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## Analisis Sistem Jaringan Evakuasi Berbasis Tingkat Kerawanan Bencana Banjir di Kecamatan Manggala Kota Makassar

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### Abstrak

Bencana Banjir bukan sekadar genangan air biasa. Di balik luapannya, terkandung berbagai konsekuensi yang kompleks. Penelitian ini bertujuan untuk mengetahui tingkat kerawanan bencana banjir, menentukan titik lokasi dan rute evakuasi bencana banjir. Metode Analisis yang digunakan yaitu metode analisis pengharkatan (*skoring*) dan *overlay*. Pengambilan data dilakukan melalui pengukuran parameter, survei lapangan dan analisis data sekunder. Analisis data menggunakan perangkat sistem informasi geografis (SIG). Hasil penelitian menunjukkan bahwa, (1) tingkat kerawanan bencana banjir di Kecamatan Manggala masuk dalam kategori rawan, (2) terdapat 7 titik lokasi evakuasi bencana banjir di Kecamatan Manggala, dan (3) terdapat 15 alternatif rute evakuasi di Kecamatan Manggala.

Kata Kunci: *Banjir, Kecamatan Manggala, Evakuasi*

### Abstract

Flood disasters are not just ordinary puddles of water. Behind the outburst, there are various complex consequences. This research aims to determine the level of vulnerability to flood disasters, determine location points and evacuation routes for flood disasters. The analysis method used is the scoring and overlay analysis method. Data collection was carried out through parameter measurements, field surveys and secondary data analysis. Data analysis uses geographic information system (GIS) tools. The research results show that, (1) the level of vulnerability to flood disasters in Manggala District is in the vulnerable category, (2) there are 7 flood disaster evacuation locations in Manggala District, and (3) there are 15 alternative evacuation routes in Manggala District.

Keywords: *Flood, Manggala District, Evacuation*