

## ABSTRAK

**Yolanda Feby, NIM 4193550008(2023), Penerapan Metode WASPAS Dalam Penerima Bantuan Langsung Tunai-Dana Desa (BLT-Dana Desa) (Studi Kasus: Desa Huta Limbong Kecamatan Padangsidempuan Tenggara)**

Bantuan Langsung Tunai (BLT) merupakan program pemerintah bagi Masyarakat miskin yang bersumber dari dana desa untuk mengurangi dampak ekonomi. Dalam pelaksanaan penyaluran BLT menghadapi banyak masalah karena lemahnya pengawasan pemerintah terhadap bantuan tersebut. Pemerintah Desa Huta Limbong sangat memperhatikan penyaluran BLT karena data yang diperoleh masih dikelola secara manual dengan kriteria yang belum jelas dan tidak sesuai dengan Permendesa. Hal ini dikhawatirkan akan menimbulkan penilaian yang tidak akurat, sehingga BLT tidak sampai kepada masyarakat miskin yang paling membutuhkan. Maka diperlukan suatu sistem yang dapat menentukan penerima BLT di Desa Huta Limbong secara obyektif. Pada penelitian ini diterapkan metode *Weighted Aggregated Sum Product Assessment* (WASPAS). Sistem ini memberikan nilai bobot pada setiap kriteria dengan menggunakan pembobotan ROC yaitu mengurutkan calon penerima didasarkan atas prioritas atau tingkat kepentingan kriteria penerima bantuan. Sistem ini menggunakan bahasa pemrograman *PHP* dan *MySQL* diterapkan untuk menangani database. Sementara keluaran sistem berupa urutan penerima BLT di Desa Huta Limbong. Perbandingan hasil sistem dengan hasil penerima BLT Tahun 2021 adalah sebanyak 48%.

**Kata Kunci: Sistem Pendukung Keputusan, Bantuan Langsung Tunai (BLT), *Weighted Aggregated Sum Product Assesment* (WASPAS).**



## ABSTRACT

**Yolanda Feby, NIM 4193550008(2023), Application of the WASPAS Method in Recipients of Direct Cash Assistance-Village Funds (BLT-Village Funds) (Case Study: Huta Limbong Village, Padangsidempuan Tenggara District)**

Bantuan Langsung Tunai (BLT) is a government program for poor communities which is sourced from village funds to reduce the economic impact. In implementing the distribution of BLT, there are many problems due to weak government supervision of this assistance. The Huta Limbong Village Government is very concerned about the distribution of BLT because the data obtained is still managed manually with unclear criteria and is not in accordance with the Village Ministerial Regulation. It is feared that this will lead to inaccurate assessments, so that BLT does not reach the poor people who need it most. So a system is needed that can objectively determine BLT recipients in Huta Limbong Village. In this research, the *Weighted Aggregated Sum Product Assessment* (WASPAS) method was applied. This system assigns a weight value to each criterion using ROC weighting, namely sorting potential recipients based on the priority or level of importance of the criteria for aid recipients. This system uses the *PHP* programming language and *MySQL* is applied to handle the database. Meanwhile, the system output is the order of BLT recipients in Huta Limbong Village. The comparison of system results with the results of BLT recipients in 2021 is 48%.

**Keywords: Decision Support System, Direct Cash Assistance (BLT), Weighted Aggregated Sum Product Assessment (WASPAS).**

