Careers in Marine Mammal Science and Industry: Building Skills for the Blue Economy

INSTITUTE OF MARINE Engineering, Science & Technology

IMarEST Marine Mammal Special Interest Group (MMSIG)

21st January 2025

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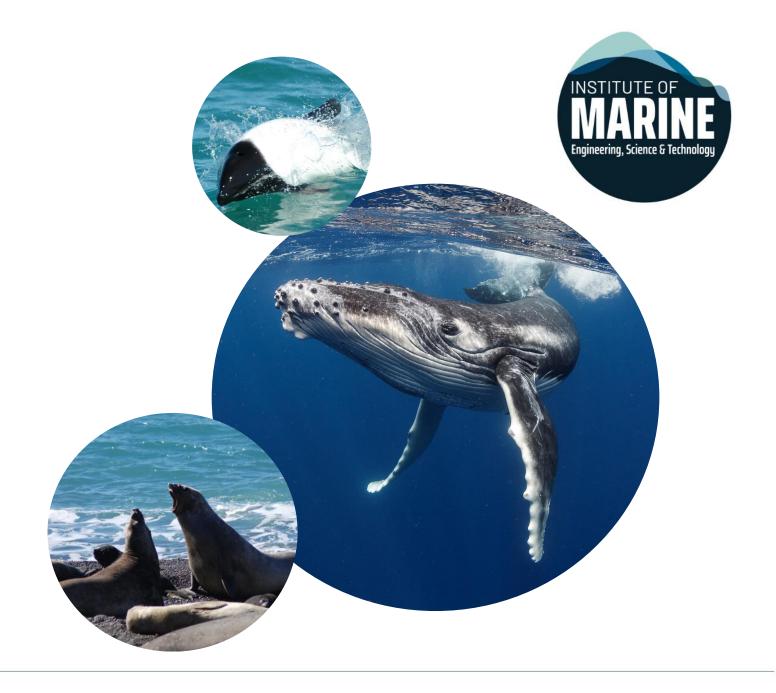
Endorsed by



2021 United Nations Decade of Ocean Science for Sustainable Development

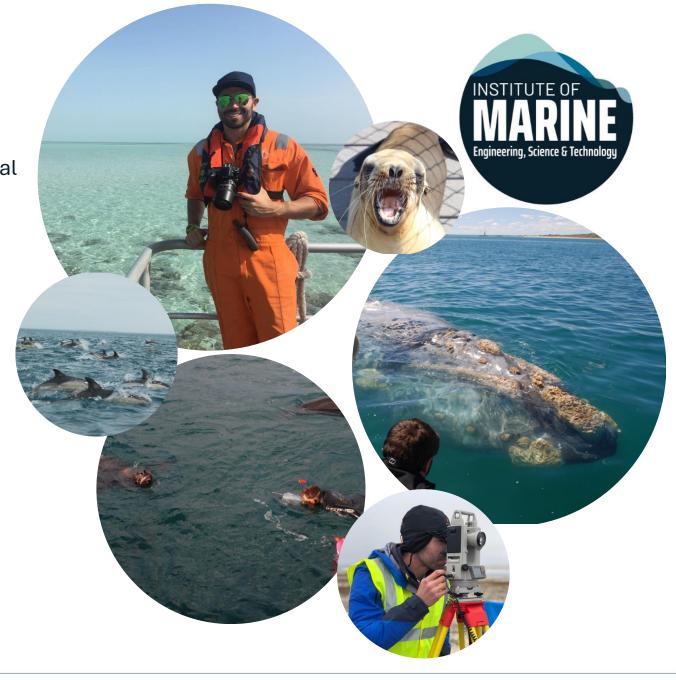
Agenda

- Introduction
- Introduction to the IMarEST
- Special Interest Groups (SIGs)
- Marine Mammal SIG
- Marine Mammal Career Matrix
- Professional Accreditations
- Early Career Associates



Introduction

- Senior Offshore Ecology Coordinator & Marine Mammal Specialist – ESB
- Co-Chair Marine Mammal SIG (IMarEST)
- UN Ocean Decade Ambassador IMarEST
- Chartered Scientist Science Council
- Chartered Marine Scientist IMarEST
- Co-Founding Director Whalefish
- Chair MMOA Executive Committee 2016-2021
- Advanced Marine Mammal Medic (BDMLR)
- Large Whale Disentanglement Responder
- 20+ Years field experience with marine mammals & megafauna research, mitigation, rescue, rehab & environmental management.
- 55+ projects working with marine megafauna
- ~3000 at Sea/Field days



Professional Institutes

A professional institution, also known as a professional association, professional body, or professional society, is a organisation that helps promote and develop a career and the people who practice in it.

Professional institutions can:

Set standards

 Develop and maintain industry expectations, including codes of conducts, academic accreditations,, and chartership

Provide resources

- Offer continuing education courses, industry publications, and networking opportunities
- Special Interest Groups
- CPD Tracking

Oversee members

 Monitor the knowledge, skills, conduct, and practice of their members

Operate by peer review

 Assess the competence of other individuals through groups of members with expertise in a particular area



Examples of some professional institutions include:

- The Institute of Marine Engineering, Science and Technolgy
- The Royal Society of Biology
- Chartered Institution of Water and Environmental Management
- British Ecological Society
- Chartered Institute of Ecology and Environmental Management
- Marine Biological Association

Most offer complimentary student memberships.

Highly Recommend to join!

Introducing the IMarEST

The Institute of Marine Engineering, Science and Technology (IMarEST) is a registered charity and the international professional body and learned society for all marine professionals in over 120 countries.

The largest marine organisation of its kind and the first Institute to bring together over 12,500 marine engineers, scientists and technologists into one international multi-disciplinary professional body.

We promote the development of marine engineering, science and technology, providing opportunities for the exchange of ideas and practices and uphold the safety, status, standards and knowledge of marine professionals worldwide, and a representation channel to regulatory bodies.

OUR VISION

The IMarEST is the trusted voice across the marine sector and is the global community for all marine professionals distinguished as leaders in shaping a sustainable world.

STRATEGIC THEMES

TECHNICAL LEADERSHIP COMMUNITY 8
MEMBER ENGAGEMENT

GROWTH THROUGH INNOVATION & RELEVANCE



















www.imarest.org

MEMBERSHIP & REGISTRATION

We set the global standards for professional excellence.

Professionals can apply for different membership grades depending on how advanced they are in their careers.

Correspondingly, their skills, experience and competence informs the level of professional registration they can achieve, with Chartered status being the highest.

The IMarEST is one of the very few PEIs that can offer our own professional registrations along with being licensed by the Engineering Council and Science Council.































MMSIG





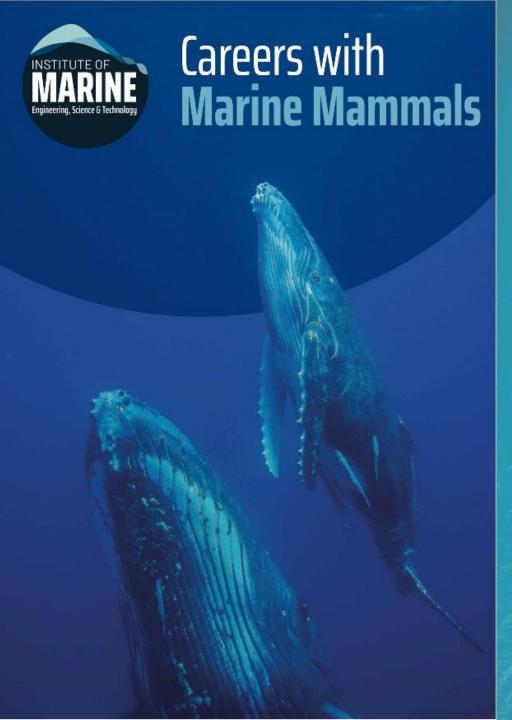






- 17 Active Committee Members
- >350 Corresponding Members
- Promoting knowledge exchange, fostering collaborative partnerships, capacity building and advocating advancements in marine mammal science, business, conservation, monitoring, and mitigation through:
 - Science communications articles
 - Career matrix
 - Webinars
 - Workshops
 - University guest lectures
 - Mainstream news outlet contributions
 - UN Decade of Ocean Science and sustainability contributions
 - Partnered with Defra mNCEA Marine Mammal Monitoring Innovation project







Marine Mammals Special Interest Group

Careers Matrix



View online now



EARLY CAREER

Becoming an Early Career Associate is a natural progression for our student members.

Early Career Associates are entitled to reduced membership fees for up to five years, as they take the step from full time education or training into Associate Membership to support with the transition to full time employment. As part of this, we can provide guidance on the requirements to attaining professional registration (Technician, Registered/Incorporated or Chartered Status).

- Developing careers and building professional status
- Support for becoming professionally registered
- Expand professional networks
- Access to a wealth of learning resources



COMING SOON

Our Career Development Pathways will provide career journey progression support, fully engaged with, and enabled by the IMarEST, including mentorship and routes to progression will



Bursaries & Funding



We are committed to supporting lifelong learning, rewarding both those starting out in their careers and those at the cutting edge of new developments.

- <u>David Henderson Inspiring Journey</u>
- Bil Loth Ocean Decade
- Stanley Gray Fellowship
- Lady Hamlyn Award
- <u>Laurie Prandolini Research</u>
 <u>Fellowship</u>
- Student Bursaries
- MMOA Bursary for Aspiring Marine
 Mammal Observers
- Kevin Tester Award



www.imarest.org/education-and-training/awards

IMarEST Marine Jobs



Helping you find your ideal role in marine engineering, science & technology.

Whether you want to advance your career, or are looking to recruit talented team members, Marine Jobs is your go-to destination.





If you have any questions or would like any more information about the IMarEST, please contact one of our teams:

General Enquiries: info@imarest.org

Membership: membership@imarest.org

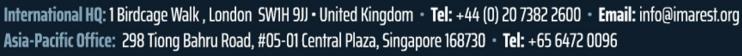
Press and Marketing: press@imarest.org

Events: events@imarest.org

Technical and Policy: technical@imarest.org

Find out more:





Registered Charity No. 212992 - Registered Company No: RC000256 - Chief Executive: Chris Goldsworthy (Eng CMarEng FIMarEST - Founded 1889. Incorporated by Royal Charter 1933 - Licensed body of the Engineering Council (UK) and the Science Council

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Thank you

