

Flood creation and erosion on the river pasikhan in the last thirty years the rural residential district in jirdeh

zahra omidi*,

Introduction Today, floods are known as a natural disaster around the world, which often causes financial and human losses in countries and people this natural phenomenon are mentioned as a negative factor. This phenomenon can be considered several perspectives. One of the things that occur in the aftermath of this phenomenon is the problem of the loss of large quantities of soil and its so-called erosion, which is usually less attention of authorities and people. In recent decades, it has caused a lot of human and financial losses in the world. Obviously, one of the most important factors in the rise of such dangers in the twentieth century has been the overreaching of human to natural resources and land use change. The subject of the thesis is the study of flood erosion and erosion of the recent year in the river Psikhan which is one of the rivers in the province of Guilan and a case study about 1 km of the river Jirdeh district of the city of Shafta. This river is the sub-basins of the river Psikhan. The village of Jirdeh Has a common border north and northwest to the villages of Kouzan, Berzohandan and Takarm , the south and southwest to the villages of Nasseran and Bialova, the west to the villages of Khumiran and Chusar , And the east to the village of Aghasied Sharif and Saghaleksar. Distance Jirdeh to the city center is 7 km, up to the center of the section: 7 km and as the center of the village with a penetration of service and solid. The nearest point of the city to the village is 7 km. In this thesis, using field studies and local queries and using empirical methods, available library information, statistical analysis of the effects of geology, climate, topography, slope, geomorphology and vegetation and development activities in The connection with flood and erosion of the Jirdeh river basin has been studied and among the various natural factors that make the river basin an unstable or it has caused stability and equilibrium of its location , It is possible to point out the processes of flood formation in the region. Key words : Psikhan river basin , flood ,

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