



ANALISIS PERKEMBANGAN SEKTOR UNGGULAN DAN INTRA-INDUSTRY TRADE (IIT) PADA SEKTOR *AQUACULTURE* ANTARA ASEAN DAN BRICS PERIODE 2012-2021

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INTISARI

Perdagangan internasional merupakan hasil dari perkembangan liberalisasi dan integrasi ekonomi. Aktivitas perdagangan internasional pada produk *aquaculture* (HS 03) antara ASEAN dan BRICS terdapat dalam bentuk kegiatan ekspor-impor dimana aktivitas ini memberikan gambaran mengenai sektor unggulan dan tingkat perdagangan intra-industri. Perbedaan kondisi geografi, ekonomi, sosial, dan politik memberikan dampak terhadap dinamika perdagangan. Penelitian ini bertujuan untuk : (1) Menganalisis perkembangan sektor basis dan non-basis (sektor unggulan) pada sektor *aquaculture* antara ASEAN dan BRICS tahun 2012-2021 dan (2) Menganalisis perkembangan perdagangan intra-industri antara ASEAN dan BRICS tahun 2012-2021.

Penelitian ini dilakukan dengan pendekatan kuantitatif menggunakan Metode Location Quotient (LQ) dan Grubel-Lloyd. Perhitungan Indeks LQ menggunakan rasio dari perbandingan nilai ekspor (US\$) sub-sektor *aquaculture* i dengan nilai ekspor (US\$) sektor *aquaculture* dari ASEAN ke BRICS dan nilai ekspor (US\$) sub-sektor *aquaculture* i dengan nilai ekspor (US\$) sektor *aquaculture* dari ASEAN ke dunia. Model Grubel-Lloyd dihitung berdasarkan nilai ekspor-impor sektor *aquaculture* pada tahun 2012-2021. Perhitungan sub-sektor *aquaculture* terdiri atas perikanan hidup (HS 0301), perikanan segar dan didinginkan (HS 0302), perikanan beku (HS 0303), fillet dan daging ikan (HS 0304), perikanan konsumsi (HS 0305), krustasea (HS 0306), moluska (HS 0307), dan invertebrata akuatik (HS 0308). Hasil perhitungan menunjukkan hampir semua sub-sektor *aquaculture* ketika masa perang dagang menjadi sektor basis. Sementara itu, perdagangan intra-industri selama periode 2012-2021 menunjukkan dominasi tingkat rendah-tinggi pada tiga komoditas, yakni perikanan beku (HS 0303), krustasea (HS 0306), dan moluska (HS 0307). Dinamika perdagangan internasional selain perang dagang dipengaruhi oleh kebijakan ekonomi, perjanjian kerjasama ekonomi, dan meningkatnya ketegangan geopolitik antara Rusia-Ukraina.

Kata Kunci: *Aquaculture*, Sektor Unggulan, Perdagangan Intra-Industri, ASEAN, BRICS



ANALYSIS OF THE DEVELOPMENT OF LEADING SECTORS AND INTRA-INDUSTRY TRADE (IIT) IN THE AQUACULTURE SECTOR BETWEEN ASEAN AND BRICS IN THE 2012-2021 PERIOD

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ABSTRACT

International trade is a consequence of increasing economic liberalization and integration. Trade activities in aquaculture products (HS 03) between ASEAN and BRICS occur through exports and imports, providing an overview of the leading sectors and the extent of intra-industry trade. Variations in geographic, economic, social, and political conditions influence trade dynamics across regions. This research aims to: (1) Analyze the development of basic and non-basic (leading) sectors in the aquaculture trade between ASEAN and BRICS from 2012 to 2021, and (2) Analyze the dynamics of intra-industry trade during the same period.

A quantitative approach is applied in this research using the Location Quotient (LQ) and Grubel-Lloyd Index (GLI). The LQ index is calculated using the ratio of the export value (US\$) of aquaculture subsector *i* to the total aquaculture exports from ASEAN to BRICS, compared to the export value of the same subsector to the total aquaculture exports from ASEAN to the world. The Grubel-Lloyd Index is calculated based on the export–import values of aquaculture products between 2012 and 2021. The aquaculture subsectors analyzed include live fish (HS 0301), fresh and chilled fish (HS 0302), frozen fish (HS 0303), fish fillets and meat (HS 0304), fish for consumption (HS 0305), crustaceans (HS 0306), mollusks (HS 0307), and aquatic invertebrates (HS 0308). The results show that during the trade war period, nearly all aquaculture subsectors became basic (leading) sectors. Meanwhile, intra-industry trade during the 2012–2021 period showed a low to high degree of intensity, with dominance observed in three commodities: frozen fish (HS 0303), crustaceans (HS 0306), and mollusks (HS 0307). In addition to the trade war, the dynamics of international trade were influenced by economic policies, trade cooperation agreements, and rising geopolitical tensions, particularly the conflict between Russia and Ukraine.

Keywords: Aquaculture, Leading Sectors, Intra-Industry Trade, ASEAN, BRICS.