

## *Abstract:*

*The existence of hundreds of hills and archaeological enclosures belonging to different cultural ages, at inter-cultural field of Halil-Rud, is a sign of richness and abundance of this cultural field of the country. one of the most important case of these ages is chalcolithic since the foundations of the great bronze age have been formed in this age. the goal of this research is to recognize the cultural sequence of chalcolithic and realizing the effective factors on the settlements of this age. considering these goals, questions about the quality of settlement patterns, the kinds of settlements, the kinds of potteries,... were raised according which hypotheses were proposed. A typical hypothesis is that the settlements of this age are mainly located by the ecosystem resources and the life style of people had been based on migrational courses and cattle-breeding. GIS maps were used to analyse how the settlements were scattered in the ecosystem of the region and factors like the height to the sea-level and the percentage of the earth's slope were examined. 21 out of 29 chalcolithic enclosures of Rabor Qad-Rudkhaneh region are single-aged and the rest are combinations of other ages. considering the vastness of Kerman province, the pottery of the enclosures has been influenced by the internal cultures like Tal-I-IBLIS and Tepe Yahya and some cases probably own a sort of local style. the potteries of this age are of Iblis I and Iblis II kinds and Yahya VA and VB and also Iblis III and IV. Chronologically they could be placed at the time-range of 3300-3800 BC. Comparing them to other regions of Iran they overlap the middle and new chalcolithic ages. the majority of the enclosures are located at an average height of 1700 meters and a slope of 2-10 percentage. pastures and water resources along with the above-mentioned factors have had the most influence on creating the enclosures and the way they were scattered. Regarding the existing evidences, the life style of the residents of the region has been a migrational one. 3 out of 29 enclosures could be regarded as the permanent settlements .*

*Key words: settlement pattern, Rabor Qad-Rudkhaneh, migration style, Chalcolithic.*