

The Geoecological Assessment of Zugdidi Municipality Terrain

Elene Tsertsvadze

E-mail: Cercvadzeelene960@gmail.com

Department of Geography, Faculty of Exact and Natural Sciences

Ivane Javakhishvili Tbilisi State University

3 I. Chavchavadze Ave, Tbilisi, 0179, Georgia

Recently, Due to the use of natural areas and rapid urbanization, particularly in the second half of the 20th century, the natural environment has undergone a transformation, which has been reflected in our environmental conditions regularly. Anthropogenic impact, geodynamics, climate, and geoecology play a significant role in forming environmental conditions. The protection of the population from the catastrophic effects of nature, the safe operation of facilities, and the preservation of the ecological state of the environment have become major socioeconomic, ecological, and demographic issues. Since anthropogenic transformation is constantly changing and increasing, geological complications in this region have reached a critical stage.

The master's thesis focuses on the municipality of Zugdidi, which is defined by its unique geomorphological, geoecological, geological, and climatic conditions, changes, and diversity. There has been considerable anthropogenic impact on the territory of the municipality in the last decade, which has altered and accelerated a range of processes or events, which is a clear example of how nature has been impacted.