

# An applied method for assessing socioeconomic impacts of European fisheries quota-based management

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## Abstract

Fishing activity is conditioned by diverse factors that determine and limit the capacity of fishermen to decide on their level of production (i.e., the fisheries output is determined exogenously). In the context of the input-output analysis, models have been developed that permit the assessment of socioeconomic impacts of an activity, but almost always from a perspective where demand is the driving force of the economy. Procedures have recently been developed to measure impacts in which both the existence of sectors subject to exogenous supply shocks and the existence of forward linkages with other sectors of the same economy are considered. The objective of this study is the application of this new methodology for the analysis of a specific case: fishing activity in Galicia (NW Spain). The socioeconomic impacts linked to the determination of annual fishing quotas by species for major fleet segments managed by European Union are quantified. This procedure is should be potentially be very useful as a fishing management tool. It provides more accurate estimations of the possible socioeconomic impacts of catch limitations and gives detailed information on the sectoral and spatial distribution of these impacts on the economy.

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