

Steve Eays – Curriculum Vitae (abbreviated)
 Research Scientist - Fish Behavior/ Gear Technology
 Gulf of Maine Research Institute. 350 Commercial St. Portland. ME. 04101.
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Education

Australian Maritime College, Fisheries, M.Phil., 2006.
 Australian Maritime College, Fisheries Technology, B.App.Sc., 1987.
 University of New Hampshire, NH. PhD Natural Resources and Earth Sciences (ongoing)

Awards

Australian Maritime College Council Award for Academic Excellence in Scholarship. 1998.
 Collaborative Fisheries Research Fellowship. Virginia Sea Grant/Northeast Consortium/SMAST. 2010

Professional Experience

2007 – present Research Scientist - Fish Behavior/ Gear Technology. GMRI
 1995 – 2007 Fishing technologist. Australian Maritime College (AMC).
 Program Leader (Program F – Fisheries Technology), Australian Maritime Engineering Co-
 operative Research Centre (1996-97), AMC.
 Flume tank manager (1996-99), AMC.
 1991 – 1995 Lecturer, Fishing Technology. AMC.
 1990 – 1991 Prawn fisherman. Bay of Bengal, Myanmar.
 1990 Trawl fisherman. Tasmania, Australia.
 1990 Netmaker. Tasmania, Australia.
 1989 Prawn fisherman. Northern Prawn Fishery and NW Shelf Scampi fishery. Australia.
 1988 Lecturer, Fishing Technology. AMC.
 1982 – 1984 Prawn fisherman. Northern Prawn Fishery, Australia and the Persian Gulf, Saudi Arabia.
 1981 – 1982 Prawn processor. Queensland, Australia.

Funded Projects (2007 – present)

Project name	Budget	Project name	Budget
Electronic trip reporting	\$784,382.00	Codend catch sensor project	\$76,421.00
GEARNET	\$699,868.00	Flounder Trawl gear project	\$76,189.00
Scallop twine top design	\$245,140.00	Eco-efficiency in the seafood supply chain	\$50,000.00
MFA trawl selectivity project	\$194,127.00	Environmental Management Systems	\$35,328.00
Herring midwater trawl project	\$145,302.00	Pollock gillnet	\$33,688.00
Monkfish Study Fleet	\$118,584.00	Herring sorting grid project	\$29,629.00
Study Fleet	\$112,526.00	Port Clyde trawl project	\$20,822.00
Monkfish gillnet selectivity	\$99,186.00	Semi-Pelagic trawl door project	\$20,000.00
Shrimp bycatch survey	\$84,832.00	FAO bycatch reduction manual	\$19,560.00
Monkfish tiedown project	\$80,831.00	FAO bycatch reduction project	\$15,251.00

Total \$ 2,941,666

Committees/Working Groups

2010 – present	Judge, WWF International Smart Gear competition
2007 – present	Member of New England Fisheries Management Council – Habitat Plan Development Team.
2005 – present	Fishing Technology and Fish Behaviour Working Group. International Council for the Exploration of the Sea (ICES).
2006	Steering Committee. International Council for the Exploration of the Sea (ICES) Symposium on Fishing Technology in the 21st Century in Boston, USA. 2006.
2000 – 2006	Bycatch reduction committee – a sub-committee of the Northern Prawn Management Advisory Committee, Australia.
2001	Technical Committee. ASEAN-SEAFDEC Conference on Sustainable Fisheries for Food Security in the New Millennium. Bangkok, Thailand.

Selected Publications

Books/book chapters

- Eayrs, S.** (2012). *Practical guide on comparative testing of bycatch reduction devices in tropical shrimp-trawl fisheries*. Food and Agricultural Organization of the United Nations. Rome. ISBN 978 92 5 107361 2. 102 pp.
- Annala, J. & **Eayrs, S.**, 2010. Research priorities for marine research and conservation. In: *Handbook of marine conservation and management*. R. Quentin Grafton, Ray Hilborn, Dale Squires, Maree Tait and Meryl Williams (Eds.). Oxford University Press, New York. ISBN 978 0 19 537028 7. 770 pp.
- Winger, P., **Eayrs, S.** & Glass, C. 2010. Fish behaviour near bottom trawls. In *Behavior of Marine Fishes: Capture Processes and Conservation Challenges*. P. He (Editor). Ames, IA: Blackwell Sciences
- Eayrs, S.** 2005. *A guide to bycatch reduction in tropical shrimp-trawl fisheries*. Food and Agricultural Organization of the United Nations. Rome. ISBN 987 92 5 105674 5. 105 pp.
- Eayrs, S.**, Buxton, C., & McDonald, B., 1997, *A guide to bycatch reduction in Australian prawn trawl fisheries*. Australian Maritime College. ISBN 0 646 32823 9. 54 pp.

Refereed Papers

- Eayrs, S.**, Cadrin, S. X., & Glass, C. W. (in prep). Managing Change in Fisheries: adapting to new management strategies and environmental shifts. *J. Mar. Sci.*
- Grabowski, J.H, Bachman, M., Demarest, C., **Eayrs, S.**, Harris, B. P., Malkoski, V., Packer, D., & Stevenson, D. (in press). Assessing the Vulnerability of Marine Benthos to Fishing Gear Impacts. *Rev. Fish. Sci.*
- Yanase, K., **Eayrs, S.** & Arimoto, T. 2009. Quantitative analysis of the behaviour of the flatheads (Platycephalidae) during the trawl capture process as determined by real-time multiple observations. *Fish. Res.* 95: 28–39.
- Yanase, K., **Eayrs, S.** & Arimoto, T. 2007. Influence of water temperature and fish length on the maximum swimming speed of sand flathead, *Platycephalus bassensis*: Implications for trawl selectivity. *Fish. Res.* 842: 180-188.
- Eayrs, S.**, Nguyen, P. H., & Ley, J. 2007. Assessment of a juvenile and trash excluder device in a Vietnamese shrimp trawl fishery. *ICES J. Mar. Sci.* 64, 1598–1602.
- Piasente, M., Knuckey, I. A., **Eayrs, S.** & McShane, P. E. 2004. In situ examination of the behaviour of commercial fish in response to demersal trawl nets. *Mar. Freshwater Res.* 55: 1 - 11.
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