

## **ABSTRACT**

*Aceh Province, as a region with special autonomy status, recorded the third lowest Gross Regional Domestic Product (GRDP) in Sumatra Island in 2024. The analysis of the factors driving the Gross Regional Domestic Product (GRDP) in Aceh Province is the focus of this study. This study aims to analyze the influence of government expenditure, education level, and health level on the GRDP of districts/cities in Aceh Province from 2015 to 2024.*

*This research employs panel data from 23 districts/cities in Aceh over a 10-year period (2015–2024) and analyzes it using panel data regression method. The Gauss–Markov assumption tests reveal the presence of heteroskedasticity and positive autocorrelation. Therefore, the analysis utilizes the Panel Estimated Generalized Least Squares (EGLS) method with White cross-section correction to obtain more efficient parameter estimates.*

*The research results show that government spending and education level (average years of schooling) have a positive and statistically significant effect on economic growth. Meanwhile, the health level (life expectancy) has a positive but insignificant effect. These findings indicate the need for Aceh's economic growth strategy that focus on the effectiveness of public spending and investment in education.*

*Key Words: GDRP, government expenditure, education level, health level.*

