

## Studi ekologi tambak mangrove desa blanakan kabupaten subang Jawa Barat

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### Abstrak

Mangrove ecosystem has been studied by many researchers in several topics, such as mangrove density, litter production and decomposition rate, nutrients dynamic, and structure of aquatic organism communities. Since their studies are incomplete, the comprehensive study about mangrove ecology as a unity of vegetations, water and sediment environments, and their relationships on the aquatic organisms, specifically plankton and infernal macrobenthic need more attention. The research was conducted at Blanakan mangrove pond from March - October 2008 which diveded into 4 sampling site such as tambak terbuka (TB), tambak tumpang sari (TS), tambak tanah timbul (IT) and tambak perhutani (TP). The aims of this research were to know and to analysis; (1) standing stock, structure, and composition of mangrove vegetation at Blanakan mangrove pond, (2) production and decomposition of mangrove litter, (3) abiotic factors, (4) the potency of nutrients, (5) the structure of plankton and infaunal macrobenthic Blanakan mangrove pond.</i>