











parameters related to the runoff. The results from maps prepared by GIS show that the lands with inappropriate hydrologic group and low permeability, have high runoff and discharge than the areas with appropriate hydrologic group. Also geospatial technique has high accuracy so that determining the exact curve number by GIS is cause of the high accuracy of the method. In addition to high accuracy, the main advantage of this method is determining of runoff at each point of the basin that is the basic parameters in the design of the hydraulic structures.

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