



**SPATIAL ANALYSIS OF DATA ON THE BASIS OF THE DIGITAL MODEL OF
RELIEF AND LOCALITY (EXAMPLE OF SHEMAKHA, AKHSU AND ISMAYILLI
DISTRICTS)**

Dr. Prof. Z. H. ALIYEV

Institute of Soil Science and Agrochemistry of NAS of Azerbaijan, Az 1073. Baku.str. M.
Raqima 5

E Mail: zakirakademik@mail.ru

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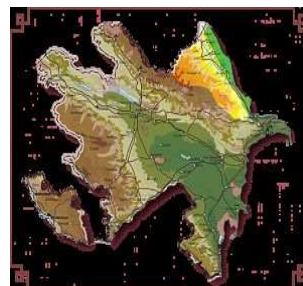
ABSTRACT

Annotation: The article examines the issues of studying the degree of susceptibility of sloping lands in Azerbaijan in the example of specific administrative-territorial units, flat areas with a slope of up to 6% (about 3.50) are concentrated in Akhsu district - 71%, and in Shemakha - almost 49%. The steepest slopes are observed in the Ismaili region, where almost 26% of the territory has a slope of 10-18%, 30% of its area slope is 18%.

Keywords: sloping slopes, arable lands, a layer, a database, a gradient class, soil, forests, pastures, geese, cartographic materials

INTRODUCTION

Spatial analysis includes operations performed on geographic data using available methods and techniques in GIS software, with a view to describing the relationships between elements of the geographical environment. The analysis can be carried out on the data, both in the vector and raster systems, and touch the geometry and attributes of the vector data.



Search for information in the database

The main operation that can be performed based on the GIS database is information retrieval. This database has a