

**ANALISIS KINERJA PERENCANAAN
PENGELOLAAN BANJIR
(STUDI KASUS SALURAN GUNUNG SARI DI KOTA SURABAYA)**

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ABSTRACT

For Surabaya's growth, areal along Gunung Sari channel have the important meaning. Because of the rising of settlement development in this area, so that floods in this area directly give the negative impact for growth of Surabaya City. Planning for the floods disaster management in Gunung Sari Channel have been conducted by Brantas Project since year 1988.

Then this planning was reviewed in year 1993 and year 1999. This research will analyse the performance of planning which were made by Brantas Project. It will done constructively by HEC-FDA, the software that do the risk analysis with included the economic consideration. Hydro-Economy approach, by the HEC-FDA analysis assist, can yield the indicator of Floods Management Planning performance in the form of total cost and risk cost (Expected Annual Damage/ EAD).

The planning with smallest total cost is Brantas year 1988 Planning wich has the total cost as Rp. 893,692,230.-/year and risk cost as Rp. 384,238,410.- /year. Thereby, Brantas year 1988 Planning has the best performance among other Brantas's plannings for floods management in Gunung Sari Channel.

Keywords: *total cost, risk cost, best performance*