenic impact on the soil as one of the most important elements of the geographic environment. For example, Ambrolauri (Uravi) and Lentekhi (Tsana) were taken, since there were enterprises for the production of arsenic, which are currently considered a zone of historical waste pollution. The soil types of the studied territories are also characterized.

The principles of monitoring are discussed as one of the important methods. The monitoring results showed that there is an excess of arsenic in the soil, which certainly deserves attention and requires scientific analysis so as not to pollute the geographic environment, and most importantly, not to endanger human health. The document also discusses the field work carried out in September 2020 and May 2021 this year, when soil sampling was carried out in these areas with my direct participation. As for the results, they will become known in the near future in connection with the situation in the country.