

## **PENDUGAAN POTENSI SUMBERDAYA AIR DI WILAYAH PESISIR**

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### **ABSTRACT**

*Hydrologic factor relating to water availability in coastal area is discussed to illustrate the occurrence and distribution of freshwater in this environment. The important factors to be previously known on predicting the availability of water are climate, geomorphology that specially characterized by coast slope steepness, soil texture and vegetation. Chemically, hydrology of coastal area is characterized by the presence of brackish water as a transition between fresh and saline water. By hydrological factor observation, qualitative reconnaissance of water resources availability in a coastal area could be assessed. Examination steps to assess the availability and to obtain fresh water in coastal area are described at the end of this paper.*

*Keywords: Coastal, Steepness, Climate, Freshwater, Brackishwater, Soil texture, Vegetation.*