

## Sensitivitas dan kapasitas adaptif permukiman kumuh terhadap bencana banjir dan kebakaran di Kota Bekasi = Slum's sensitivity and adaptive capacity against floods and fires in Bekasi City

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### Abstrak

Selama ini penataan perkotaan kurang memperhatikan kondisi internal dan aspek penyesuaian diri terhadap bencana yang sering melanda permukiman kumuh. Penelitian ini bertujuan mengungkapkan sebaran permukiman kumuh dan menganalisis tingkat sensitivitas dan kapasitas adaptif permukiman kumuh terhadap bencana banjir dan kebakaran secara spasial. Sebaran permukiman kumuh diperoleh melalui metode interpretasi foto udara dan metode Spatial Multi Criteria Evaluation (SMCE) digunakan untuk menganalisis tingkat sensitivitas dan kapasitas adaptif.

Hasil analisa menunjukkan permukiman kumuh tersebar pada sempadan sungai, sempadan rel kereta, sekitar daerah pertanian/RTH, sekitar kompleks perumahan, sekitar daerah komersil dan sekitar TPA. Permukiman kumuh dengan tingkat sensitivitas tinggi dan kapasitas adaptif rendah terhadap banjir terkonsentrasi di sempadan sungai. Tingkat sensitivitas tinggi dan kapasitas adaptif rendah terhadap kebakaran terpusat pada permukiman kumuh di sekitar TPA.

.....All this time the arrangement of the urban is lack of attention to internal conditions and aspects of adapt to the disasters that often plagued slums. This study aims to reveal the spread of slums and inform the level of sensitivity and adaptive capacity of slum against floods and fires spatially. The distribution of slums obtained through aerial photos interpretation method and Multi Criteria Evaluation method (SMCE) method used to analyze the level of sensitivity and adaptive capacity.

The result shows slums spread across the border river, the border railway, near a commercial area, near the landfill, in an agricultural area/green space and around the housing complex. Slums with high sensitivity and low adaptive capacity against floods is concentrated in the border river. Slums with high sensitivity and low adaptive capacity to fires concentrated near landfill.