Title	**Analysis of the geomorphological characteristics of the eastern slopes of EL- Galala EL- Bahariya Plateau and the impact of human activities on them**		
The name	Ahmed Mohamed Abou Raiah		
Place of publication and date	Cairo, Egypt 2018	**publishers**	Journal of Institute D' Egypt.

Geomorphological characteristics in general and the slope of the surface in particular are natural determinants of many human activities in topographic areas, such as the construction of roads and urban communities, as well as the axes and trends of urban growths, and steep slopes are a clear natural barrier to the paving of the surface to roads of various kinds, or horizontal establish urbanization.

Perhaps the clearest examples of this are the unplanned urban growth above the surface of the Al-Mokattam Plateau and the resulting geomorphological and environmental problems, such as the collapse of the edges of the plateau, the fall of the plateau, the fall of the surface, and the rise of the internal water level, in addition to its pollution as a result of increased human uses, which have disrupted the environmental balance of the Al-Mokattam Plateau.

The study area is characterized by the diversity of geological formations ranging in age from the carbon rocks to the sediments of Pleistocene. The faults and joints form the main characteristic of the structure of the area.

Through studying the morphometric and hydrological characteristics of the studied basins, the risk rates of these basins were determined using the Shamy model. The steep, very steep and vertical slopes accounted for about 56.37% of the total length of the slopes in the study area.

The study area is a model for human intervention and topography modification of the surface whether by construction of roads or the construction of urban complexes or tourism facilities that have introduced new vocabulary within the environment of this area. Some solutions have been developed to reduce the dangers of human activities.

Key words: EL- Galala Mountain, Eastern Slopes, Geomorphology, Human Activities, Suez gulf

Tables	pictures	Figures and maps	pages
7	**4**	**10**	**165: 241 76 page**
Foreign references	**Arabic references**	**Appendices**	
22	**17**	**4**	