

عنوان مقاله:

(PLANING AND MANAGEMENT OF CASE STUDIES OF AJICHAY RIVER BASIN (AZERBAIJAN-IRAN

محل انتشار:

پنجمین کنفرانس بین المللی سواحل و بنادر و سازه های دریایی (سال: 1381)

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خلاصه مقاله:

Description of a river system is one of the important issue for better analysis of hidrological and management affairs of water resources and projects. The hidrological studies of Ajichay basin and its main head branches have been done as a part of quality upgrading project of this river. In this study the hidrological properties of the river and its tributaries, including debit, alluvium, basin, diluvia and flow quality have been analyzed. The Ajichay river is one of the most important river basins that lead to ourmiah lake. The river basin is located in the geographical position of 45° 30' to 47° 45' Northern longitude and 37° 45' to 38° 30' Eastern latitude. The Ajichay in one of time important rivers of Azerbayejan, which drains a wide area of This region and then leads to Ourmiah lake. This river is located in a valley between west Karadagh, Goshadagh and Savalan volvanics in the north and the Bozgoush and Sahand mountains along south. Its flow direction is generally east-to-west. The length of the river up to the delta of ourmiah lake is about 276 km and its basin area is about 13853 km². The highest level of the basin level is 3882m in the north-eastern and the lowest level is 1280m at the border of Ourmiah lake. The precipitation of the river basin is about 600mm in the high level regions and about 250mm near Vanyar dam. The average precipitation of the basin up to the lake is 400mm, wich its volume is estimated according to the basin area (13853 km²) to be about 5540 million m³ annually. Among the 34 rivers oof Ajichay sub-basins, about 6 river have hydrometric station and the rest don't. Thereform we use the following correlation equation by basic study and omitting the presence of hydrometrical stations: Where: Q: is the average annuul debit of the river in million m³ A: is the basin area (km²) P: is the average annual precipitation of the basin (mm) S: is the of the river basin (%)

کلمات کلیدی:

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