

# Taiwan-China Fishery Joint Ventures: An Economic Quest and Assessment

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## Abstract

This paper compares the fishing operations and identifies the possible cooperative arrangements concerning fishery resources management between Taiwan and China. We evaluate productivity of inputs such as labor and capital from 1961-1993. Empirical results imply that the high fishery output growth in 1970s-1980s was propelled by an increase in productivity and return of scale for Taiwan and China. However, high production growth and ineffective fisheries management have led to rapid depletion of fishery resources. Profit margins have shrunk over years for both sides. The results also indicate that under the appropriate fishery cooperative arrangements, the joint venture and strategic alliance efforts in fishing operations can benefit each other and attain the maximum utilization of fishery resources.

Keyword: Fishery cooperative arrangement, Fishery management, Common property, Joint Venture.