

# CURRICULUM VITAE

## Wen-Yan Chiau

Environmental Protection Administration  
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### Current Positions

Deputy Minister of Environmental Protection Administration, ROC  
Professor and Director, Institute of Marine Affairs and Resource Management, National Taiwan Ocean University, since 2005

### Education

Ph.D. in City and Regional Planning, University of Pennsylvania, U.S.A., 1991  
M.A. in Urban Planning, National Chung Hsing University, 1980  
B.S. in Urban Planning, National Cheng Kung University, 1976

### Research Specialties

Marine Policy, Ocean Governance, Coastal Management, Wetland Conservation, Environmental Law, Environmental Planning and Management, Maritime Heritage, APEC Marine Resource Conservation Affairs

### Professional Experience

#### Academia

2005 – present, Professor and Director, Institute of Marine Affairs and Resource Management, National Taiwan Ocean University.  
1991 – 2005, Associate Professor, Dept. of Marine Environment and Engineering, National Sun Yat-sen University.

#### Government

- Member, Commission on Marine Education, Ministry of Education (2007 – present)
- Council Member, National Council for Marine Affairs Advancement, Executive Yuan (Cabinet) (2004 – present)
- Member, Commission on Research and Planning, Taiwan Coast Guard Administration, Executive Yuan (Cabinet) (2005 – present)
- Advisor, Advisory Commission on National Land Conservation and Development to the Presidential Hall (2002 – 2004)
- Council Member, National Council for Sustainable Development, Executive Yuan (Cabinet) (2002 – 2004)
- Advisor, Committee for Sustainable Development, Legislative Yuan (Congress) (2000 – 2002)
- Member, Committee on Environmental Impact Assessment, Penghu County Government (2007 – present)
- Advisor, Kaohsiung County Government (2000 – present)
- Advisor, Kaohsiung City Government (2004 – 2006)
- Advisor, Pingtung County Government (2000 – 2004)
- Member, Advisor Commission on Wildlife Conservation, Council of Agriculture, Executive Yuan (Cabinet) (1995 – 1997)
- Delegate of Chinese Taipei, APEC Marine Resource Conservation Working Group (1994 –

present)

- Senior Specialist, Construction and Planning Administration, Ministry of the Interior (1980 – 1984)

#### NGOs

- CEO, Foundation of Ocean Taiwan (1999 – present)
- President, Taiwan Association of Marine Pollution Control (2004 – 2006)
- President, Wetlands Taiwan (2002 – 2004)
- Board Member, Asia Environmental Council – Asia-Pacific NGOs Environmental Conference, Korea (2002 – present)
- Member, Ramsar Center Japan, Japan (2002 – present)
- Member, Association of Marine Affairs and Policy, Taiwan (1997 – present)
- Member, Society of Environmental Education, Taiwan (1997 – present)
- Permanent member, Society of Urban Planning, Taiwan
- Permanent member, Society of Environmental Engineering, Taiwan
- Permanent member, Society of Underwater Technology, Taiwan
- Permanent member, Green Association of Kaohsiung City, Taiwan

#### Recent Achievement

- Editor-in-chief, APEC Bulletin on Marine Resource Conservation and Management. Vol. 8 (two issues) and Vol. 9 (two issues)
- Editor, A White Paper of Marine Education, Ministry of Education (2007 – present)
- Editor, 2006 Marine Policy White Paper, Executive Yuan (Cabinet) (2004 – 2006)
- Organizer, The 2007 National Summit on Marine Education, Ministry of Education (January 2007)
- Organizer, The 7th APEC Roundtable Meeting on the Involvement of Business/Private Sector in the Sustainability of Marine Environment, Taipei, Taiwan (April 2007)
- Organizer, The 2007 International Symposium on Marine Affairs and the Law of the Sea, Taipei, Taiwan (May 2007)
- Organizer, The Second Taiwan-Japan Seminar on Development and Management of Fisheries, Taipei, Taiwan (July 2007)
- Organizer, The 8th APEC Roundtable Meeting on the Involvement of Business/Private Sector in the Sustainability of Marine Environment, Taipei, Taiwan (November 2007)
- Co-organizer, 2007 International Conference on National Parks and Green Network – Toward “Green” Taiwan, Taipei, Taiwan (December 2007)

#### Recent Publications

##### Books

1. 邱文彥 (2003), 「海岸管理：理論與實務」, 台北：國立編譯館主編，五南圖書出版公司印行，二版一刷。
2. 邱文彥編著 (2003), 「海洋與台灣：海洋文化與歷史」, 台北：胡氏出版社。
3. 邱文彥編著 (2003), 「海洋與台灣：海洋產業發展」, 台北：胡氏出版社。
4. 邱文彥編著 (2003), 「海洋與台灣：航運貿易新趨勢」, 台北：胡氏出版社。
5. 邱文彥編著 (2003), 「海洋與台灣：海洋永續經營」, 台北：胡氏出版社。
6. 邱文彥 (2004), 「迎戰全球化、台灣向前走－生態環保」, 第六章海岸規劃與管理, 149-173 頁, 台北：財團法人國家展望文教基金會、台灣心會出版。
7. 邱文彥主編, 2009, 「氣候變遷與海洋保護」, 「海洋台灣：永續發展」系列叢書之一, 基隆：國立台灣海洋大學、台灣研究基金會。
8. 邱文彥主編, 2009, 「海洋產業與科技創新」, 「海洋台灣：永續發展」系列叢書之一, 基

- 隆：國立台灣海洋大學、台灣研究基金會。
9. 邱文彥主編，2009，「教育文化與海洋法政」，「海洋台灣：永續發展」系列叢書之一，基隆：國立台灣海洋大學、台灣研究基金會。
  10. Chen, Chen-Tung Arthur and Chiau, Wen-Yan (2003), Human Uses of the Oceans. In: Nihoul, J. C. J. and Chen, C. T. A. Eds. Encyclopedia of Life Support Systems (EOLSS), UNESCO, www.eolss.net.
  11. Chiau, Wen-Yan (2003), Human Use and Ocean Circulation. In: Nihoul, J. C. J. and Chen, C. T. A. Eds. Encyclopedia of Life Support Systems (EOLSS), UNESCO, www.eolss.net.
  12. Chiau, Wen-Yan(2003), Ocean Regeneration. In: Nihoul, J. C. J. and Chen, C. T. A. Eds. Encyclopedia of Life Support Systems (EOLSS), UNESCO.
  13. Chiau, Wen-Yan and Chen, Chen-Tung Arthur (2003), Management Options for Ocean Conservation In: Nihoul, J. C. J. and Chen, C. T. A. Eds. Encyclopedia of Life Support Systems (EOLSS), UNESCO, www.eolss.net.
  14. Chiau, Wen-Yan (2003), Management Options for Coral Reef Conservation. In: Nihoul, J. C. J. and Chen, C. T. A. Eds. Encyclopedia of Life Support Systems (EOLSS), UNESCO, www.eolss.net.
  15. Chiau, Wen-Yan (2004), Mangrove management in Taiwan. In: Bhandari, B. B., Kashio, M. and Nakamura, R. Eds. Mangroves in Southeast Asia: Status, Issues and Challenges. Tokyo: Ramsar Center Japan/IGES, pp. 101-104.

#### Refereed Papers

1. 邱文彥，2001，「濕地公園的規劃與課題」，科學月刊，第三十二卷，第七期，頁 571-577。
2. 邱文彥，2001，「台灣海岸生態系之保育 – 從阿瑪斯號貨輪溢油事件看海岸保護之整體規劃」，台灣文獻，第五十二卷第三期，頁 213-230。
3. 邱文彥，2002，「文化振興與觀光立縣」，文化生活，第五卷第三期(第二十七期)，頁 8-10。
4. 邱文彥、楊磊、張揚祺，2002，「陽明山竹子湖濕地水文水質之調查研究」，國家公園學報，第十二期，第一卷，頁 1-20。
5. 邱文彥，2002，「文化振興與觀光立縣」，文化生活，第五卷第三期，頁 8-10。
6. 邱文彥，2003，「海岸管理新願景」，科學發展月刊，第 362 期(二月號)，頁 53-63。
7. 邱文彥，2003，「後 SARS 時代的空間規劃」，科學發展月刊，第 403 期(七月號)，頁 585-588。
8. 邱文彥，2004，「全觀視野看海洋法的重要性」，大地地理雜誌，第 200 期特輯(十一月)，頁 42-43。
9. 邱文彥，2005，「海岸整合管理、資源無窮盡」。營建知訊，八月，第 271 期，頁 46-57。
10. 邱文彥，2005，「海岸管理挑戰、體制與對策」。研考雙月刊，八月，第 28 卷，第 4 期，頁 33-42。
11. 邱文彥，2005，向大海鞠躬，海洋高雄期刊(9月號)，6: 34-37。
12. 邱文彥，2005，海岸永續利用之落實，海洋及水下科技季刊(11月號)，15(3): 15-23。
13. 邱文彥，2006，海洋新倫理—跨世代的环境正義，應用倫理研究通訊(2月號)，37: 24-27。
14. 邱文彥，2006，水岸城市之願景，海洋高雄期刊(3月號)，8: 10-16。
15. 邱文彥，2006，海中的文化探險：東沙水下考古的起步與啓示。新活水雙月刊(9月號)，頁 56-64。
16. 邱文彥，2007，海洋國土的規劃：願景、範圍與主要議題。都市與計畫，第 34 卷，第三期，9 月，頁 241-272 (Planning for Taiwan's maritime territory: Visions, limits and major issues. Journal of City and Planning 34(3): 241-272)。 (TSSCI)
17. 邱文彥，2008，東沙水下考古的初勘與展望，「文化資產保存學刊」，第四期，頁 37-48。
18. 邱文彥，2008，「還給海洋一個空間」，農訓雜誌，第 25 卷第 8 期，八月，頁 14-17。
19. 邱文彥，2008，「從海洋牧場到海洋保育：人與海的對話」，新活水雙月刊，第 20 期，九月，頁 108-114。
20. 邱文彥，2008，「水環境教育」，2008 水、環境與社區研討會論文集，十月十八日，台北市，頁 4-9。

21. 邱文彥，2008，「千濤萬波，打造海洋台灣」，新活水雙月刊，第 21 期，十一月，頁 76-80。
22. 邱文彥，2009，世界海洋大會，「海洋高雄期刊」，第 22 期，頁 6-11，高雄。
23. 邱文彥、胡念祖，2009，印尼、世界海洋大會、全球矚目，「海洋高雄期刊」，第 22 期，頁 4-5，高雄。
24. 邱文彥、胡念祖，2009，迎接海洋的新時代：因應世界海洋會議之後的新情勢，「海洋高雄期刊」，第 22 期，頁 12-16，高雄。
25. 邱文彥、曾樹銘、傅瓊慧，2009，搶救「自由中國號」-- 舊金山古帆船勘查實錄，「海洋高雄期刊」，第 23 期，頁 30-34，高雄。
26. 邱文彥，2009，國際海洋新觀點，「海洋新契機：節能減碳、綠能革命」，頁 142-147，高雄市政府海洋局。
27. 邱文彥，2010，哥本哈根會議的回顧與前瞻，「科學月刊」，第 41 卷第 3 期，頁 164-165。
28. Chiau, Wen-Yan (2001), Initiative to save Chi-Ben Wetland in Chinese Taipei, APEC Bulletin on Marine Resource Conservation Working Group, Vol. 3, Issue 2, pp. 11-12.
29. Chiau, Wen-Yan (2001), Cleanup of the Amorgos Spill Completed. APEC Bulletin on Marine Resource Conservation Working Group, Vol. 3, Issue 3, p. 14.
30. Chiau, Wen-Yan (2002), Recent activities concerning wetlands conservation in Chinese Taipei. APEC Bulletin on Marine Resource Conservation and Fisheries, Vol. 4, Issue 1, p. 12-13.
31. Chiau, Wen-Yan (2002), Establishing the Dongsha (Pratas) Islands as the first MPA of Chinese Taipei. APEC Bulletin on Marine Resource Conservation and Fisheries, Vol. 4, Issue 2, p. 21-22.
32. Chiau, Wen-Yan and Chen, Li-Chen (2002), Environmental issues and challenges in Taiwan. 環境公害 (Research on Environmental Disruption), Vol. 32, No. 1, pp. 9-16. (in Japanese)
33. Yang, Lei and Chiau, Wen-Yan (2003), Development of constructed wetlands for water pollution control in Taiwan. 環境公害 (Research on Environmental Disruption), Vol. 32, No. 3, pp. 14-19. (in Japanese)
34. Chiau, Wen-Yan (2003), Ocean and Coastal Policies in Taiwan: Recent initiatives and issues. APEC Bulletin on Marine Resource Conservation and Fisheries. Vol. 5, Issue 2, pp. 17-18.
35. Chiau, Wen-Yan, Chou, Chiu L. & Shih Yi-Che (2004), "Marine Aquaculture in Chinese Taipei: Status, Institutions and Challenges", Bulletin on APEC Marine Resource Conservation, VOL. 6, NO. 2, pp.15-20.
36. Chiau, Wen-Yan, Chou, Chiu L. & Shih Yi-Che (2004), "Status of Marine Aquaculture in Chinese Taipei and An APEC Pilot Study for Assessment of Environmental Carrying Capacity and Development of Risk Assessment Methodologies and Guidelines for Use in Sustainable Marine Aquaculture", Bulletin on APEC Marine Resource Conservation, VOL. 6, NO. 4, pp.1-7.
37. Chiau, Wen-Yan (2005), Changes in marine pollution system in response to the Amorgos oil spills in Taiwan. Marine Pollution Bulletin 51, 1041-1047. (SCI).
38. Chiau, Wen-Yan (2006), The Conservation Strategies of Dongsha (Pratas) Marine Park, Chinese Taipei. APEC Bulletin on Marine Resource Conservation and Fisheries 8(1): 23-25.
39. Chou, C.L., T. C. Shih and W. Y. Chiau (2006), Assessment of Environment Capacity and Development of Risk Assessment Mythologies and Guidelines for Use in Marine Aquaculture in APEC Region : A Pilot Study in Chinese Taipei. APEC Bulletin on Marine Resource Conservation and Fisheries 8(2): 12-17.
40. Chiau, Wen-Yan (2006), Lagoon Management and Black-faced Spoonbill Conservation : Issues and challenges in the Chiku Area, Taiwan. Journal of Coastal Research, Special Issue 39: 912-914. (SCI)
41. Chiau, Wen-Yan (2007), The marine environment in the South China Sea : Issue and challenges. In: Special Issues: Transboundary Environmental Issues in Southeast Asia. Asia-Pacific Forum 36: 227-247.
42. Shih, Y-C., Chou, C. L., and Chiau, W-Y. (2009), Geographic information system applied to

measuring benthic environmental impact with chemical measures on mariculture at Penghu Islet in Taiwan, *Science of the Total Environment* 407: 1824-1833 (SCI).

43. Chiau, Wen-Yan (2009), Environmental changes in Dongsha (Pratas) Atoll, Taiwan: Lessons from maritime archaeology. In: Special Issue: Island Environmental Histories and Management in the Asia-Pacific Region. *Asia-Pacific Forum* 44: 233.
44. Yi-Che Shih, Y-C. and Chiau, W-Y.(2009), Planning a marine protected area at Chinwan, Penghu, Taiwan, *Ocean & Coastal Management* 52: 433- 438 (SCI).
45. Chiau, Wen-Yan (2009), Integrated Coastal Zone Management. In: *Critical States: Environmental Challenges to Development in Monsoon Southeast Asia*. Eds. Lebel, L., Snidvongs, A., Chen, A. C-T., and Daniel, R. Malaysia, Strategic Information and Research Development Centre. pp. 343-357.
46. Shih, Y-C., Chou, C. L., and Chiau, W-Y. (2010), Maritime safety for fishing boat operations and avoidable hijacking in Taiwan, *Marine Policy* 34: 349-351 (SSCI).

### Conference Papers

1. Chiau, Wen-Yan (2001), Coral reef protection in the era of global change: lessons learned from three areas of Taiwan. Abstracts on Global Change and Sustainable Development in Southeast Asia – A SARCS Regional Science-Policy Conference, Chiang Mai, Thailand, 17-19 February 2001, pp. 30-31.
2. Chiau, Wen-Yan (2001), Integrated coastal management and local community involvement. International Workshop on Fisheries Policy and Management for the South-Pacific Region. 10-24 July 2001, Keelung.
3. Chiau, Wen-Yan (2001), Capability building and empowering local communities in wetland management: two cases in Taiwan. Symposium Program and Abstracts. Asia Wetland Symposium, 27-30 August 2001, p. 57.
4. Chiau, Wen-Yan (2001), The Canadian oil spill response regime and its possible application to coastal management in Chinese Taipei. Proceedings of APEC Roundtable Meeting on the Involvement of the Business/Private Sector in the Sustainability of the Marine Environment, Kaohsiung City, 11-12 October 2001, p. III.3-1—3-2.
5. Chiau, Wen-Yan (2002), Establisbing the Tungsha (Pratas) Islands as Taiwan's first marine protected areas: key issues and challenges. Proceedings of the Fourth Conference on the Protected Areas of East Asia, IUCN/WCPA-EA-4, Yangmingshan National Park, Taiwan. March 18-23, pp. 387-397.
6. Chiau, Wen-Yan (2002), Wetland conservation and its vision for Taiwan. Proceedings of Wetland Conservation and Need for International Cooperation in the Northern Asia. Pusan, Korea. May 24-25, 2002. Pp. 29-44.
7. Chiau, Wen-Yan (2002), Planning and management of marine ecotourism. Proceedings of Eco-turism Conference. Palau, September 12-13, 2002.Pp. 32-46.
8. Chiau, Wen-Yan (2002), Water resource management and its vision for Taiwan, Paper presented at the Conference of Society for Environmental Economics and Policy Studies. Hokkaido, Japan, September 28-29, 2002.
9. Chiau, Wen-Yan (2002), Ocean policy and management in Taiwan: issues and challenges. Paper presented at Oceanic Asia: Island's Forum. Fukuoka, Japan, November 29, 2002.
10. Chiau, Wen-Yan (2003), Marine protected areas in Taiwan: recent initiatives and issues. Proceedings of Marine Environmental Protection and Resources Sustainability. Taipei, Taiwan, November 3-4. 2003.
11. Chiau, Wen-Yan (2003), Conservation of the Spratly Islands: Issues and strategies, PACON ABSTRACT. Kaohsiung, Taiwan, November 30-December 3. 2003.
12. Chiau, Wen-Yan (2003), Lagoon Management and Black-faced Spoonbill Conservation : Issues and challenges in the Chiku Area, Taiwan , Proceedings of the International Workshop on Wise Use of Lagoon Wetlands, 23-25 July 2003, Kushiro, Japan, p. 104-110.
13. Chiau, Wen-Yan (2004), Sustainable development in the marine environment: Taiwan's

- initiatives and vision. Proceedings of Vietnam-Taiwan Workshop on Marine Geology, December 9, Hanoi, pp. 77-84.
14. Chiau, Wen-Yan, 2005, The involvement of the business/private sector in the sustainability of the marine environment and the issues for APEC. A paper presented at the APEC Symposium on the Protection of the Marine Environment from Land-based Sources of Pollution, Busan, Korea.
  15. Chiau, Wen-Yan, 2006, Marine protected areas in Taiwan: Institutions and sustainable strategies. A paper presented at the First Japan-Taiwan Seminar on Fisheries Economic Development and Resource Management, March 13-18, Tokyo, Japan.
  16. Chiau, Wen-Yan, 2006, The Revival of Underwater Culture Heritage : Taking Recent Initiatives in Dongsha National Marine Park as a Case. Proceedings of the International Roundtable Meeting on the Protection of Underwater Culture Heritage, November 15-16, Kaohsiung, Taiwan, pp. 1-43.
  17. Chiau, Wen-Yan, 2006, A Pilot Study on Underwater Culture Heritage in Dongsha (Pratas) of Taiwan. A paper presented at the 2005 International Workshop on the Management of Maritime Museum and the Protection of Maritime Heritage. December 16-17, Keelung, Taiwan.
  18. Chiau, Wen-Yan, 2007, The coastal policy in Taiwan: Recent development and challenges ahead. Final report of the 2007 International Symposium on Marine Affairs and the Law of the Sea, May 10-11, Taipei, Taiwan, pp. 3-33~3-45.
  19. Chiau, Wen-Yan, 2007, Coastal planning and its implications to fisheries : Recent initiatives and perspectives in Taiwan. Abstract and Program of the Second Taiwan –Japan Seminar on Development and Management of Fisheries, July 16-18, Taipei, Taiwan, P. B-5.
  20. Chiau, Wen-Yan, 2007, Cetacean protection in Taiwan: Legal aspects. Proceedings of the 12th Symposium/Workshop on Cetacean Ecology and Conservation: Threats and Strategies. October 10-11, Taichung, Taiwan, pp. 154-155.
  21. Chiau, Wen-Yan, 2007, Green ports and ecoports: An introduction. Final report of the 8th APEC Roundtable Meeting on the Involvement of the Business/Private Sector in Sustainability of the Marine Environment, 6-8 November 6-8, Taipei, Taiwan, pp. 4-1-2~4-1-11.
  22. Chiau, Wen-Yan, 2008, Ecological and environmental changes in Dongsha (Pratas) Island, Taiwan: lessons learned from the recent initiatives of maritime archaeology, Proceedings of the Workshop on Timescapes of Islands in the Asia-Pacific Region: Environmental History and Time Horizons of Management. October 27-28, Taipei, Taiwan, pp.1-15.