

Assessment of Fish Export's Impact on Economic Growth: (A Comparison Between Pakistan & Bangladesh)

Najm Us Saher*, Noor Us Saher, Asghar Ali

Applied Economics Research Centre, University of Karachi
Centre of Excellence in Marine Biology, University of Karachi

ABSTRACT

The blue economy is a broad and intricate field that has helped several nations transition from poor to developed status by using their maritime resources to fuel robust economic growth. Researchers claim that Pakistan's fishery may have an impact on the country's economy. The study's goal is to find out how fish exports affect state GDPs and how the "blue economy" a term that has gained popularity affects fish exports, which are vital to Bangladesh's and Pakistan's economic development.

Keywords: Export, Fish, Blue Economy, GDP, Pakistan, Bangladesh. Inflation

INTRODUCTION

Blue economy is the vast and deep field to move from developing country to developed country rank so many countries utilizing their oceanic resources for making their strong economic growth. According to researcher that Pakistan fishery plays a potential role in the economy of Pakistan. As different nations Bangladesh marine also perform valuing job in occupations, food and economic growth areas, in Bangladesh practically 80% Gross domestic product relies on the blue economy and marine exports more than 1.27 million fisher fork works (Rehman 2019) "capture fisheries production has had a positive impact on Pakistan's economic growth."

Bangladesh having extraordinary fisheries potential Bangladesh most well-known nation of the world who simply centering just their marine assets to develop their good economic growth uncommonly delivering fisheries strength and dealing all around the world in regards to fish exports. "Blue economy term presented by "Gunter Pauli" in 1994 he is Belgian market analyst (The Blue Economy: Origin and concept, 2016) and in Several years ago, the concept was picked up by several South Asian countries, including Bangladesh.

OBJECTIVE

The objective of the study is to investigate the impact of fish exports on the GDP of the states and the impact of adoption of new terminology (blue economy) on fish exports which play a key role in the economic growth of Pakistan and Bangladesh.

HYPOTHESIS

H_0^1 : The impact of the GDP on exports will not change overtime

H_0^2 : Oceanic economy doesn't affect the economic growth and employment.

METHODOLOGY

This study uses annual time series data from 1974–2021 of Pakistan and Bangladesh. To avoid spurious findings, we used the ADF and PP unit root test. Researcher has used the bound test for co-integration and ARDL for estimations since the unit root demonstrates that all model variables are integrated at mixed levels. Long-run and short-run estimates are built using ARDL and ECM.

RESULTS

Result is representing that the existence of long run relationship. Pakistan fish export is significantly determined by inflation, domestic GDP, nominal exchange rate and unemployment rate, whereas Bangladesh fish export is defined inflation, domestic GDP and unemployment rate also representing high level of significance

CONCLUSION

Fish export lags is explained in this study and which is significant that indicates the past results of the GDP along other independent variables and the model. For Pakistan Analysis reveals that the change in the GDP of Pakistan highly affecting the export of the Pakistan because its fish export is endogenous and highly effective the GDP of country but in short run findings are showing that the acceptance and adaptations of the advancement and the modifications are highly appreciating in the fish export and GDP growth. In Bangladesh fish production and export of the fish is not only working on the GDP of Bangladesh it's also represents the effect of fishing on the humans consumptions of fish products in daily basis.

REFERENCES

1. Rehman, A., Deyuan, Z., Hena, S. and Chandio, A.A. (2019), "Do fisheries and aquaculture production have dominant roles within the economic growth of Pakistan? A long-run and short-run investigation", *British Food Journal*, Vol. 121 No. 8, pp. 1926-1935. <https://doi.org/10.1108/BFJ-01-2019-0005>.
2. *The Blue Economy: Origin and concept*. (2016, 6 6). Common Wealth of Learning.