MODEL OF MARINE FISH LANDING IN TERENGGANU USING CUBIC B-SPLINE, DISCRETE LEAST SQUARE AND EXPONENTIAL SMOOTHING

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2019

DECLARATION BY CANDIDATE

We certify that this report and the project to which it refers is the product of our work and that any idea or quotation from the work of other people, published or otherwise are fully acknowledge in accordance with the standard referring practices of the discipline.

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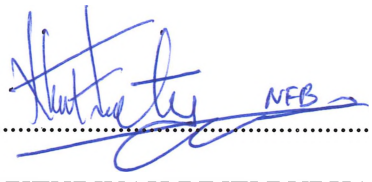
9 JUNE 2019



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ABSTRACT

This paper explains the best method to predict the number of fish landings using comparison between cubic B-splines, cubic least square method and exponential smoothing. Data of fish landings from the year 2015 to 2017 is obtained from the official website of Malaysia Fishery Department. By using all three methods, the data from 2015 until 2017 is calculated and the result is compared to the actual data. The error of all methods is determined using relative error. The method with the least error is chosen as the best method.

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