

# Model keruangan kualitas sinyal telepon seluler di kabupaten Temanggung = Spatial model of cell phone signal quality in Temanggung regency / Fitri Andriyani

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## Abstrak

[Komunikasi merupakan salah satu kebutuhan manusia yang paling dasar. Salah satu teknologi yang digunakan untuk membantu kelancaran komunikasi adalah telepon seluler. Namun, pada kenyataannya ada faktor ? faktor yang dapat menghalangi kelancaran proses telekomunikasi seluler. Penelitian ini bertujuan untuk mengetahui hubungan antara kuat sinyal dengan faktor ? faktor yang mempengaruhinya seperti ketinggian tempat, tinggi BTS, arah hadapan lereng, dan jarak dari BTS. Penggunaan analisis keruangan secara kuantitatif menghasilkan suatu model keruangan kualitas sinyal telepon seluler di Kabupaten Temanggung. Hasil penelitian menunjukkan bahwa kualitas sinyal yang baik terdapat pada daerah yang dekat dengan BTS dengan lereng yang menghadap BTS.;Communication is one of the most basic human needs. One of the technology that are used to help smooth communication is mobile phone. However, in reality there are many factors that can obstruct the smooth process of mobile telecommunications. This study aims to determine the relationship between a signal strength by the influencing factors such as altitude, elevation of BTS, the direction of the level before the slope, and the distance from the base stations. The use of quantitative spatial analysis produced a spatial model of cell phone signal quality at Temanggung Regency. The results showed that the good signal quality present in the area near the BTS with a slope overlooking the BTS., Communication is one of the most basic human needs. One of the technology that are used to help smooth communication is mobile phone. However, in reality there are many factors that can obstruct the smooth process of mobile telecommunications. This study aims to determine the relationship between a signal strength by the influencing factors such as altitude, elevation of BTS, the direction of the level before the slope, and the distance from the base stations. The use of quantitative spatial analysis produced a spatial model of cell phone signal quality at Temanggung Regency. The results showed that the good signal quality present in the area near the BTS with a slope overlooking the BTS.]