

Model Manajemen Demam Berdarah Dengue; Suatu Analisis Spasial Pascatsunami di Wilayah Kota Banda Aceh

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Abstrak

Studi ekologi ini mengembangkan suatu model manajemen demam berdarah dengue berdasarkan dinamika transmisi, kondisi lingkungan dan kepadudukan di wilayah tsunami berat, tsunami ringan, dan tidak tsunami. Pemanfaatan data citra satelit Landsat-5 TM dan klimatologi melalui analisis spasial menemukan bentuk pola sebaran dan tingkat konektivitas antar titik kasus. Ditemukan model manajemen yang berbeda pada simpul 2 media transmisi dan simpul 3 perilaku pemajanan antar wilayah, sehingga dalam memodifikasi kondisi lingkungan dan intervensi perubahan perilaku harus berdasarkan manajemen demam berdarah dengue berbasis wilayah.

Ecological study is to develop a management model of dengue hemorrhagic fever based on transmission dynamics, environmental conditions and population risk factors in the severe tsunami, the light tsunami, and areas not affected by tsunami. The using satellite imagery Landsat-5 TM and climatological data through spatial analysis were found a form of distribution patterns and levels of connectivity between case points. Management model was found different on node 2 transmission media and node 3 exposure behavior between regions, so that in modifying environmental conditions and behavior change intervention should be refer to the management of dengue hemorrhagic fever based on the region.