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Designing Indonesia fish logistics system with based on central Sulawesi resource

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This study aims to design an efficient Indonesia fish logistics system based on Central Sulawesi Resources include Palu, Donggala, Toli-toli, Buol, Parigi Moutong, Poso, Tojo Una-Una, Banggai, Banggai Kepulauan, Banggai Laut, and Morowali. Integrating the data of logistics in the integer specified model, the result of our model depicts the minimum cost of fish logistics system. Based on our optimization result, all hubs in Central Sulawesi can supply fish commodity to the headquarter of industry in Java and Bali Island. In addition, the model for national fish logistics system in the region of Central Sulawesi Province as follow: 1. The fish commodity for Banggai laut hub should be supplied by different source locations, as an example, Banggai Kepulauan District dan Banggai Laut District, 2. The fish commodity for Luwuk hub should be supplied by certain source locations, such as, Banggai Kepulauan District, Banggai Laut District, Tojo Una-Una District and Banggai District, 3. The fish commodity for Palu (Pantoloan hub should be supplied by several source locations, for example, Donggala District, Parigi Moutong District, Poso District and Morowali District, and 4. The fish commodity for Tolitoli (Ogotua hub) should be supplied by two source locations, for instance, Buol District and Tolitoli District. As an initial study, the further study is important to connect Indonesia fish logistics system to international network especially Asia and Australia region.

Biography

Mohammad Nofal has completed his PhD at the age of 30 years from Ecole Superieure des Affaires, Universite Pierre Mendes France. He is senior researcher in Fishery Business. Currently, he is conducting Research on Fishery Logistics in Indonesia to accelerate Indonesia's economy.

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