

Analysis of the ecosystem services of mangrove to aquaculture and fisheries in the Mekong River Delta, Vietnam - Mangrove and aquaculture

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Ingår i samling hos SND: [Environment for Development](#)

Tillhörande dokumentation

[MS-248] List of variable 2017.pdf (1.01 MB)

Mangrove Questionnaire 2017 EN.pdf (1.36 MB)

Citering

Truong, D. T. (2021) Analysis of the ecosystem services of mangrove to aquaculture and fisheries in the Mekong River Delta, Vietnam - Mangrove and aquaculture (Version 1) [Dataset]. Göteborgs universitet. Tillgänglig via: <https://doi.org/10.5878/hm58-gz95>

Skapare/primärforskare

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Forskningshuvudman

[Göteborgs universitet](#) - Environment for Development, Handelshögskolan

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MS-248

Beskrivning

In this study, which will cover six provinces in south Vietnam, we expect to find out the optimal level of mangrove coverage for shrimp farming systems, considering the benefits of mangrove on fishery. Besides, investigation of the determinants of the behavior of converting mangrove to other uses will provide useful information for policy makers towards a better management and conservation of mangrove forests. The project has the following research objectives: (1) Examine the impacts of mangrove on shrimp farming, specifically the impacts of mangrove coverage on shrimp farming productivity and profitability; (2) Examine the impacts of mangrove on the risk of shrimp farming; (3) Estimate the mangrove-fishery linkage; (4) Investigate the determinants of mangrove conversion.

The survey was conducted in communes of six coastal provinces in the south of Vietnam, including Ben Tre, Soc Trang, Tra Vinh, Kien Giang, Ca Mau, and Bac Lieu. From these six provinces, eight locations were selected. Face to face survey was chosen, and each respondent was interviewed using a questionnaire of three parts, including general information of respondent, perception about mangrove of respondent, and aquaculture activities. We surveyed 659 mixed mangrove-shrimp farms. Mangrove forest indicators of analyses at both levels are measured in two ways. One is self-reported by farm managers in household data, and the other is calculated using satellite images. For calculating mangrove coverage of farms (mixed mangrove-shrimp farming system), coordinates of farms are collected during the survey. These coordinates are then used to create boundaries of farms on Google Earth.

Data innefattar personuppgifter

Nej

Språk

[Engelska](#)

Tidsperiod(er) som undersökts

2017-06-30 - 2018-04-30

Variabler

1514

Dataformat / datastruktur

[Numeriska](#)

[Geospatiala](#)

Geografisk utbredning

Geografisk plats: [Vietnam](#)

Geografisk beskrivning: The survey was conducted in communes of six coastal provinces in the Mekong River Delta, Vietnam, including Ben Tre, Soc Trang, Tra Vinh, Kien Giang, Ca Mau, and Bac Lieu. From these six provinces, eight locations were selected according to how well the communes represented the six provinces and the various argo-ecological and social-economic zones.

Ansvarig institution/enhet

Environment for Development, Handelshögskolan

Medverkande

Quoc Tuan Vo - Can Tho University

Huu Luat Do - University of Economics Ho Chi Minh City

Khanh Nam Pham - University of Economics Ho Chi Minh City

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- Finansiär: Swedish International Development Cooperation Agency

Finansiering 2

- Finansiär: Environment for Development Initiative

Forskningsområde

[Miljövetenskap](#) (Standard för svensk indelning av forskningsämnen 2011)

[Ekonomi och näringsliv](#) (Standard för svensk indelning av forskningsämnen 2011)

[Areella näringar](#) (INSPIRE topic categories)

[Ekonomi](#) (INSPIRE topic categories)

[Miljö](#) (INSPIRE topic categories)

Nyckelord

[Akvakultur](#), [Mangrove forest](#), [Lönsamhet](#)

Publikationer

Truong, Thuy & Do, Luat. (2018). Mangrove forests and aquaculture in the Mekong river delta. Land Use Policy. 73. 20-28. 10.1016/j.landusepol.2018.01.029.

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Polygon (Lon/Lat)

104.67773085148, 10.206813072485

104.67773085148, 8.5429976050263

106.81722135709, 8.5429976050263

106.81722135709, 10.206813072485

104.67773085148, 10.206813072485

Tillgänglighetsnivå

Åtkomst till data via SND

Tillgång till data är begränsad

Användning av data

[Att tänka på vid användning av data som delas via SND](#)

Versioner

Version 1. 2021-08-27

Hemsida

[Environment for Development Initiative](#)

Relaterade forskningsdata i SND:s katalog

[Analysis of the ecosystem services of mangrove to aquaculture and fisheries in the Mekong River Delta, Vietnam - Mangrove and Fishery](#)

Ingår i samling hos SND

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Ladda ner metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

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