

Optical dimensional view of water harvesting in the Sefidroud basin

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Abstract Hydropolitics is one of the geopolitical tendencies that studies the role of water in political behaviors on a variety of scales. Iran is one of the countries that has suffered water scarcity due to its location in arid and semi-arid regions of the world and inappropriate distribution of time and place of rainfall. Meanwhile, the Sepidrud catchment area with the largest water catchment area of the country's central catchment area is a water supplier in the provinces of Gilan-Zanjan-East Azarbaijan-Ardebil-Hamedan-Qazvin-Kordestan. With high agricultural potential, it is also important to tourism, as well as to capture the demographic and industrial poles of the country. These factors have increased the need for water in the basin between the rivers and other beneficiaries, as it has led to conflict and tension. The present study investigates the hydrophilic analysis of the White River Basin. The data and information required for this research has been gathered through library and field studies. The results indicate that Seycheedro now provides all the water needed for agriculture in Gilan so that 36 percent of the province's land is dependent on the river's water. This river is also the site for spawning and growing of various aquatic species, especially fish of the Mazandaran Sea. If the necessary measures are not taken to solve problems such as harvesting sand or entering the mud and mud of the Rasht Qazvin road or the entry of chemical pollutants into the river, the hope for survival of this river can not be expected in the next ten years. **Key Words:** Geopolitics, Hydropolytic, Sepidrood watershed

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