

# Banishing bandits: Other countries bear the cost

July 14 2021

---



Pursuit and apprehension of a Vietnamese 'blue boat' by Australian Border Force and Australian Fisheries Management Authority (AFMA) on Lihou Reef, Queensland, Australia, 9 February 2017. These wooden hulled vessels are blue in color, measuring 16-23m in length, with gross tonnage of 23-89 tons, utilize 90+ horsepower engines, and commercially available GPS plotters. Credit: Australian Fisheries Management Authority.

A new study reveals the strategies that stop bandits from illegally fishing in Australian waters—but warns there is a cost to the region's poorer countries.

Co-author Dr. Brock Bergseth, from the ARC Centre of Excellence for Coral Reef Studies at James Cook University, said poachers are simply following the recurring history of human fishing: intensively [fish](#) and devastate local resources, then move further afield to—in these cases—fish illegally or poach in other countries' waters.

"Millions of people rely on fish and seafood and when offered no alternative choice, will chose banditry and [illegal fishing](#) to get by," Dr. Bergseth said.

"But without a regional strategy and investments for rebuilding and managing countries' fisheries, this just becomes one big game of whack-a-mole: you deal with the problem in one area, only for it to pop up in another," he said.

The study shows how Vietnamese poaching boats, or 'blue boats', encroached into Australian waters between 2013 and 2017.

Under a jointly signed Memorandum of Understanding (MOU) in 2017, the Australian Fisheries Management Authority and the Vietnamese Ministry for Agriculture and Rural Development designed and delivered a series of workshop interventions to deter illegal fishing by Vietnamese fishers in Australia between 2017 and 2018.

Both before and after the workshops, 82 fishers were surveyed to understand why they were coming to Australia and also whether the workshop's explanations of the penalties were effective in shifting perceptions related to reducing illegal fishing.

"The main reason these fishers engaged in banditry was their displacement from their traditional fishing grounds in the South China Sea," Dr. Bergseth said. "This is just one of the implications of an expanding Chinese territory, and it affects countries as far away as Australia."

Lead author Dr. Chris Wilcox, from Australia's national science agency CSIRO, said since the workshops, there hasn't been a single sighting of a Vietnamese fishing boat illegally fishing in Australian or Pacific waters.

But, he cautions, while an understanding of the penalties might deter fishers from poaching in Australian waters, they also lose their access to economically viable fish resources.

Captains and their crews opt to fish in other locations, legal or not, even in the face of penalties for doing so.

"Australia can build a wall of steel with patrol boats and surveillance airplanes to protect our waters—but without improvements in fish stocks in their legal fishing grounds, Vietnamese vessels will be under pressure to leave in pursuit of revenue. This is creating ongoing issues for our regional neighbors," Dr. Wilcox said.

Reports continue to surface of Vietnamese fishers captured in other regional countries including Thailand, Malaysia, Indonesia, the Philippines and Vanuatu.

Dr. Wilcox said regional action on the root causes of the problem can solve the issue for everyone. And though this is a long-term project, it also has the best potential for the highest long-term return on investment in terms of reducing illegal fishing.

"Incursions will continue as long as the number of fishing vessels across

the region exceeds what the resources can support," Dr. Wilcox said. "While it is essential to keep the enforcement pressure on, this is where coordination across the region could have a positive effect."

However, he also said tension amongst South East Asian countries over sea borders and other issues still precludes effective coordinated action on illegal fishing.

"Addressing the state of resources in the waters of countries across the region and their ability to collaborate to address vessels illegally crossing borders to fish are the two key ingredients for solving this problem," Dr. Wilcox said.

Dr. Bergseth said otherwise, things will only get worse as ocean resources dwindle.

"The decisions we make in the next 5-10 years could well chart the state of our oceans for the next 100," he said.

**More information:** Chris Wilcox et al, Effectiveness of interventions to shift drivers of roving banditry and reduce illegal fishing by Vietnamese blue boats, *Conservation Letters* (2021). [DOI: 10.1111/conl.12823](https://doi.org/10.1111/conl.12823)

Provided by ARC Centre of Excellence for Coral Reef Studies

Citation: Banishing bandits: Other countries bear the cost (2021, July 14) retrieved 26 April 2024 from <https://phys.org/news/2021-07-banishing-bandits-countries.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is

provided for information purposes only.