

**PERBANDINGAN METODE TOPSIS, SAW DAN MOORA
DALAM SISTEM PENDUKUNG KEPUTUSAN BERBASIS
WEB UNTUK MENENTUKAN PENERIMA BANTUAN
LANGSUNG TUNAI (STUDI KASUS : KELURAHAN
GENDING)**

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ABSTRAK

Program Bantuan Langsung Tunai (BLT) adalah program pemerintah guna dalam menanggulangi krisis ekonomi di Indonesia dengan cara memberikan bantuan langsung tunai kepada masyarakat yang dinilai kurang mampu lewat desa setempat, namun untuk pemilihan calon penerima Bantuan Langsung Tunai (BLT) di Kecamatan Gending masih menggunakan cara manual sehingga membutuhkan waktu yang lama dan sering terjadinya kesalahan dalam perhitungannya, untuk mengatasi kesalahan ini di ajukan lah Sistem Pendukung Keputusan (SPK) guna mengatasi masalah tersebut dengan perbandingan metode *Technique For Order By Similarity To Ideal Solution* (TOPSIS), *Simple Addictive Weight* (SAW) dan *Multi-Objective Optimization On The Basis Of Ratio Analisis* (MOORA), guna dapat mengetahui mana metode yang terbaik sehingga dapat di jadikan acuan untuk pembuatan sistem pendukung keputusan berbasis web.

Kata Kunci: TOPSIS, BLT, SAW, MOORA, Sistem Pendukung Keputusan.

COMPARISON OF TOPSIS, SAW AND MOORA METHODS IN A WEB-BASED DECISION SUPPORT SYSTEM TO DETERMINE RECIPIENTS OF DIRECT CASH ASSISTANCE (CASE STUDY: KELURAHAN GENDING)

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ABSTRACT

The Direct Cash Assistance Program (BLT) is a government program aimed at tackling the economic crisis in Indonesia by providing direct cash assistance to people who are considered to be less fortunate through local villages, but for the selection of prospective recipients of Direct Cash Assistance (BLT) in Gending District, the method is still used. manually so that it takes a long time and errors often occur in the calculations, to overcome this error a Decision Support System (DSS) is proposed to overcome this problem with a comparison of the Technique For Order By Similarity To Ideal Solution (TOPSIS) method, Simple Addictive Weight (SAW)) and Multi-Objective Optimization On The Basis Of Ratio Analysis (MOORA), in order to find out which method is the best so that it can be used as a reference for making web-based decision support systems.

Keywords: TOPSIS, BLT, SAW, MOORA, Decision Support System.