

STEVE EAYRS

1. Professional preparation

Degree	Year	Major	Institution
B. App. Sc.	1987	Fishing Technology	Australian Maritime College
M. Ph.	2000	Fisheries	Australian Maritime College

2. Appointments

2007 – present	Research Scientist	Gulf of Maine Research Institute
1991 – 2006	Fishing Technologist	Australian Maritime College
1989 – 1991	Commercial Fisherman	
1988 – 1989	Fishing Technologist	Australian Maritime College
1983 – 1985	Commercial Fisherman	

3. Publications most closely related to the proposed project

- Yanase, K., **Eayrs, S.** and Arimoto, T. (2009). Quantitative analysis of the behaviour of the flatheads (Platycephalidae) during the trawl capture process as determined by real-time multiple observations. *Fisheries Research* 95 (2009) 28–39.
- Eayrs, S.** (2007) A guide to bycatch reduction in tropical shrimp-trawl fisheries. Second edition. Food and Agricultural Organisation of the United Nations. Rome. Revised Edition. ISBN 978 92 5 105674 5. 105pp.
- Eayrs, S.** Nguyen P. H., and Ley, J (2007) Assessment of a juvenile and trash excluder device in a Vietnamese shrimp trawl fishery. *ICES Journal of Marine Science* 2007 64: 1598-1602; doi:10.1093/icesjms/fsm123.
- Yanase, K., **Eayrs, S.** and Arimoto, T. (2007). Influence of water temperature and fish length on the maximum swimming speed of sand flathead, *plactycephalus bassensis*: Implications for trawl selectivity. *Fisheries Research* 84 (2007) 180 – 188.
- Piasente, M., Knuckey, I. A., **Eayrs, S.** and McShane, P. E. (2004). In situ examination of the behaviour of commercial fish in response to demersal trawl nets. *Marine and Freshwater Research* (2004) 55: 1 - 11.
- Broadhurst. M., Kennelly. S. and **Eayrs. S.** (1999). Flow-related effects in prawn trawl codends: potential for increasing the escape of unwanted fish through square-mesh panels. *Fisheries Bulletin* 97:1 - 8.
- Brewer. D., Rawlinson. N., **Eayrs. S.** and Burridge. C. (1998). An assessment of Bycatch Reduction Devices in a tropical Australian prawn trawl fishery. *Fisheries Research* 720 (1998) 1 - 21.
- 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. 54pp.
- Brewer. D., **Eayrs. S.**, Mounsey, R. and Wang, Y. (1996). Assessment of an environmentally friendly, semi-pelagic fish trawl. *Fisheries Research* 26. (1996) 225 - 237.

4. Synergistic activity

- (1) 2007 - present – Member of NEFMC Habitat Plan Development Team (PDT)
- (2) 2007 – Consultant to Food and Agriculture Organization of the United Nations (FAO), leading trawl selectivity research project in Persian Gulf, Iran.
- (3) 2006 – Steering Committee Member, International Council for the Exploration of the Seas (ICES) symposium on Fishing Technology in the 21st Century. Boston.
- (4) 2000 - 2006 – Consultant to Food and Agriculture Organization of the United Nations (FAO), leading workshops and at-sea testing of bycatch reduction devices in tropical shrimp-trawl fisheries in Nigeria, Iran, Bahrain, Kuwait, Indonesia and Thailand. Funding provided by GEF\UNEP\FAO-Tropical Shrimp Trawl Project.

(5) 2000 - 2006 – Technical Advisor, South East Asian Fisheries Development Centre (SEAFDEC), and inter-governmental organization based in Bangkok, Thailand.

(6) 2003 - 2004 – Consultant to Kuwait Institute of Scientific Research (KISR) to lead bycatch reduction project in tropical shrimp-trawl fisheries.

(7) 2003 - 2004 – Project Leader, reducing whale shark bycatch in Taiwanese set net fisheries, in collaboration with the Koahsiung Marine University, Taiwan.

5. Collaborations and other affiliations

5.1 Collaborators (past 48 months)

Frank Chopin (FAO, Rome), Mike Osborne (WWF, San Francisco), Robin Davis (WWF, Switzerland), Bundit Chokesanguan (Sea East Asia Fisheries Development Centre, Thailand), Jennifer Litteral (Island Institute, Maine), Glen Libby (fisherman, Port Clyde Maine), S. Lee (fisherman, Portsmouth, NH), Maggie Raymond (Associate Fisheries of Maine), Henry Milliken (NOAA, Woods Hole, Ma), J. Hoey, E. Meredith (NOAA, Gloucester, Ma.), D. Salerno, S. Tallack, J. Stockwell, J. Annala (GMRI)

5.2 Research Management Experience

Principle Investigator with a current portfolio of 8 research projects in a diverse range of fisheries, including herring midwater trawl fishery, scallop dredge fishery, demersal trawl for groundfish and shrimp, and monkfish gillnet, and management of 3 technical staff. While at the Australian Maritime College, was manager of Fishing Technology Unit with staff of 5 and similar number of research students, and facilities valued at over A\$15 including largest flume tank in southern hemisphere.