

伏季休渔对北部湾北部虾类捕捞的影响及评价

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Assessment of impact of Summer Fishing Moratorium on shrimp fishing in northern Beibu Gulf

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[摘要](#)[图/表](#)[参考文献\(0\)](#)[相关文章\(10\)](#)全文: [PDF](#) (1018 KB) [HTML](#) (0)输出: [BibTeX](#) | [EndNote](#) (RIS)

摘要

北部湾北部虾类资源丰富,是南海经济虾类的主要产地之一。该海域拥有虾场13个,基本分布于广西沿岸近海,虾类主要捕捞类型为桁杆拖网、刺网、笼捕和定置网。文章利用广西近海渔船的生产监测数据,评估北部湾北部虾类产量及捕捞结构,在此基础上分析伏季休渔对虾类捕捞生产的影响。2014年北部湾北部虾类产量估算为8 357 905 kg,其中桁杆拖网的产量占91.62%。伏季休渔后渔船的各项生产效率指标明显改善,经济虾类占总渔获的比例较休渔前增加40.34%,其他虾类占总渔获的比例下降28.53%。休渔显著降低北部湾北部的捕捞强度,起到恢复和养护虾类资源、优化虾类种群结构、提高捕捞生产效益的作用。建议采取打击非法渔业、休渔期间实施虾类资源增殖放流等措施,以进一步提高休渔的效能和作用,促进北部湾北部虾类捕捞可持续发展。

关键词 : 伏季休渔, 虾类捕捞, 影响评价, 北部湾

Abstract :

As one of the chief inhabitations for staple shrimps in the South China Sea, northern Beibu Gulf is abundant with shrimp resource. It consists of 13 shrimp fishing grounds of various sizes distributed mainly along Guangxi coast. Shrimp fishing methods include trawling, gear net, pot fishing and set net. Based on the fishing information and data collected from Guangxi vessels engaged in shrimp fishing, this paper makes assessment on shrimp catches and fishing composition. In addition, it analyzes the impact of Summer Fishing Moratorium (SFM) of the South China Sea on shrimp fishing. The results show that the shrimp catch in northern Beibu Gulf in 2014 was estimated to 8 357 905 kg. Catch from beam trawling made up 91.62% of the total. The economic indices of fishing vessels improved obviously after SFM. Ratio of staple shrimps to the total shrimp catch increased by 40.34%, while non-staples dropped by 28.53% at the same time. Practice of SFM significantly led to alleviation of fishing effort, recovery of shrimp resource, optimization of shrimp population composition, improvement of efficiency and profits of shrimp fishing, etc.. It is suggested that illegal fishing should be wiped out and stock enhancement of staple shrimps should be implemented during SFM to improve efficiency and impacts of SFM and to promote sustainable development of shrimp fishing in northern Beibu Gulf.

Key words : Summer Fishing Moratorium shrimp fishing assessment on impact Beibu Gulf

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