

# ***Economic Impacts of New Shipping Routes at the Port of Niigata: An Analysis Based on a Geographical Simulation Model (Summary)***

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This paper analyzes the economic impact of establishing new shipping routes at the Port of Niigata—the largest container logistics hub on the Sea of Japan coast—using a simulation model based on spatial economics (IDE-GSM). Amid growing instability in Japan-U.S. trade relations due to the Trump administration’s tariff policies, the Port of Niigata is playing an increasingly important role as a trade route from the Sea of Japan coast to China, South Korea, Russia, and ASEAN countries. Our analysis reveals that opening new routes to Hong Kong, Shenzhen, and Vietnam—particularly with high-frequency services—would generate substantial economic benefits for both Niigata Prefecture and Japan as a whole. Based on these findings, we propose specific policy recommendations to strengthen the Port of Niigata’s logistics functions.

Keywords: Spatial Economics, Port of Niigata, Simulation Model, Logistics

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