

CURRICULUM VITAE

Full name: Dr Martin Cryer
Present position: Science Manager, Aquatic Environment
Present employer: Ministry for Primary Industries, Wellington

Academic qualifications:

1983 PhD, University of East Anglia, UK, Freshwater Fisheries Ecology
1979 BTech (Hons, 1st class), University of Bradford, UK, Applied Ecology
1975 4 GCE (UK) Advanced level passes (grades A, A, B, C)
1973 10 GCE (UK) Ordinary level passes (grades 1, 1, 2, 2, 2, 3, 3, 3, 4, 6)

Professional positions held:

2015–2016 Manager Fisheries Science (Acting) Ministry for Primary Industries, Wellington: research portfolio and science team management, including lead role on marine amateur fisheries and South Pacific high seas fisheries, liaison with other departments, mentoring and intellectual leadership (2 direct reports).

2005– Science Manager, Aquatic Environment, Ministry of Fisheries (now Ministry for Primary Industries), Wellington: research portfolio management for aquatic environment biodiversity, and South Pacific issues, contribution / backup on shellfish stock assessment and recreational fisheries research, liaison with other departments, mentoring and intellectual leadership (5–6 direct reports).

2004–2005 Science Leader, Shellfisheries & Effects of Fishing, NIWA, Auckland: fisheries stock assessment (especially shellfish) and other fisheries and fishing effects research, mentoring and intellectual leadership (company-wide, no direct reports).

2000–2004 Principal Scientist, Fisheries & Marine Ecology, NIWA, Auckland: fisheries stock assessment (especially shellfish) and other fisheries and fishing effects research, including group leadership (~12 direct reports).

1995–2000 Scientist/Project Director, NIWA, Auckland: fisheries stock assessment (especially shellfish) and other fisheries research, including group leadership (7–9 direct reports).

1990–1995 Fisheries Management Scientist, MAF Fisheries Auckland: fisheries stock assessment research (especially shellfish), policy advice, fisheries management implementation, group leadership (3–8 direct reports).

1986–1990 Postdoctoral Research Scientist, NZ Wildlife Service (Department of Internal Affairs), then Department of Conservation, Turangi, NZ: fisheries stock assessment for rainbow trout in Lake Taupo, also occasional work on departmental priorities including rural fire fighting, biosecurity issues, wild animal control, etc.

1984–1985 Research Supervisor (8 direct reports), University of Wales Institute of Science & Technology, Cardiff, UK: effects of marine and freshwater recreational fishers on wildlife and site amenity.

1983–1984 Postdoctoral Research Scientist, Waikato University, Hamilton, NZ: predator-prey relations of rainbow trout in contrasting Rotorua and Waikato lakes.

1979–1983 Postgraduate Research Scientist, University of East Anglia, Norwich, UK: zooplankton population dynamics and predator-prey relations with fish in shallow Norfolk lakes.

1977–1978 Assistant Scientific Officer, Ministry of Agriculture Fisheries & Food, Lowestoft, UK: fisheries research on recruitment dynamics in edible crabs.

Other key qualifications:

2015 (most recent) Floor Warden Safety Awareness
2014 (most recent) St John's: Workplace first aid
2001 Department of Labour (OSH): Occupational diver, research
1998 Coastguard Boating Education: Engine maintenance (outboards)
1992 Coastguard Boating Education: Boatmaster

- 1988 Department of Conservation; Basic forest fire fighting
- 1987 MAF Fisheries: Scientific diver
- 1987 PADI: Rescue diver and Master SCUBA diver
- 1987 NZ Post Office: Restricted radiotelephone licence
- 1986 New Zealand firearms licence
- 1985 UK drivers licence (clean)
- 1985 Institute of Fisheries Management (UK): Certificate of professional competence.
- 1983 New Zealand Underwater Association: Open water diver
- 1983 New Zealand driver's licence (clean)

Present research/professional speciality:

My current role is to oversee the design, commissioning, review, and publication of results from the Ministry's research portfolios on aquatic environment issues, marine biodiversity, marine amateur fisheries, and South Pacific fisheries on the High Seas to ensure these research programmes are strategically aligned with the Ministry's and Government's future information needs. This involves substantial consultation and liaison with other business groups within the Ministry, but also externally with stakeholders, tangata whenua, fisheries planning groups, fishers' forums, research organisations, and other government departments. A key component is convening and chairing technical working groups that review a very wide variety of research projects and results including, *inter alia*, research on protected species (especially marine mammals and seabirds) in relation to fisheries impacts. The material under review is often complex and highly uncertain, a combination that encourages interest-group advocacy and tense, high-conflict discussions. My role also includes participation in the management of research portfolios for stock assessment (especially for shellfish and South Pacific deepwater bottom fisheries) and recreational fisheries, and general science advice on aquatic environment, marine biodiversity, and fisheries assessment issues within the Ministry. I am also active in inter-departmental and international science issues, including developing investment signals and guidance for MBIE, working on the National Marine Research Strategy, developing the "whole of government" Oceans Survey 20/20 programme, and representing New Zealand at the South Pacific Regional Fisheries Management Organisation and the Agreement on the Conservation of Albatrosses and Petrels. I sit on a variety of advisory panels across government and internationally. I periodically acted in the Level-2 roles of Chief Scientist and Deputy Chief Executive at MFish, and have several times acted as Director of Fisheries Management for MPI. I was Acting Manager Fisheries Science, responsible for the oversight of all stock assessment, marine amateur fisheries, effects of fishing, and marine biodiversity research, between August 2015 and January 2016.

Honours/distinctions/membership of societies, institutions, committees:

- Member, interim science management group for the Sustainable Seas National Science Challenge (2014–2015)
- Convenor and Chair, MPI Marine Amateur Fisheries Working Group (2015–)
- Convenor and Chair, MPI South Pacific Working Group (2014–)
- Head of New Zealand delegation to the Scientific Committee of the South Pacific Regional Fisheries Management Organisation (2014–)
- Member, United Nations Food & Agriculture Organisation Pool of Experts for the First World Ocean Assessment (2013–)
- Member, New Zealand delegation to the Agreement on the Conservation of Albatrosses and Petrels science working groups and Advisory Committee (2013–2014)
- Member, British Ecological Society Grants and Scholarship Review College (2012–)
- Member, Assessment Panel, Ministry of Business Innovation and Employment (previously FRST, MSI) Science Investment Rounds (2011–)
- Member, NIWA's Coasts & Oceans Science Advisory Panel (2011–)
- Member, New Zealand delegation to the Science Working Group in support of negotiations for the South Pacific Regional Fisheries Management Organisation (2008–2011)

Honorary Research Associate and PhD supervisor, School of Biological Sciences, Victoria University of Wellington (2011–2015)

Member, FRST-Antarctica NZ Independent Panel for Antarctic Research Proposals (2009–2010).

Chair, Ministry of Fisheries Aquatic Environment Research Advisory Group for provisional ten-year research programme (2009–).

Member, Ministry of Fisheries Review Panel for draft Fisheries Plans (2007–2008).

Member, Science Working Group and Deepwater Subgroup, Negotiations for a South Pacific Regional Fisheries Management Organisation (2007–2010).

Member, Governance Groups, NIWA’s “Marine Biodiversity & Biosecurity” and “Coasts & Oceans” Outcome Based Investments (OBIs) (2005–2011).

Member, Coastal Technical Advisory Group, NIWA’s “Marine Biodiversity & Biosecurity” and “Coasts & Oceans” OBIs (2005–2009).

Member and occasional Chair (since 2006), Ministry of Fisheries Shellfish, Biodiversity, and Marine Amateur (Recreational) Fisheries Working Groups and Research Planning Groups (2000–).

Convenor and Chair, Ministry of Fisheries Aquatic Environment Working Group and Aquatic Environment Research Planning Group (2005–2014) (member since inception in ~1998).

Member, NIWA Diving Control Board (2001–2005).

Membership of professional societies:

- American Academy of Underwater Sciences (2002–2006).
- New Zealand Marine Sciences Society (1990–) (Council member 2003–2007).
- British Ecological Society (1985–),
- Fisheries Society of the British Isles (1985–1995),
- New Zealand Limnological Society (1983–1995),

National Research Advisory Council (NZ) Postdoctoral Research Fellowship (1986–1990).

Hillary Jolly (NZ) Postdoctoral Research Fellowship (1983–1984).

Royal Society (UK) Research Travel Grant (1983).

Senate Disciplinary Committee and Senate Disciplinary Appeals Committees, University of East Anglia (1980–1983).

Natural Environment Research Council (UK) Postgraduate Research Appeals Grant (1979–1983).

LIST OF PUBLICATIONS

This list includes some peer-reviewed “grey literature” but excludes various unpublished series administered by the New Zealand government (Final Research Reports and Client Reports) totalling roughly 15 per year between 1995 and 2005). Voyage Programmes, Voyage Reports, unpublished conference proceedings, lectures, and non-scientific national reports, papers, and notifications for RFMOs are also excluded.

- Nichols, J.H.; **Cryer, M.** (1978). Hatching areas and drift of the planktonic stages of the edible crab, *Cancer pagurus* L. off the north east coast of England in 1976. *International Council for the Exploration of the Sea Science meeting, 1978/K:3 Shellfish Committee (mimeo)*.
- Nichols, J.H.; Thompson, B.M.; **Cryer, M.** (1982). Production, drift, and mortality of the planktonic larvae of the edible crab (*Cancer pagurus*) off the north east coast of England. *Netherlands Journal of Sea Research* 16: 173–184.
- Cryer, M.** (1983). Zooplankton population dynamics, production, and predation by fish in a shallow Norfolk broad. Unpublished Ph.D. thesis, University of East Anglia, Norwich, UK.
- Winfield, I.J.; Peirson, G.; **Cryer, M.** (1983). The behavioural basis of prey selection by underyearling bream (*Abramis brama*) and roach (*Rutilus rutilus*). *Freshwater Biology* 13: 139–149.
- Peirson, G.; **Cryer, M.**; Winfield, I.J.; Townsend, C.R. (1985). The impact of reduced nutrient loading on the fish community of a small isolated lake, Alderfen Broad. *Proceedings of the 4th British Freshwater Fisheries Conference* 167–175.

- Townsend, C.R.; Winfield, I.J.; Peirson, G.; **Cryer, M.** (1986). The response of young roach, *Rutilus rutilus*, to seasonal changes in abundance of microcrustacean prey: a field demonstration of switching. *Oikos* 46: 372–378.
- Cryer, M.**; Peirson, G.; Townsend, C.R. (1986). Reciprocal interactions between roach, *Rutilus rutilus*, and zooplankton in a small lake: prey dynamics and fish growth and recruitment. *Limnology and Oceanography* 31: 1022–1038.
- Edwards, R.M.; **Cryer, M.** (1987). Angler litter. In: Maitland P.S. & Turner A. (eds.) Angling and wildlife in freshwaters. *Institute of Terrestrial Ecology Symposium* 19: 7–14.
- Cryer, M.**; Winterbotham, M.D. (1987). A field trial of the fish catching efficiency of fluorescent nylon monofilament used in fly angling. *Aquaculture and Fisheries Management* 18: 197–200.
- Cryer, M.**; Edwards, R.M. (1987). The impact of angler groundbait on benthic invertebrates and sediment respiration in a shallow eutrophic reservoir. *Environmental Pollution* 46: 137–150.
- Cryer, M.**; Corbett, J.J.; Whittle, G.N. (1987). Weighing-in times for fish catches. *I.F.M. Journal, Fish* 1987(4): 25.
- Cryer, M.**; Corbett, J.J.; Winterbotham, M.D. (1987). The deposition of hazardous litter by anglers at coastal and inland fisheries in South Wales. *Journal of Environmental Management* 25: 125–135.
- Cryer, M.**; Whittle, G.N.; Williams, R.W. (1987). The impact of bait collection by anglers on marine intertidal invertebrates. *Biological Conservation* 42: 83–93.
- Cryer, M.**; Linley, N.W.; Ward, R.M.; Stratford, J.O.; Randerson, P.F. (1987). Disturbance of overwintering wildfowl by anglers at two reservoir sites in South Wales. *Bird Study* 34: 191–199.
- Cryer, M.**; Townsend, C.R. (1988). Spatial distribution of zooplankton in a shallow eutrophic lake with a discussion of its relation to fish predation. *J. Plankton Research* 10: 487–501.
- Cryer, M.** 1988. Predatory impact of New Zealand smelt on natural populations of zooplankton. *Verhandlungen Internatiale Verein Theoristische Angew. Limnologie* 23: 1778–1783.
- Cryer, M.**; Townsend, C.R. (1989). Generation time of *Acanthocyclops robustus* in relation to food availability and temperature in a shallow eutrophic lake. *Hydrobiologia* 182: 93–97.
- Forsyth, D.J.; James, M.R.; **Cryer, M.** (1990). Alteration of seasonal and diel patterns in vertical migration of zooplankton by *Anabaena* and planktivorous fish. *Archiv fur Hydrobiologie* 117: 385–404.
- Cryer, M.** (1990). Counting Taupo's trout. *Conservation Science Information Leaflet No. 1*, 4pp. Department of Conservation, Wellington.
- Cryer, M.** (1991). Lake Taupo trout production. *Department of Conservation Science & Research Series No. 26*. 191 pp. Department of Conservation, Wellington.
- Cryer, M.**; MacLean, G.D. (1991). Catch for effort in a New Zealand recreational trout fishery: a model and implications for survey design. *Chapter 5 in Cowx I.G. (ed.) Catch Effort Sampling Strategies, their Application in Freshwater Fisheries Management*. Fishing News Books, Oxford UK.
- Cryer, M.** (1994). Estimating CAY for Northern scallops: a technique based on biomass and yield in the Whitianga bed. *New Zealand Fisheries Assessment Research Document 94/14*. MAF Fisheries, Wellington. 18 p.
- Cryer, M.** (1995). Angler survey methods and their application in fisheries management by K.H. Pollock *et al.* 1994. Book review. *New Zealand Journal of Marine & Freshwater Research* 29: 436–438.
- Cryer, M.** (1996). Trout yield in Lake Taupo, New Zealand: Anglers' Eldorado or just another puddle? pp 378–385 *In Cowx I.G. Stock Assessment Methods in Inland Fisheries*. Fishing News Books, Oxford, UK.
- Cryer, M.** (1996). A hydroacoustic assessment of a rainbow trout (*Oncorhynchus mykiss*) population in a deep oligotrophic lake. pp 196–205 *In Cowx I.G. Stock Assessment Methods in Inland Fisheries*. Fishing News Books, Oxford, UK.

- Cryer, M.** (1996). Scampi stock assessment for 1996. *New Zealand Fisheries Assessment Research Document 96/10*. Ministry of Fisheries, Wellington. 25 p.
- Cryer, M.** (1997). Development of techniques for estimating the recreational harvest of marine fish species in New Zealand. *Proceedings of the 2nd World Fisheries Conference*, Brisbane (Australia), 28 Jul.–2 Aug., 1996.
- Cryer, M.** (1997). Assessment of cockles on Snake Bank, Whangarei Harbour, for 1996. *New Zealand Fisheries Assessment Research Document 97/02*. Ministry of Fisheries, Wellington. 29 p.
- Cryer, M.; Stotter, D.R.** (1997). Trawling and tagging of scampi off the Aldermen Islands, western Bay of Plenty, September 1995 (KAH9511). *New Zealand Fisheries Data Report No. 84*. 11 p.
- Cryer, M.** (1998). Coromandel and Northland scallop stock assessments for 1997. *New Zealand Fisheries Assessment Research Document 98/7*. Ministry of Fisheries, Wellington. 11p.
- Cryer, M.; Doonan, I.; Coburn, R.; Hartill, B. W.** (1998). Scampi stock assessment for 1997. *New Zealand Fisheries Assessment Research Document 98/28*. Ministry of Fisheries, Wellington. 77 p.
- Thrush, S. F.; Hewitt, J.E.; Cummings, V. J.; Dayton, P. ; **Cryer, M.**; Turner, S. J.; Funnell, G.; Budd, R.; Milburn, C.; Wilkinson, M.R. (1998). Disturbance of the marine benthic habitat by commercial fishing: impacts at the scale of the fishery. *Ecological Applications* 8: 866–879.
- Cryer, M.** (1999). Coromandel and Northland scallop stock assessment for 1998. *New Zealand Fisheries Assessment Research Document 99/37*. Ministry of Fisheries, Wellington. 14 p.
- Cryer, M.; Coburn, R.; Hartill, B.W.; O’Shea, S.; Kendrick, T.H.; Doonan, I.** (1999). Scampi stock assessment for 1998 and an analysis of the fish and invertebrate bycatch of scampi trawlers. *New Zealand Fisheries Assessment Research Document 99/4*. Ministry of Fisheries, Wellington. 74 p.
- Cryer, M.; Parkinson, D.M.** (1999). Dredge surveys and sampling of commercial landings in the Northland and Coromandel scallop fisheries, 1998. *NIWA Technical Report No. 69*. 63 p.
- Cryer, M.; Stotter, D.R.** (1999). Movement and growth rates of scampi inferred from tagging, Alderman Islands, western Bay of Plenty. *NIWA Technical Report No. 49*. 34 p.
- Morrison, M.A.; **Cryer, M.** (1999). Stock assessment of cockles on Snake and McDonald Banks, Whangarei Harbour, 1998. *New Zealand Fisheries Assessment Research Document 99/7*. Ministry of Fisheries, Wellington. 12 p.
- Cryer, M.** (2000). An appraisal of in-season depletion methods of estimating biomass and yield in the Coromandel scallop fishery. *New Zealand Fisheries Assessment Report 2000/08*. Ministry of Fisheries, Wellington. 28 p.
- Cryer, M.** (2000). Coromandel scallop stock assessment for 1999. *New Zealand Fisheries Assessment Report 2000/09*. Ministry of Fisheries, Wellington. 15 p.
- Cryer, M.; Coburn, R.** (2000). Scampi stock assessment for 1999. *New Zealand Fisheries Assessment Report 2000/07*. Ministry of Fisheries, Wellington. 60 p.
- Cryer, M.; O’Shea, S.; Gordon, D.P.; Kelly, M.; Drury, J.; Morrison, M.A.; Hill, A.; Saunders, H.; Shankar, U.; Wilkinson, M.; Foster, G.** (2000). Distribution and structure of benthic invertebrate communities between North Cape and Cape Reinga. *Final Research Report for Ministry of Fisheries Research Project ENV9805*. Ministry of Fisheries, Wellington. 154 p.
- Hartill, B.W.; **Cryer, M.** (2000). Shellfish harvesting in the Auckland metropolitan area. *NIWA Technical Report No. 96*. 51 p.
- Hartill, B.W.; **Cryer, M.** (2001). Recreational catch and effort in the Ministry of Fisheries North Region. *NIWA Technical Report No. 101*. 64 p.
- Cryer, M.** (2002). Northland and Coromandel scallop stock assessments for 2001. *New Zealand Fishery Assessment Report 2002/60*. Ministry of Fisheries, Wellington. 20 p.
- Cryer, M.; Hartill, B.W.; O’Shea, S.** (2002). Modification of marine benthos by trawling: toward a generalization for the deep ocean? *Ecological Applications* 12: 1824–1839.
- Cryer, M.; Hartill, B.W.; Downing, K.; Drury, J.; Armiger, H.J.; Middleton, C.; Smith, M.D.** (2002). Developing a visual census technique for deep-water crustacean stock assessments.

- Proceedings of the 5th International Crustacean Congress*, Melbourne (Australia), 9–13 Jul., 2001. The Crustacean Society.
- Cryer, M.**; Hartill, B.W.; O’Shea, S. (2002). Effects of trawling on deep-water soft-sediment benthic communities. *Proceedings of the 5th International Crustacean Congress*, Melbourne (Australia), 9–13 Jul., 2001. The Crustacean Society.
- Cryer, M.**; Parkinson, D.M. (2002). Dredge surveys of scallops in the Northland and Coromandel scallop fisheries, 2001. *New Zealand Fisheries Assessment Report 2002/61*. Ministry of Fisheries, Wellington. 24 p.
- Cryer, M.** (2003). New Zealand’s trawl fishery for scampi, *Metanephrops challengeri* on the continental slope. *Proceedings of FAO Workshop on small scale and artisanal fisheries*, Dunedin, November 2003. FAO, Rome.
- Cryer, M.**; Hartill, B.W.; O’Shea, S. (2003). Deepwater trawl fisheries modify benthic community structure in similar ways to fisheries in coastal systems. *Proceedings of a symposium on the effects of fishing activities on benthic habitats: linking geology, biology, socioeconomics, and management*, Tampa, FL (USA), 12–14 Nov., 2002. Ecological Society of America.
- Cryer, M.**; Hartill, B.W.; Dunn, A. (2004). Toward a length-based population model for New Zealand scampi (*Metanephrops challengeri*). 37 p. In: Anon (2004) *Report from the ICES Nephrops Working Group*, Lisbon 27 March –3 April 2004.
- Cryer, M.**; Dunn, A.; Hartill, B.W. (2005). Length-based population model for scampi (*Metanephrops challengeri*) in the Bay of Plenty (QMA 1). *New Zealand Fishery Assessment Report 2005/27*. Ministry of Fisheries, Wellington. 55 p.
- Cryer, M.**; Nodder, S.; Thrush, S.F.; Lohrer, A.; Gorman, R.; Vopel, K.; Baird, S.J. (2005). The effects of trawling and dredging on benthic-pelagic coupling processes in the New Zealand EEZ. *New Zealand Fishery Assessment Report*. Ministry of Fisheries, Wellington. 66p.
- Cryer, M.**; Parkinson, D.M. (2005). Biomass surveys and stock assessments for Northland and Coromandel scallops, 2003. *New Zealand Fisheries Assessment Report 2005/11*. Ministry of Fisheries, Wellington. 48p.
- Cryer, M.**; McKenzie, J.R.; Breen, P.A.; Kim, S.; Parkinson, D.M.; Smith, M.D.; MacKay, G.; Tasker, R. (2005). Biomass surveys and stock assessment of cockles in Whangarei Harbour, including Snake Bank, 2002. *New Zealand Fisheries Assessment Report*. Ministry of Fisheries, Wellington. 40 p.
- Hartill, B.W.; **Cryer, M.**; Morrison, M. (2005). Estimates of biomass, sustainable yield, and harvest: neither necessary nor sufficient for the management of non-commercial urban intertidal fisheries. *Fisheries Research* 71: 209–222.
- Watson, T.G.; **Cryer, M.**; Smith, M.D.; MacKay, G.; Tasker, R. (2005). Biomass survey and stock assessment of cockles on Snake Bank, Whangarei Harbour, 2003. *New Zealand Fisheries Assessment Report 2005/15*. Ministry of Fisheries, Wellington. 36 p.
- Cryer, M.**; Downing, K.; Hartill, B.W.; Drury, J.; Armiger, H.J.; Middleton, C.; Smith, M.D. (2005). Digital photography as a stock assessment tool for *Metanephrops challengeri* on New Zealand’s continental slope. In: *Deep Sea 2003 : Conference on the Governance and Management of Deep-sea Fisheries. Part 1. (ed. Ross Shotton) Conference reports. 1-5 December 2003, Queenstown, New Zealand. 299–307.*
- Cryer, M.**; Hartill, B.W.; Rush, N. (2006). Unstandardised CPUE indices and fishery descriptions for scampi (*Metanephrops challengeri*) 1988–2004. *New Zealand Fishery Assessment Report*. Ministry of Fisheries, Wellington. 37 p.
- Hartill, B.W.; **Cryer, M.**, MacDairmid, A.D. (2006). Reducing bycatch in scampi trawl fisheries. *New Zealand Aquatic Environment Biodiversity Report No. 4*. Ministry of Fisheries, Wellington. 53 p.
- Williams, J.R.; **Cryer, M.**; McKenzie, J.R.; Smith, M.D.; Watson, T.G.; Mackay, G.; Tasker, R. (2006). Biomass survey and stock assessment of pipi (*Paphies australis*) on Mair Bank, Whangarei Harbour, 2005. *New Zealand Fishery Assessment Report 2006/21*. Ministry of Fisheries, Wellington. 21 p.

- Cryer, M.**; Parkinson, D.M. (2006). Biomass surveys and stock assessments for the Coromandel and Northland scallop fisheries, 2005. *New Zealand Fishery Assessment Report 2006/34*. Ministry of Fisheries, Wellington. 53 p.
- Williams, J.R.; **Cryer, M.**; Hooker, S.H.; Smith, M.D.; Watson, T.G.; Mackay, G.; Tasker, R. (2007). Biomass survey and stock assessment of pipi (*Paphies australis*) on Mair Bank, Whangarei Harbour, 2005. *New Zealand Fishery Assessment Report 2007/3*. Ministry of Fisheries, Wellington. 29 p.
- Hartill, B.; Watson, T.; **Cryer, M.**; Armiger, H.M. (2007). Recreational marine harvest estimates of snapper and kahawai in the Hauraki Gulf in 2003-04. *New Zealand Fishery Assessment Report 2007/25*. Ministry of Fisheries, Wellington. 55 p.
- Penney, A.; Parker, S.; Brown, J.; **Cryer, M.**; Clark, M.; Sims, B. (2008). New Zealand Implementation of the SPRFMO Interim Measures for High Seas Bottom Trawl Fisheries in the SPRFMO Area. Paper presented to the 5th meeting of the Science Working Group of the South Pacific Regional Fisheries Management Organisation, Guayaquil, Ecuador, 3 March 2008. SPRFMO-V-SWG-09. 27 p.
- Cryer, M.**; Morrison, M.A.; Davies, N.M.; Ford, R. (2009). Including the incidental effects of scallop dredging greatly affects fishery models and management advice. *International Council for the Exploration of the Sea Science meeting, 21–25 Sept 2009. ICES CM K:04*.
- Cryer, M.**; Rees, E.B.; Smith, N.W.M. (2011). From rhetoric to reality — delivering an integrated catch estimation system with correlation and calibration for New Zealand amateur fisheries. Discussion paper for American Fisheries Society 141st Annual Meeting, Seattle, September 2011.
- Hartill, B.H.; **Cryer, M.**; Lyle, J.M.; Rees, E.B.; Ryan, K.L.; Steffe, A.S.; Taylor, S.M.; West, L.; Wise, B.S. (2012). Scale- and context-dependent selection of recreational harvest estimation methods: the Australasian experience. *North American Journal of Fisheries Management* 32:109–123.
- Mace P.M.; Sullivan K.J.; **Cryer, M.** (2014). The evolution of New Zealand’s fisheries science and management systems under ITQs. *ICES Journal of Marine Science* 74:204–215.
- Parsons D.M.; Sim-Smith C.J.; **Cryer M.**; Francis M.P.; Hartill B.H.; Jones E.; Le Port A.; Lowe M.; McKenzie J.R.; Morrison M.A.; Paul L.J.; Radford C.; Ross P.M.; Spong K.T.; Trnski T.; Usmar N.; Walsh C.; Zeldis J. (2014). Life history and potential threats for snapper (*Chrysophrys auratus*: Sparidae) in New Zealand. *New Zealand Journal of Marine and Freshwater Research* 48: 256–283.
- Cryer, M.**; Fenaughty, J. (2015) Proposal for exploratory bottom longlining for toothfish by New Zealand vessels outside the bottom lining footprint during 2016 and 2017: description of proposed activities and impact assessment. Paper SC-03-DW-01_rev2, 3rd Meeting of the Scientific Committee of the South Pacific Regional Fisheries Management Organisation. Port Vila, Vanuatu, September 2015.
- Clark, M.R.; Roux, M-J.; **Cryer, M.** (2015) New Zealand assessment of stocks of orange roughy. Paper SC-03-DW-02, 3rd Meeting of the Scientific Committee of the South Pacific Regional Fisheries Management Organisation. Port Vila, Vanuatu, September 2015.
- Cryer, M.** (2015) Predicting the distribution of Vulnerable Marine Ecosystems and options for designing spatial management areas for bottom fisheries within the SPRFMO Convention Area. Paper SC-03-DW-04, 3rd Meeting of the Scientific Committee of the South Pacific Regional Fisheries Management Organisation. Port Vila, Vanuatu, September 2015.
- C. Parada, S. Frusher, R. H. Bustamante, E. Di Lorenzo, P. Bernal, **M. Cryer**, A. Dunn, R. Garreaud, M. Gutierrez, S. Jennings, A. Montecinos, S. Neira, R. A. Quiñones, K. Takahashi, R. Tascheri, B. Yannicelli (2016). South Pacific Integrated Ecosystem Studies meeting: toward conservation and sustainable use of marine resources in the South Pacific. *Fisheries Oceanography* 25 (S1): 1–4.
- Cryer, M.**; Mace P.M.; Sullivan K.J. (2016). New Zealand’s ecosystem approach to fisheries management. *Fisheries Oceanography* 25(S1): 57–70.