

## REFERENCES

- Art-ong Pradatsundarasar, Pairath Saichuae, Kamthorn Teerakup and Nanatana Gajaseni. 1989. Changing of chemical condition in Mae Klong river and ecosystem of Mae Klong river mouth around Don Hoi Lord area, Samut Songkhram province (Phase: 2). Researching report presented to office of National Environment board. Department of Biology, Chulalongkorn University. (*In Thai*)
- Art-ong Pradatsundarasar. 1982. Influences of sediment on the distribution and population density of *Solen regularis* Dunker at the Mae Klong estuary. Master's Thesis. Department of Biology, Graduate School, Chulalongkorn University. (*in Thai*)
- Baron, P. J., Real, L. E., Ciocco, N. F. and Re, M. E. 2004. Morphometry, growth and reproduction of an atlantic population of the razor clam *Ensis macha* (Molina, 1782). Scientia Marina 68(2): 211-217.
- Barreteau, O., Antona, M., d'Aquino, P., Aubert, S., Boissau, S., Bousquet, F., Dare, W. Eitenne, M., Le Page, C., Mathevest, R., Trebuil, G. and Weber, J. 2003. Our companion modelling approach. Journal of Artificial Societies and Social Simulation 6(1): <http://jasss.soc.surrey.ac.uk/6/2/1.html> [2005, May 10]
- Bousquet, F. and Le page, C. 2004. Multi-agent simulation and ecosystem management: A review. Ecological Modelling 176: 313-332.
- Bousquet, F., Barreteau, O., d'Aquino, P., Etienne, M., Boissau, S., Aubert, S., Le Page, C., Babin, D. and Castella, J. 2000. Multi-agent systems and role game: collective learning process for ecosystem management. In Jansen, M.

- A. (ed), Complexity and ecosystem management: The theory and practices of multi-agent systems. pp. 248-284. United Kingdom: Edward Elgar.
- Bousquet, F., Barreteau, O., Le Page, C., Mullan, C. and Weber, J. 1999. An environmental modelling approach. In Blasco, F. and Weill, A. (eds), The use of multi-agent simulations; Advances in environmental and ecological modelling. pp. 113-122. Paris: Elsevier.
- Bousquet, F., Cambier, C. and Morand, P. 1994. Distributed artificial intelligence and object-oriented modelling of a fishery. Mathl. Comput. Modelling 20 (8): 97-107.
- Bousquet, F., Le Page, C., Bakam, I. and Takforyan, A. 2001. Multiagent simulations of hunting wild meat in a village in eastern Cameroon. Ecological Modelling 138: 331-346.
- Chanintorn Srithongsuk, Punya Ausawanggul, Sunan Tuycharoean, Somprssong Khuntom, Wullop Khumsupar and Witcha Thangchan. 1990. Razor clam conservation project Samut Songkhram province. Samut Sakorn Coastal Aquaculture Center. Coastal aquatic Division.(in Thai)
- Costanza, R. and Ruth, M. 1998. Using dynamic modelling to scope environmental problems and build consensus. Environmental Management. 22 (2): 183-195.
- Department of Fishery, 1995. Razor clams (*Solen Strictus* Gould). Samut Sakorn Coastal Aquaculture Center. Coastal aquatic Division.(in Thai)
- Department of Fishery. 1990. Razor clam conservation project Samut Songkhram province. Samut Sakorn Coastal Aquaculture Center. Coastal aquatic Division.(in Thai)

- Drogoul, A., Venbergue, D. and Meurisse, T. 2002. Multi-agent based simulation: Where are the agents?. Proceedings of MABS'02 (Multi-Agent Based Simulation), Bologna, Italy (July 2002).
- Ferber, J. 1999. Mulyi-agent system an introduction to distributed artificial intelligence. 1<sup>st</sup> ed. Singapore: Addison Eesley Longman.
- Gurung, R. J. 2004. Use of Multi-agent system to improve irrigation water sharing in Lingmuteychu watershed, Bhutan. Master's thesis. Department of Agricultural System. Graduate School, Chiangmai University.
- Jackson, L. J., Trebitz, A. S. and Cottingham, K. L. 2000. An introduction to the practice of ecological modeling. BioScience. 50 (8): 694-706.
- Jager, H. I. and King, A. W. 2004. Spatial uncertainty and ecological models. Ecosystems (2004)7: 841-847.
- Jiragorn Gajasen. 1997. Principle of ecology. 2<sup>nd</sup> ed. Bangkok: Chulalongkorn University press.
- Kanlaya Vanitbancha. 2003. Statistical analysis: Statistic for administer and research. 7<sup>th</sup> ed. Bangkok: Chulalongkorn University press. (*In Thai*)
- Kanoksak Jinphuad. 1994. Appropriate environment for razor clam survival. Diploma's project. Sumut Songkhram Technical College. (*in Thai*)
- Krebs, C. J. 1989. Ecological methodology. New York: Harper Collin.
- Le Page, C. and Bommel, P. 2004. A methodology for building agent-based simulations of common-pool resources management: From a conceptual model designed with UML to it implementation in Cormas. Lecture note in the international training course "Companion Modelling and Resillience of

Ecosystems in Southeast Asia Principle and Tools". December 2004.  
Chulalongkorn University, Bangkok.

Le Page, C., Bousquet, F., Bakam, I., Bah, A. and Baron, C. 2000. Cormas: A multiagent simulation toolkit to model natural and social dynamics at multiple scales. Proceeding of The ecology of scales, Wageningen. Netherlands (June, 2000).

Leventon, J. S. 1982. Marine ecology . Englewood cliffs, N. J., U.S.A.: Prentice-Hall.

Mathevest, R., Bousquet, F., Le Page, C. and Antona, M.. 2003. Agent-based simulations between duck population, farming decision and leasing of hunting rights in the Camargue (southern France). Ecological Modelling 165:107-126.

Ministry of Interior. 2000. Important statistic of 75 provinces [online]. Available from: <http://www.moi.go.th/province.htm#3> [2005, March 11] (*in Thai*)

Nantana Gajaseni, Nittharat Paphavasit, Wichase Khonsae and Pratak Sawatdipon. 2004. A final report of Survey and monitor situation of International important wetland (Ramsar Site) at Don Hoi Lord, Samut Songkhram province. Aquatic Resources Research Institute, Chulalongkorn University.

National Economic and Social Development Board. 2005. Statistics of population number, household, birth number, death number and migration rate in province level [online]. Available from: [www.nesdb.go.th](http://www.nesdb.go.th) [2005, March 23]

Natsucha Oiamsomboon. 2000. People's opinion towards the conservation of Don Hoi Lod amphoe Muang, changwat Samut Songkhram. Master's Thesis. Major Field Environmental Science, Graduate School, Kasetsart University. (*in Thai*)

- Natthakan Suwanna, 2003. The ability of the community in managing local resource: a case study of Don Hoi Lod, Bangjakreng, Samut Songkram. Master's Thesis. Department of Environmental planning for community and rural development. Graduate School, Mahidol University. (*In Thai*)
- Park, K. Y. and Oh, C. W. 2002. Length-weight relationship of bivalves from coastal waters of Korea. Naga, The ICLARM Quarterly 25(1: January-March ).
- Pongsak Kumpheng. Tourist, Interviewed, July 22<sup>nd</sup>, 2004.
- Ram. Trader. Interviewed, March 3<sup>rd</sup>, 2005.
- Ramsar. 2003. The list of wetlands of international importance[online]. Available from: [http://www.ramsar.org/key\\_sitelist.htm](http://www.ramsar.org/key_sitelist.htm) [2003, December 12]
- Rangsimant Bautong. 1997. Plankton population in relation to density and breeding season of razor shell genus *solen* at Don Hoi lod, Samut Songkhram province. Master's Thesis. Department of Biology, Graduate School, Chulalongkorn University. (*in Thai*)
- Royal Thai Navy. 2004. Tide tables Thai waters Chaophraya river-gulf of Thailand and Andaman sea. Hydrological Department.
- Royal Thai Navy. 2005. Tide tables Thai waters Chaophraya river-gulf of Thailand and Andaman sea. Hydrological Department.
- Ruffolo, D., Charusiri, P., Gajaseni, N., Piumsomboon, A., Piumsomboon, P., Pradatsundarasar, A. and Tantratian, S. 1999. Population dynamics of razor clams in Samut Songkram, Thailand. Journal of scientific Research Chulalongkorn University Vol 24, No. 2:67-83.

- Ruffolo, D., Charusiri, P., Gajasen, N., Piumsomboon, A., Piumsomboon, P., Pradatsundaras, A. and Tantratian, S. 1997. A final report “Mathematical model of effect of environmental change on razor clam population”. Faculty of Science, Chulalongkorn University. Bangkok. (In Thai)
- Rungruang Artayagul. Local fisherman. Interviewed, July 1<sup>st</sup>, 2004.
- Somprasong Kanthom, Somchart Sukawong, Songjum Kruangdai, Thanom Deeching, and Jaroon Tiemmaung. 1991. Study on effect of quick lime (CaO) on mortality rate of razor clam (*Solen strictus* Gold). Samut Sakorn Coastal Aquaculture Center. Coastal aquatic Division. (in Thai)
- Sunan Tuycharoean and Phanit Worra-in. 1991. The reproductive biology of the razor clams (*Solen strictus* Gould) and the environmental factor in the culture area at coastline of Ban Bangboo, Samut Songkhram province. Technical Paper No. 10/1991. Samut Sakorn: Samut Sakorn Coastal Aquaculture Center, Coastal Aquaculture Division, Department of Fisheries. (In Thai)
- Suphanchaimart, N., Bousquet, F., Wongsamun, C., Patamadit-Trebuil, I., Panthong, P. and Trebuil, G. 2003. Companion modeling to understand the expansion of sugarcane in rainfed lowland paddies of upper northeast Thailand. Khon Kaen: Faculty of Agriculture, Khon Kaen University, Thailand. (Mimeographed)
- Sutin Aim-Augorn. Local fisherman. Interviewed, February 11<sup>th</sup>, 2005.
- Taweewong Sriburi and Nantana Gajasen. 1996. A final report of environmental conservation plan for Don Hoi Lord, Samut Songkram Province Project. Chulalongkorn University and Office of Policy and Planning. Bangkok. (In Thai)

- Thanitha Thapanand. 2000. Laboratory in fishery biology (Manual). 2<sup>nd</sup> ed.  
Deaprtment of Fishery Biology, Kasetsart University. (*In Thai*)
- The World Commission on Environment and Development (WCED), 1987. Our common future. Oxford: Oxford University Press.
- Trebuild, G., Shinawatra-Ekasingh, B., Bousquet, F. and Thong-Ngam, C. 2002.  
Multi-Agent Systems Companion Modelling for Integrated Watershed  
Management: A Northern Thailand Experience. Proceedings of 3<sup>rd</sup> Montane  
Mainland Southeast Asia Conference. Yunan, China, (August, 2002).
- Wanpen Sriprathumwong, Ritthikorn Sornkaew and Nopadol Phuwapanish. 2002.  
Experiment on breeding of razor clam, *Solen regularis* Dunker, 1862.  
Technical Paper No. 19/2002. Samut Sakorn: Samut Sakorn Coastal  
Aquaculture Center, Coastal Aquaculture Division, Department of Fisheries.  
(*In Thai*)
- Weerasak Jarinrattanakorn. 2001. Media exposure, awareness, and participation in  
razor clams conservation project among people in Muang district, Samut  
Songkhram province. Master's Thesis. Department of Public Relation,  
Graduate School, Chulalongkorn University. (*in Thai*)
- Wong, T. M., Lim, T. G. and Wong, C. F. 1986. Induced spawning and larval  
development of the razor clam *Solen brevis* Gray (Mollusca: Solenidae) in  
laboratory. In Maclean, J. L., Digon, L. B. and Hosillo, L. V. (eds.), The  
First Asian Fisheries Forum. Asian Fisheries Society, Manila, Philipines.
- Wullop Khumsupar, Panya Audsawangkul and Sunan Tuychalearn. 1991. Survey of  
area to the distribution of razor clam (*Solen strictus* Gould) at the Mae Klong  
estuary, Samut Songkram province. Technical paper No. 12/1991. Samut  
Sakorn: Samut Sakorn Coastal Aquaculture Center, Coastal Aquaculture  
Division, Department of Fisheries. (*In Thai*)