



Evaluation of Climate Change in Golestan Province by GIS System

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Abstract:

To day climate change knowledge is very important in projects of civil, economics, hydrology, sociology and . . . Golestan province is one of the provinces of Iran country that it has different climates. Therefore aim in this research was evaluation of Golestan climate change at 30 years ago(1975-2004) by Deo-Martan method in every 5-years and GIS system used for this research. Therefore Ilwis program used and prepared climate maps of Golestan province in every 5-year for 30 year duration. Comparison of this maps showed that Golestan climate has been drier in every 5-years toward 5-year ago. So that Golestan climate was dry (north regions) and wet to semi-wet (south regions). Also climate of Minodasht and Inche broon stations were wettest and driest respectively in Golestan area.

Keywords: Climate, GIS, Golestan Province.