

Daracha Thiammueang 2012: Governing of Blue Swimming Crab Fisheries: Case Study Ban Laem and Cha-am District, Phetchaburi Province. Doctor of Philosophy (Fishery Management), Major Field: Fishery Management, Department of Fishery Management. Thesis Advisor: Associate Professor Kungwan Juntarachote, D.Agri. 153 pages.

The study examined the governing of Blue Swimming Crab Fisheries in Ban Laem and Cha-am District, Phetchaburi Province. This study applied the interactive governance framework to examine factors contributing to the implementation of “crab bank” projects, a voluntary conservation program, implemented in fishing villages namely; Ban Panern, Ban Laem district and Ban Klongthian, Cha-am district in Phetchaburi province. Using key informant interviews and participant observation, we examined the ‘step zero’ or the pre-implementation stage of the projects and assessed what characteristics of the natural and social systems associated with the fisheries, of the governing system, and of their interactions that may contribute to successful implementation of the crab bank project. And we examined these characteristics in fishing villages where is not “crab bank” projects are established as well in order to compare the contributions and the weakness the between former fishing villages and these fishing villages namely; Ban Donkadee, Ban Laem district and Ban Nongchaeng, Cha-am district. Finally, we studied about the gender role that may be the contribution to successful in blue swimming crab governing. The results show that Ban Panern followed a more collaborative process in establishing the crab bank, with fishers actively involved. The high diversity of the system-to-be-governed and high level of interactions in Ban Panern contribute positively to the successful implementation, making governability high. Ban Klongthian, on the other hand, struggles to maintain the project due to high complexity and scale of the both system-to-be-governed and governing system, and also the low level of interactions among fisheries stakeholders. These results can be used as an approach to governing in blue swimming crab fisheries to the other coastal communities for sustainable exploitation.

---

Student's signature

---

Thesis Advisor's signature