

CURRICULUM VITAE – Professor Steve Kennelly

Goals:

- Promote science-based decision-making to world's best practice standards.
- Lead and drive excellence in objective decision-making based on high quality science.

Core competencies:

- Executive-level leader in fisheries and marine science and management, with over 35 years experience in many developed and developing countries.
- Science-based solutions to the management of fisheries and aquatic ecosystems.
- International expert on sustainable fishing methods, fisheries data collection and analyses, observer programmes, bycatch management, discard reduction and survival, fishing gear technology, fishery-dependent and independent surveys and experimental approaches to fisheries problems. "Wrote the books" on Bycatch Reduction (2007) and the European Landing Obligation (Discard Ban) (2019) and the key papers "Bycatches of endangered, threatened and protected species in marine fisheries" (2018), "Bycatch begone: changes in the philosophy of fishing technology" (2002) and "Bycatch bekown: Methodology for jurisdictional reporting of fisheries discards" (2020).
- Leader of senior Research Staff in Fisheries, Statistics, Agriculture and Forestry.
- Training, teaching and capacity-building for scientists, managers, undergraduate and postgraduate students and fishers.
- Regular keynote speaker and facilitator at international fisheries meetings and conferences.
- Excellent public speaker, communicator, motivator and negotiator. High-level media training. Extensive experience in relating complex scientific issues to the broadest range of individuals from senior Ministers and bureaucrats to fishers in protein-poor countries.

PERSONAL

Name: Steven (Steve) James Kennelly
Date of birth: 26th April, 1960, Sydney, Australia
Marital status: Married, Peta

DEGREES

1981 Bachelor of Science, Honours, University of Sydney.
1986 Doctor of Philosophy, University of Sydney.
1998 Doctor of Science, University of Sydney.

EMPLOYMENT

2012 onwards Director, IC Independent Consulting www.icic.net.au. Currently or recently completed many projects for: UN Food and Agriculture Organisation, US National Marine Fisheries Service, European Union, US National Fish and Wildlife Foundation, Marine Stewardship Council, International Council for the Exploration of the Sea (ICES), New Zealand Dept of Foreign Affairs and Trade, Bay of Bengal Large Marine Ecosystem Project, Forum Fisheries Agency South Pacific, Papua New Guinea National Fisheries Authority, Tongan Fisheries Agency, the Australian Fisheries Research and Development Corporation, and Department of Industry, Innovation, Climate Change, Science, Research & Tertiary Education, Kazakhstan Center of Science and Technology Evaluation, Archipelago Marine Research, Canada, Fisheries Victoria, Primary Industries and Regions South Australia, Danish Technical University ([see http://www.icic.net.au/recent-projects/](http://www.icic.net.au/recent-projects/) for all projects).

Prof Kennelly's company IC Independent Consulting is registered on the U.S. Federal Government's System for Award Management (SAM). It has also undergone a capability assessment under the NSW Government's Performance and Management Services Consultant Prequalification Scheme and is approved to

undertake individual engagements on fisheries-related issues with no value limit. The company holds \$20 million Public Liability Insurance and \$10 million Professional Indemnity Insurance.

- 2004-2012 Director of Fisheries Research, NSW Fisheries (Wild Fisheries, Aquatic Ecosystems and Aquaculture - 120 staff). Also Director, Cronulla Fisheries Research Centre of Excellence (155 staff).
- 2004-2011 Chief Scientist, NSW Department of Primary Industries (over 1200 scientists and technicians in Statistics, Agriculture, Fisheries, Forestry and Mining) including the provision of expert guidance and scientific advice to the Minister, senior executives, stakeholders and the public, and the development and promotion of the direction of ongoing research and other scientific activities.
- 2004-2011 Director of Systems Research Branch, NSW Department of Primary Industries (Wild Fisheries, Aquatic Ecosystems, Pastures and Rangelands, Northern and Southern Farming Systems and Biometrics).
- 2009-2010 International Consultant, United Nations Food and Agriculture Organisation, Rome, Italy. Drafted the International Guidelines for Bycatch Management and Discard Reduction and prepared country profiles and future directions for fisheries management and research in Nigeria, Cameroon and Madagascar.
- 2005-2006 Leader, Ministerial Delegation to the West bank and Gaza Strip. Collaborative research and development between the NSW government and Palestine in fisheries, aquaculture and dryland farming.
- 2000-2004 Chief Scientist, NSW Fisheries (Wild Fisheries, Aquatic Ecosystems and Aquaculture).
- 1999-2000 Deputy Director, Principal Research Fellow, Commonwealth Special Research Centre for Research on Ecological Impacts of Coastal Cities, University of Sydney.
- 1995-1996, Senior Fisheries Scientist, Manomet Observatory for Conservation Sciences, Massachusetts, USA.
- 1987-1999 Research Scientist, Senior Research Scientist and Principal Research Scientist, NSW Fisheries. Crab fisheries, trawl fisheries bycatch quantification and reduction.
- 1986-1987 Post-doctoral Research Fellow, University of Sydney.
- 1983-1984 Research Associate, University of Sydney.

TEACHING:

- Lectures on fisheries science, marine biology and ecology at the University of Sydney, University of New South Wales and Macquarie University (to 2nd, 3rd and Honours year BSc classes), the Australian Maritime College, Tasmania and various Adult Education classes.
- Several courses on by-catch management and research to fisheries managers, fishermen and NGOs.
- Post-graduate courses on how to articulate research in lay language and as media releases.
- Demonstrator and tutor for several laboratory classes and field excursions in Marine Botany, Marine Zoology and Marine Ecology.
- Supervisor of several MSc and PhD students at several universities. Assisted many other post-graduate students through advice and editing drafts of papers, reports and theses. Examiner for many post-graduate theses.

PUBLICATIONS:

114 papers in international refereed journals and books. 45 presented papers (mostly invited) at international conferences. 66 other reports. 3 theses, 3 video documentaries and 2 books.

SELECTED AWARDS, AFFILIATIONS, etc:

- Honorary Adjunct Professor, Macquarie University's Division of Environmental and Life Sciences (2008 onwards).
- Adjunct Professor, National Marine Science Centre, Southern Cross University (2015 onwards)

- Member, Editorial Board of the journal Fish and Fisheries (the world's "highest impact" fisheries journal) (1999 onwards).
- Member, Editorial Board of the journal Reviews in Fish Biology and Fisheries (the world's second "highest impact" fisheries journal) (1998 onwards).
- Member, Independent Scientific Advisory Board, DiscardLess, Tools and Technologies for supporting the gradual elimination of discards in European fisheries (2014-2019)
- Chair or Member of various Selection Panels for Australia's Endeavour Awards (2016-2019) and New Colombo Plan Scholarships (2021)
- Reviewer and Assessor for Kazakhstan's Research grants (2014-16)
- Member, South-East Asian Fisheries Development Corporation's (SEAFDEC) Network of Fishing Technology Experts (1998-onwards).
- Chairperson, NSW Fisheries Research Advisory Body (2009-2012).
- Member, Commonwealth Government's Oceans Policy Scientific Advisory Group (2003-2010)
- Member, NSW Research Scientist Classification Committee (2002 -1010)
- Member, University of Sydney's Environmental Impacts on Coastal Cities (EICC) Advisory Board (2001-2009).
- Member and Awarded Australia Day Achievement Award for the Australian Delegation to the Commission for the Conservation of Antarctic Marine Living Resources (2007).
- Chairperson, Australian Fisheries Management Forum Research Committee (2000-2005).
- Member, NSW Ministerial Scientific Advisory Council on Agriculture, Fisheries & Food (2003-2005)
- Member, Program Committee for the 4th World Fisheries Congress (2002 - 2004).
- Chairperson, 4th International Fisheries Observer Conference (2002-2004).
- Chairperson, AFMA's Western and Southern Tuna and Billfish Management Advisory Committee (1999-2001).
- Awarded NSW Premier's Public Sector Silver Award (2001) for "Reducing by-catch in NSW prawn-trawl fisheries".
- Chairperson, NSW Estuarine Prawn-trawl Management Advisory Committee (1997-1999).
- Research representative, NSW Oceanic Prawn-trawl and Spanner Crab Management Advisory Committees (1997 - 1999).
- Program Chairperson, International Conference on Integrated Fisheries Monitoring (1999).
- Visiting Professor, Tokyo University of Fisheries and Fellow of the Japanese Society for the Promotion of Science (1997).
- Chairperson, Review team for the Australian Council for International Agricultural Research (ACIAR) project: Underwater Visual Census Techniques in the South Pacific (1993-94).
- Member, American Fisheries Society and Australian Society for Fish Biology.
- Nominee for BHP Award of Excellence (Science and Technologies category) for the invention of the world's first underwater microscope (1984).

OTHER EXPERIENCE AND INTERESTS:

- Completed various management, staff motivation, training and media management courses.
- Completed the United Nations Basic and Advanced Security Courses – required for travel to potentially dangerous areas.
- Certified Commercial SCUBA Diver and St. John's Ambulance First Aid accredited diver.
- Certified Heavy Vehicle Driver's licence.
- Speak and understand intermediate-level French.