



# Quality Control Strategy On *Crab* Handling Process By Using Analytical Hierarchy Process Method

**Anita Wulandari**

Polytechnic 17 Agustus 1945 Surabaya

Email: [wulandari.nt@gmail.com](mailto:wulandari.nt@gmail.com)

## ABSTRACT

*Crab* (crab) is one of the fishery products that is generally perishable. This is likely due to poor handling that decreases the quality. This research aims to determine factors that can affect the quality of crab and recommend a priority strategy most appropriate to apply quality control on crab handling at PT Tonga Tiur Putra in expanding its business. The present research uses AHP (Analytical Hierarchy Process) method. Three decision-makers in PT. Tonga Tiur Putra were taken as respondents. Analysis factor reveals that factor affecting the quality of crab meat is transportation. The proper alternative to control the quality of crab is human resource training.

**Keywords:** Crab, HR, AHP

## 1. INTRODUCTION

Indonesia stores potential marine resources. For more than 30 waters of Indonesia is well known as a potential fish catchment area in the world. Even in the last 20 years, Indonesian waters are considered the world's largest fish resources after. A staff of Department of Marine and Fisheries program supervision Banten, Lim Elfiza, MP stated that from DKP figures (1999), Indonesia SDI is 8.2 million tons. Of this figure, at least 6.7 million tones are catchable fish. However, from 6.7 million tons per year, only 3.65 million tons per year is managed. Indonesia is only able to meet 3.64% of the world's absorption of fish of 18 million per year (about 655,200 tons per year). According to World Fisheries Statistics in 1995, world fish consumption reached US \$ 55 billion. Indonesia contribution in the level of US \$ 2 billion is still relatively small.

Given the huge potential of Indonesia's marine resources, it is highly important to develop fish processing industry in Indonesia. It is unfortunate if Indonesia's marine wealth is only utilized by other countries. In addition to utilizing the wealth of marine resources, the development of fish processing industry can be a driver of employment creators and reduce the poverty rate that will affect the country's economy (Ali & Wulan, 2018). One of fish processing industries that need to be developed is the crab meat processing industry. The