

Study Of Geomorphologic Forms and processes In KHALKAEI Catchment

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Geomorphology is one of the most important issues in river engineering science that studies The geometric shape, the substrate form, Longitudinal profile of the waterway, the cross sections, the deformations and the river change over time. Investigating the geometric flow patterns of rivers in order to obtain accurate knowledge and investigate possible problems and risks in order to maintain and optimize the use of natural resources and its One of the priorities of geomorphological studies. In this case, the purpose of this study is to study the geomorphological forms and processes in the Khalkaei River catchment (Masal). This river, which originates Shah Mauleh Highlands, is very important due to the favorable conditions of agriculture and agriculture. This research was conducted using descriptive-analytical method. In-person observations, interviews, preparation of different maps and extraction of statistics in the catchment. The results showed that the river has different types of geomorphologic forms, including waterfalls, turbulence, chilling, inter-channel barriers, flood plains and so on. Some of these forms are exacerbated by human intervention and have provided a platform for the occurrence of dangers.

Keywords : Keywords: Geomorphology, River, catchment, Khalkaei

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