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### Sustainable Analysis of Yellowstripe Scad Stock in Central Maluku Waters

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**Abstract:** Central Maluku regency has 484.5 million tonnes/year of potential of fishery resources with total allowable catch (TAC) of 387.3 million tonnes/year. Gill nets, one of the eco-friendly fishing gear classified by Food and Agriculture Organization, are commonly applied in Maluku waters for small-pelagic fish capturing, which includes yellowstripescad (*Selaroides leptoleptis*). The availability yellowstripescad's stock for ensuring the sustainability utilization was investigated in this research, which performed by surplus production model. The results showed the stock (carrying capacity of the environment) of under-exploited with the available stock of 2.130.70 tonnes and the yield of 1769.23 tonnes, indicated the possibility of yield-increasing.

**Keywords:** sustainable, stock, yellowstripescad.

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