參考文獻

1. 王騰崇。2001。大鵬灣竹片附生藻類生產力之時空變化。國立中興大學碩士論文。110 頁

2. 李麗華。2003。野柳灣生態系模式建構與時空動態模擬。國立中興大學碩士論文。58 頁。

3. 林幸助、楊小慧。2001。水域生態系模式的建構。中華藻類學會簡訊。第五卷。第二期。頁 1-6。

4. 洪嘉穗。2004。大鵬灣與七股潟湖汞及營養鹽之生地化學研究。國立中山大學碩士論文。141 頁。

5. 陳靜怡。2002。大鵬灣潟湖魚類群聚時空變化及其生態區位之研究。國立中山大學碩士論文。101 頁。

6. 黃立仁。1998。鹹水虱目魚塭的生態系統分析。國立中山大學碩士論文。56 頁。

7. 黃亭捷。2002。大鵬灣附生藻群聚生產力之營養鹽限制。國立中興大學碩士論文。 54 頁。

8. 黃俊翰。2004。大鵬灣初級生產者對牡蠣架拆除之反應。國立中興大學碩士論文。61 頁。

9. 黃祥豪。2002。高屏海域浮游橈足類之時空分布及攝食研究。國立中山大學碩士論文。108 頁。

10. 曾晴賢。2000。生態模擬在翡翠水庫水質保全和監測上的研究。國立清華大學。171 頁。

11. 蔡尚惠。2000。森林生態系經營模式之建構－以惠蓀林場紅檜人工林與闊葉樹次生林為例。國立中興大學博士論文。250 頁。

12. 鍾家祿。2001。屏東大鵬灣內浮游橈足類群聚之時空分佈及攝食速率之研究。國立中山大學碩士論文。77 頁。

13. 謝蕙蓮。2000。高屏海域陸海交互作用－子計畫四：高屏海域碎屑食物網之研究：碎屑來源及分布。行政院國家科學委原會專題研究計劃成果報告。18 頁。

14. 蘇惠美、林幸助、羅文增。2000。高屏海域陸海交互作用之研究－子計畫二：高屏海域藻類基礎生產力之研究。行政院國家科學委原會專題研究計劃成果報告 18 頁。

15. Baird D. and R. E. Ulanowicz, 1993 Comparative study on the trophic structure, cycling and ecosystem properties of four tidal estuaries. Mar. Ecol. Prog. Ser. 99: 221-237.
16. Christensen, V. and D. Pauly, 1992. Ecopath II—a software for balancing steady-state ecosystem models and calculating network characteristics. Ecol. Model. 61: 169-185.
17. Christensen, V., 1995. Ecosystem maturity-towards quantification. Ecol. Model. 77: 3-32.
18. Christensen, V., C. J. Walters, D. Pauly, 2002. Ecopath with ecosim: a user's guide. UBC Fisheries Centre & ICLARM, Vancouver, CanadaJohnson, C., Klumpp, D., Field, J. & Bradbury, R. 1995 Carbonflux on coral reefs : effects of large shifts in community structure. Marine Ecology Progress Series. 126: 123-143.
19. Hung, J. J. and P. Y. Hung, 2003. Carbon and nutrient dynamics in a hypertrophic lagoon in southwestern Taiwan. Journal of Marine Systems. 42: 97-114.
20. Jorgensen, S. E., 1998 Fundamentals of Ecological Modelling, 2nd ed. Elsevier, Amsterdam.
21. Jorgensen, S. E., 1992 b. Development of models able to account for changes in species composition. Ecol. Model. 62: 195-208.
22. Jorgensen, S. E., S. N. Nielsen and H. Mejer., 1995. Emery, environ, exergy and ecological modeling. Ecol. Model. 77: 99-107.

23. Jorgensen, S. E., 1997. Ecological Modelling by ‘ecological modeling’. Ecol. Model. 100: 5-10.

24. Lin, H. J., K. T. Shao, S. R. Kuo, H. L. Hsieh, S. L. Wong, I. M. Chen, W. T. Lo and J. J. Hung, 1999. A trophic model of a sandy barrier lagoon at Chiku in southwestern Taiwan. Estuarine Coastal Shelf Sci 48: 575-588.

25. Lin, H. J., J. J. Hung, K. T. Shao and F. Kuo, 2001. Trophic functioning and nutrient flux in a highly productive tropical lagoon. Oecologia. 129: 395-406.

26. Lindeman, R. L., 1942. The trophic-dynamic aspect of ecology. Ecology. 23: 399-418. Cited by Christensen, V. and D. Pauly., 1992.

27. Mackay, A., 1981. The generalized inverse. Pract. Comput. (September), 108-110.

28. Mageau, M. T., R. Costanza, and R. E. Ulanowicz, 1995. The development and initial testing of a quantitative assessment of ecosystem health. Ecos. Health. 1: 201-213.

29. Costanza, R. and M. Mageau, 1999. What is a healthy ecosystem? Aqua. Ecol. 33: 105-115.

30. Nixon, S. W., B. N. Furnas, R. Chinman, S. Granger and S. Heffernan, 1982. Nutrient Inputs to Rhode Island Coastal Lagoons and Salt Ponds. Final report to Rhode Island Statewide Planning.

31. Odum, E. P., 1969. The strategy of ecosystem development. Science. 164:

262-270.

32. Odum, E. P., 1971. Fundamentals of Ecology, 3rd ed. W. B. Saunders Company, Philadelphia.

33. Odum, E. P., 1975. Ecology: the Link Between the Natural and the Social Sciences, 2nd ed. Holt, Reinhart and Winston, New York.

34. Odum, W. E., 1968. The ecological significance of fine particle selection by the striped mullet *Mugil cephalus.* Limnol. Oceanogr. 13: 92-98.

35. Odum, W. E. and E.J. Heald. 1975. The detritus-based food web of an estuarine mangrove community, pp. 265-286. *In* L. E. Cronin e. Estuarine Research, Vol. 1. 1st ed. Academic Press, New York. Cited by Christensen, V. and D. Pauly. 1992.

36. Parysow, P. and G.. Gertner. 1997. Virtual experimentation: conceptual models and hypothesis testing of ecological scenarios. Ecol. Model. 98: 59-71.

37. Pitcher, T. J., E. A.. Buchary and T. Hutton, 2002. Forecasting the benefits of no-take human-made reefs using spatial ecosystem simulation. Mar. Sci. 59: S17-S26.

38. Polovina, J. J., 1984. Model of a coral reef ecosystems. I. The ECOPATH model and its application to French Frigate Shoals. Coral Reefs 3: 1-11.

39. Pranovi, F., S. Libralato, S. Raicevich, A. Granzotto, R. Pastres and O. Giovanardi, 2003. Mechanical clam dredging in Venice lagoon:

ecosystem effects evaluated with a trophic mass-balance model. Mari. Biol. 143: 393-403.

40. Ulanowicz, R. E., 1986. Growth and Development: Ecosystems Phenomenology 1st ed. Springer-Verlag, New York.

41. Ulanowicz, R. E. and D. Baird, 1999. Nutrient controls on ecosystem dynamics: the Chesapeake mesohaline community. J. Mar. Syst. 19: 159-172.

42. Walters, C., V. Christensen and D. Pauly, 1997. Structuring dynamic models of exploited ecosystems from trophic mass-balance assessments. Rev. Fish Biol. Fish. 7: 139-172.

43. Walters, C., D. Pauly and V. Christensen, 1999. Ecospace: prediction of mesoscale spatial patterns in trophic relationships of exploited ecosystems, with emphasis on the impacts of marine protected areas. Ecosystems 2: 539-554.

44. Walters, C., D. Pauly, V. Christensen and J. F. Kitchell, 2000. Representing density dependent consequences of life history strategies in aquatic ecosystems. Ecosim II. Ecosystems. 3: 70-83.