CURRICULUM VITAE - Mariana MAYER PINTO

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RESEARCH

My research focuses on understanding the mechanisms underpinning biodiversity and the functioning of marine ecosystems. In particular, I am interested in how anthropogenic stressors, such as pollution and urbanisation, affect the marine environment with the ultimate goal of developing evidence-based solutions for not only mitigating their impacts, but also restoring and rehabilitating marine ecosystems. I have > 100 contact-hours of teaching in Australian universities. I have published 67 peer-reviewed articles (H-index: 27, with > 3730 citations in total), as well as 3 book chapters, and have secured > $ 9 M in research from external sources since 2020**.** Since completing my PhD, I have experienced a total of ~ 7 years (1 FTE) of academic interruptions due to non-research employment and maternity leave.

EDUCATION

2009 **Ph.D. Marine Science,** *University of Sydney, Australia*
Title: Examining the effects of contaminants on benthic assemblages.
Supervisors: A.J. Underwood, R.A. Coleman & T. Tolhurst

2004 **M.Sc. Zoology,** *Museu Nacional, Universidade Federal do Rio de Janeiro, Brazil*
Supervisor: A.O.R. Junqueira

2001 **B.Sc. Marine Biology**, *Universidade Federal do Rio de Janeiro, Brazil*
Supervisor: A.O.R. Junqueira

PROFESSIONAL EXPERIENCE

2023 – current **Scientia Associate Professor**, University of New South Wales
2020 – 2023 **Scientia Senior Lecturer**, University of New South Wales
2019 – 2020 **Scientia Fellow**, University of New South Wales
2016 – 2019 **Senior Research Fellow**, University of New South Wales
2014 – 2016 **Research Fellow**, University of New South Wales
2013 **Associate Lecturer**, University of New South Wales
2012 – 2013 **Environmental Scientist**, Cardno Ltd (Consultancy work – non academic)
2011 – 2013 **Casual Lecturer**, *University of New South Wales*
2010 – 2011 **Managing Scientist,** *RPS Group* (Consultancy work – non academic)
2008 - 2009 **Research Fellow,** *University of Sydney*
2005 - 2010 **Teaching Assistant***, University of Sydney*
2005 -. 2009 Australian Government Endeavour IPRS and USYD IPA Scholarships
1999 – 2004 **Research Assistant / Consultancy projects***, Universidade Federal do Rio de Janeiro, Brazil*

PUBLICATIONS (H-index: 27, 3490 citations, *Google Scholar 17/06/2024*)

***** = Corresponding author; underlined names of students, research assistants or research associates working under my direct supervision. [1] = joint first author

Scholarly Book Chapters (3)

1. O'Brien A.L.; Dafforn K.A.; Chariton A.; Airoldi L.; Schaefer R.B.; **Mayer-Pinto, M.** 2023. *Multiple Stressors.* In: Marine Pollution – Monitoring, Management and Mitigation. Ed: Reichelt-Bruschett A.

Published by Springer textbooks in Earth Sciences, Geography and Environment. p. 305-315.

2. Johnston E.L. & **Mayer-Pinto, M.** 2015. *Pollution: effects of chemical contaminants and debris.* In: Marine ecosystems: Human Impacts on Biodiversity, Functioning and Services. Eds: T.P. Crowe and C.L.J. Frid. Published by Cambridge University Press.
3. Junqueira, A.O.R.; Lavrado, H.P.; Viana M.S.; **Pinto, Mariana Mayer**. Zoobentos de substrato consolidado. In: Maria Célia Villac; Falvio da Costa Fernandes; Silvio Jablonski; Alexandre de Carvalho Leal Neto; Bruno Henriques Coutinho. (Org.). Biota da área sob influência do Porto de Sepetiba, Rio de Janeiro, Brasil. Levantamento de dados pretéritos. Brasília: Ministério do Meio Ambiente, 2004, p. 47-55.

Refereed Journal Articles (67)

1. Caley A, Marzinelli EM, Byrne M, **Mayer-Pinto M** *(in press, accepted on the 26/09/2024).* Antagonistic effects of light pollution and warming on habitat-forming seaweeds. *Ecology and Evolution*.
2. McKibbin O*, Vergés A; Pottier P, **Mayer-Pinto M*** (2024). Marine infrastructure support fewer producers and more filter feeders than natural habitats: a review and meta-analysis. *Environmental Research Letters* 19: 113005.
3. Schaefer N, Dafforn KA, Johsnton El, Clark GF, **Mayer-Pinto M**. (2024). Investigating the interactive effects of habitat type and light intensity on rocky shores. *Oecologia* 1-16.
4. Vozzo ML; Bishop MJ, Dafforn KA, Steinberg PD, Strain EMA, **Mayer-Pinto M*** (2024). From experiment to intervention: a case study of scaling up marine eco-engineering from research to application. *Environmental Science and Policy* 158: 103800.
5. Janssen AR; Bishop MJ; **Mayer-Pinto M**; Dafforn KA (2024). Morpho-physiological traits and tissue burdens of *Ecklonia radiata* linked to environmental variation in an urban estuary. *Marine Environmental Research* 199: 106572
6. **Mayer-Pinto M***, Caley A, Knights AM, Airoldi A, Bishop MJ, Brooks P, Coutinho R, Crowe T, Mancuso P, Naval-Xavier LPD, Firth LB, Menezes R, de Messano LVR, Morris RL, Ross DJ, Wong JXW, Steinberg PD, Strain EMA (2024). Complexity-functioning relationships differ across different environmental conditions. *Journal of Environmental Management* 354, p.120370
7. Caley A, Marzinelli EM, Byrne M, **Mayer-Pinto M** (2024). Artificial light at night and warming impact grazing rates and gonad index of the sea urchin *Centrostephanus rodgersii. Philosophical Transactions of the Royal Society B* 291, 20240415.
8. Saunders MI; Cannard T; Fischer M; Sheppard M; Twomey A; Morris RL; Bishop MJ; **Mayer-Pinto M**; Malcolm F; Vozzo M; Steven A; Swearer SE; Lovelock CE; Pomeroy AWM; McLeod I; Waltham NJ. (2024). A roadmap to coastal and marine restoration in Australia. *Environmental Science and Policy* 159, 103808.
9. Firth LB, Bone J, Bartholomew A, Bishop MJ, Bugnot A, F Bulleri, Chee SY, Claassens L, Dafforn KA, Fairchild TP, Hall AE, Hanley ME, Komyakova V, Lemasson AJ, Loke LHL, **Mayer-Pinto M**, Morris RL, …., P Todd, AM Knights (2024). Coastal greening of grey infrastructure: an update on the state-of-the-art. *Proceedings of the Institution of Civil Engineers-Maritime Engineering* pp 1-69.
10. Schaefer N, Bishop MJ, Bugnot AB, Herbert B, Hoey AS, **Mayer-Pinto M**, Sherman CDH, Foster-Thorpe C, Vozzo ML, Dafforn KA (2024). Variable effects of substrate colour and microtexture on sessile marine taxa in Australian estuaries. *Biofouling* 40:2, 223-234.
11. Schaefer N, Bishop MJ, Bugnot AB, Herbert B, Hoey AS, **Mayer-Pinto M**, Nakagawa S, Sherman CDH, Foster-Thorpe C, Vozzo ML, Dafforn KA (2024). Influence of habitat features on the colonisation of native and non-indigenous species. *Marine Environmental Research* 198, p.106498.
12. Morris RL, Campbell-Hooper E, Waters E, Bishop MJ, Lovelock CE, Lowe RJ, Strain EMA, Boon P, Boxshall A, Browne NK, Carley JT, Connell SD, Fest BJ, Fraser MW, Ghisalberti M, Gillanders BM, Hutley LB, Kendrick GA, Konlechner TM, **Mayer-Pinto M**, Pomeroy AWM, Rogers AA, Saunders MI, Simpson V, Van Rooijen AA, Waltham NJ, Swearer SE (2024). Current extent and future opportunities for living shorelines in Australia. *Science of the Total Environment* 917, 170363.
13. Gonzalez SV, Wood G, Tiong HYR, Lema KA, **Mayer-Pinto M**, Lauro FM, Kjelleberg S, Bulleri F,

Steinberg PD and Marzinelli EM (2023). Effect of seaweed canopy disturbance on understory microbial communities on rocky shores. *Frontiers in Marine Science* 10, p.1264797.

14. Fobert EK, Miller CR, Swearer SE, **Mayer-Pinto M** (2023). The impacts of artificial light at night on the ecology of temperate and tropical reefs. *Philosophical Transactions of the Royal Society B* 378 (1892), 20220362.
15. Trethewy M, **Mayer-Pinto M***[1], Dafforn KA (2023). Urban shading and artificial light at night alter natural light regimes and affect marine intertidal assemblages. *Marine Pollution Bulletin* 193: 115203.
16. Stelling-Wood T, Gribben PE,…. **Mayer-Pinto M,** …., Figueira WF (2023). A deep dive into the ecology of Gamay (Botany Bay, Australia): Current knowledge and future priorities for this highly modified coastal waterway. *Marine & Freshwater Research* doi:10.1071/MF22268.
17. Schaefer N**, Mayer-Pinto M,** Johnston EL, Dafforn KA (2023). Understanding the role of physical features in intertidal rock pools to guide future ecoengineering designs. *Marine Biology* 170 (4): 44
18. **Mayer-Pinto M**, Bugnot AB, Johnston EL, Potts J, Airoldi L, Glasby TM, Strain EMA, Scanes P, Ushiama S, Dafforn KA (2023). Physical and biogenic complexity mediates ecosystem functions in urban sessile marine communities. *Journal of Applied Ecology* 60 (3): 480-493.
19. Bracewell S, Barros TL, **Mayer-Pinto M**, Dafforn KA, Simpson SL, Johnston EL (2023). Contaminant pulse following wildfire is associated with shifts in estuarine benthic communities. *Environmental Pollution* 316, 120533.
20. Barros TL, Bracewell S, **Mayer-Pinto M**, Dafforn KA, Simpson SL, Farrell M, Johnston EL (2022). Wildfires cause rapid changes to estuarine benthic habitat. *Environmental Pollution*, 119571
21. **Mayer-Pinto, M**., Jones, T.M., Swearer, S.E., Robert, K.A., Bolton, D.K., Aulsebrook, A.E., Dafforn, K.A., Dickerson, A.L., Dimovski, A.M., Hubbard, N. and McLay, L.K., (2022). Light pollution: A landscape-scale issue requiring cross-realm consideration. *UCL Open: Environment*.
22. Bishop MJ; Vozzo ML; **Mayer-Pinto M**, Dafforn KA (2022). Complexity-biodiversity relationships on marine urban structures: reintroducing habitat heterogeneity through eco-engineering. *Philosophical Transactions of the Royal Society B* 377, (1857), 20210393
23. Martinez AS; Dafforn KA; Johnston EL; Filipini G; Potts J; **Mayer-Pinto M**. (2022). Variations in benthic fluxes of sediments near pier pilings and natural rocky reefs. *Marine Environment Research* 177, 105640.
24. Lowe EC; Steven R; Morris RL; Parris KM; Aguiar AC; Webb CE; Bugnot AB; Dafforn KA; Connolly RM; **Mayer-Pinto M**. (2022). Supporting urban ecosystem services across terrestrial, marine and freshwater realms. *Science of the Total Environment* 817, 152689
25. Vozzo ML; **Mayer-Pinto M***, Bishop MJ, Cumbo VR, Bugnot AB, Dafforn KA, Johnston EL, Steinberg PS, Strain EMA (2021). Making seawalls multifunctional: The positive effects of seeded bivalves and habitat structure on species diversity and filtration rates. *Marine Environment Research* 165, 105243.
26. Bugnot AB; **Mayer-Pinto M**; Airoldi L; Heery EC; Johnston EL; Critchley LP; Strain EMA; Morris RL; Loke LHL; Bishop MJ; Sheehan EV; Coleman RA; Dafforn KA (2021). Current and projected global extent of marine built structures. *Nature Sustainability* 4(1), 33-41.
27. **Mayer-Pinto M**; Ledet J; Crowe TP; Johnston EL (2020). Sublethal effects of contaminants on marine habitat-forming species: a review and meta-analysis. *Biological Reviews* 95(6): 1554-1573.
28. **Mayer-Pinto M**; Fobert E; Dafforn KA (2020). Knowledge exchange to improve research and management of the impacts of artificial light at night. Forum article in *Austral Ecology* 45(8): 1059-1061.
29. Eger A; Verges A; Geun Choi C; Christie HC; Coleman MA; Fagerli CW; Fujita D; Hasegawa M; Ha Kim J; **Mayer-Pinto M**; Reed D; Steinberg PD; Marzinelli EM (2020). Financial and institutional support are important for large-scale kelp restoration. *Frontiers in Marine Science* 7: 811.
30. Schaefer N; **Mayer-Pinto M**; Griffin KJ; Johnston EL; Glamore W; Dafforn KA (2020). Predicting the impact of sea-level rise on the intertidal rocky shores with remote sensing. *Journal of Environmental Management* 261: 110203.

31. **Mayer-Pinto M***; Dafforn KA; Johnston EL (2019). A decision framework for coastal infrastructure to optimise biotic resistance and resilience in a changing climate. *BioScience* 69(10): 833-843.
32. Martinez, AS; **Mayer-Pinto M**; Christofoletti, RA (2019). Functional responses of filter feeders increase with elevated metal contamination: Are these good or bad signs of environmental health? *Marine Pollution Bulletin* 149: 110571.
33. Ushiama S; **Mayer-Pinto M**; Bugnot AB; Johnston EL; Dafforn KA (2019). Eco-engineering increases utilisation of seawalls by fish. *Ecological Engineering* 138: 403-411.
34. O'Brien, A; Dafforn KA; Chariton AA; Johnston EL; **Mayer-Pinto M**. (2019). After decades of stressor research in urban estuarine ecosystems the focus is still on single stressors: a systematic literature review and meta-analysis. *Science of the Total Environment* 684: 753-764.
35. Van der Brink P; Bracewell SA; Bush A; Chariton A; Choung C; Compson Z; Dafforn KA; Korbel; Lapen D; **Mayer-Pinto M**; Monk W; O'Brien A; Rideout N; Schaefer R; Sumon K; Verdonschot R; Baird D. (2019). Towards a general framework for the assessment of interactive effects of multiple stressors on aquatic ecosystems: Results from the Making Aquatic Ecosystems Great Again (MAEGA) workshop. *Science of the Total Environment* 684: 722-726.
36. Verges A; McCosker E; **Mayer-Pinto M**; Coleman MA; Wernberg T; Ainsworth T; Steinberg PD (2019). Tropicalisation of temperate reefs: implications for ecosystem functions and management actions. *Functional Ecology* 33:1000-1013.
37. Schaefer N; Dafforn KA; Johnston EL; **Mayer-Pinto M** (2019). Size, depth and position influence the diversity and structure of urban rock pool communities. *Marine and Freshwater Research* 70(7): 1034-1044.
38. Heery EC; Dafforn KA; Smith JA; Ushiama S; **Mayer-Pinto M** (2018). Not all artificial structures are created equal: Pilings linked to greater ecological and environmental change in sediment communities than seawalls. *Marine Environmental Research* 142: 286-294.
39. **Mayer-Pinto, M***; Dafforn KA; Bugnot AB; Glasby TM; Johnston EL (2018). Artificial structures alter kelp functioning across an urbanized estuary. *Marine Environmental Research* 139: 136-143.
40. **Mayer-Pinto, M***; Cole, VJ; Johnston, EL; Bugnot, A; Hurst, H; Airoldi, L; Glasby TM; Dafforn, KA (2018). Functional and structural responses to marine urbanization. *Environmental Research Letters* 13(1) 014009.
41. Marzinelli, EM; Qiu, Z; Dafforn, KA; Johnston, EL; Steinberg, PD; **Mayer-Pinto, M** (2018). Coastal urbanization affects the microbiome of a dominant marine holobiont. *NPJ Biofilms and Microbiomes* 4 (1): 1-7.
42. Bugnot, AB; **Mayer-Pinto, M**; Johnston, EL: Schaefer, N; Dafforn KA. (2018). Learning from nature to enhance Blue engineering of marine infrastructure. *Ecological Engineering* 120: 611-621.
43. Strain, EMA; Olabarria, C; **Mayer-Pinto, M**; Cumbo, V; Morris, RL; Bugnot, AB; Dafforn, KA; Heery, E; Firth, LB; Brooks, P; Bishop, MJ. (2018). Eco-engineering urban infrastructure for marine and coastal biodiversity: which interventions have the greatest ecological benefit. *Journal of Applied Ecology* 55: 426-441.
44. **Mayer-Pinto, M*** (2017). Impacts of bleach on bryozoans: A framework to distinguish direct and indirect effects using chemical and physical manipulations. *Science of the Total Environment* 599-600: 58-67.
45. **Mayer-Pinto, M***; Johnston, EL; Bugnot, A; Glasby, TM; Airoldi, L; Mitchell, A; Dafforn, KA (2017). Building 'blue': an eco-engineering framework for foreshore developments. *Journal of Environmental Management* 189: 109-114.
46. Bolton D; **Mayer-Pinto M***; Clark, GF; Dafforn, KA; Brassil WA; Becker A; Johnston, EL (2017). Coastal urban lighting has ecological consequences for multiple trophic levels under the sea. *Science of the Total Environment* 576:1-9.
47. Bishop, MJ; **Mayer-Pinto, M**; Airoldi, L; Firth, LB; Critchley, L; Morris, RL; Loke, LHL; Hawkins, SJ; Naylor, LA; Coleman, RA; Yin Chee, S; Dafforn, KA. (2017). Effects of ocean sprawl on ecological connectivity: impacts and solutions. Invited review for the *Journal of Experimental Marine Biology and Ecology* 492: 7-30.
48. Heery, EC; Bishop, MJ; Critchley, L; Bugnot, AB; Airoldi, L; **Mayer-Pinto, M**; Sheehan, EV; Coleman, RA; Loke, LHL; Johnston, EL; Komyakova, V; Morris, RL; Strain, EM, Naylor, LA; Dafforn, KA. (2017).

Identifying the consequences of ocean sprawl for sedimentary habitats. Invited review for the *Journal of Experimental Marine Biology and Ecology* 492: 31-48.

49. **Mayer-Pinto M***; Matias, MG; Coleman RA (2016). The interplay between habitat structure and chemical contaminants on biotic responses of benthic organisms. *PeerJ* 4:e1985; DOI 10.7717/peerj.1985.
50. Browne MA; Brooks P; Clough R; Fisher A; **Mayer-Pinto M**; Crowe TP (2016). Simulating regimes of chemical disturbance and testing impacts in the ecosystem using a novel programmable dosing-system. *Methods in Ecology and Evolution.* DOI: 10.1111/2041-210X.12521.
51. Van den Brink PJ, Choung CB, Landis, W, **Mayer-Pinto M**, Pettigrove V, Scanes P, Smith R, Stauber J (2016). New approaches to the ecological risk assessment of multiple stressors. *Marine and Freshwater Research*. 67(4): 429-439.
52. **Mayer-Pinto M*;** Johnston EL; Hutchings P; Marzinelli EM; Ahyong ST; Birch G; Booth D; Creese R; Doblin MA; Figueira W; Gribben PE; Pritchard T; Roughan M; Steinberg PD; Hedge LH (2015). Sydney Harbour: A review of anthropogenic impacts on the biodiversity and ecosystem function of one the world's largest natural harbours. *Marine and Freshwater Research*. 66(12): 1088-1105.
53. **Mayer-Pinto M***; Underwood AJ; Marzinelli EM (2015). The matrix influences direct and indirect effects of an anthropogenic disturbance on marine organisms. *Environmental Research*. 136: 15-20.
54. **Mayer-Pinto M***. & Ignacio BL (2015). Effects of chemical disturbances on intertidal benthic assemblages. *Science of the Total Environment*. 506-506: 10-17.
55. Tan ELY; **Mayer-Pinto M**; Johnston EL; Dafforn KA (2015). Differences in intertidal microbial assemblages on urban structures and natural rocky reef. *Frontiers in Microbiology*. 6: 1276.
56. Johnston EL; **Mayer-Pinto M***; Hutchings P; Marzinelli EM; Ahyong ST; Birch G; Booth D; Creese R; Doblin MA; Figueira W; Gribben PE; Pritchard T; Roughan M; Steinberg PD; Hedge LH (2015). Sydney Harbour: What we do and don't know about this highly diverse estuary. *Marine and Freshwater Research*. 66(12): 1073-1087.
57. Johnston EL; Hedge LH; **Mayer-Pinto M** (2015). The urgent global need to understand harbor ecosystems. A short authoritative statement about harbours. *Marine and Freshwater Research*. 66 i-ii.
58. Johnston EL; **Mayer-Pinto M**; Crowe TP (2015). Chemical contaminant effects on marine ecosystem functioning. *Journal of Applied Ecology*. 52(1): 140-149.
59. Dafforn KA; **Mayer-Pinto M**; Morris RL; Waltham NJ (2015). Application of management tools to integrate ecological principles with the design of marine infrastructure. *Journal of environmental management* 158: 61-73.
60. Dafforn KA; Glasby TM; Airoldi L; Rivero NK; **Mayer-Pinto M**; Johnston EL (2015). Marine urbanization: an ecological framework for designing multifunctional artificial structures. *Frontiers in Ecology and the Environment* 13: 82-90.
61. Dafforn KA; Glasby TM; Airoldi L; Rivero NK; **Mayer-Pinto M**; Johnston EL (2015). Clarification on the applicability of systematic reviews. Reply. *Frontiers in Ecology and the Environment* 13(3): 129-130.
62. **Mayer-Pinto M***; Ignacio BL; Szechy MTM; Viana MS; Curbelo-Fernandez MP; Lavrado HP; Junqueira AOR; Vilanova E; Silva SHG (2012). How much is too little to detect impacts? A case study of a nuclear power plant. *Plos One* 7(10): e47871.
63. Marzinelli EM; Burrows MT; Jackson AJ; **Mayer-Pinto M** (2012). Positive and negative effects of habitat-forming algae on survival, growth and intra-specific competition of limpets. *Plos One* 7(12): e51601.
64. **Mayer-Pinto M***; Coleman RA; Underwood AJ; Tolhurst T (2011). Effects of zinc on microalgal biofilms in intertidal and subtidal habitats. *Biofouling* 27(7): 721-727.
65. **Mayer-Pinto M***; Underwood AJ; Tolhurst, T; Coleman RA (2010). Effects of metals on benthic assemblages: what do we really know? *Journal of Experimental Marine Biology and Ecology* 391:1-9.
66. Vilanova, EP; **Mayer-Pinto, M**; Curbelo-Fernandez, MP; Silva, SHG. (2004). The impact of a nuclear power plant discharge on the sponge community of a tropical bay (SE Brazil*). Bollettino dei musei e degli istituti biologici dell'Universita di Genova* 68: 647-654.

67. **Mayer-Pinto M*** & Junqueira AOR. (2003). Effects of organic pollution on the initial development of fouling communities in a tropical bay, Brazil. *Marine Pollution Bulletin* 46: 1495 – 1503.

Scientific Reports & Other

1. Schaefer N; Bishop MJ; Bugnot AB; Foster-Thorpe C; Herbert B; Hoey A; **Mayer-Pinto M**; Sherman CDH; Vozzo ML; Dafforn KA. (2023). Ecological engineering of marine infrastructure for biosecurity – Phase 3. Report prepared for Department of Agriculture, Water and Environment. 237 pp, 3.
2. Schaefer N; Bishop MJ; Bugnot AB; Foster-Thorpe C; Herbert B; Hoey A; **Mayer-Pinto M**; Sherman CDH; Vozzo ML; Dafforn KA. (2021). Ecological engineering of marine infrastructure for biosecurity – Phase 2. Report prepared for Department of Agriculture, Water and Environment. 105 pp.
3. Schaefer N; Bishop MJ; Bugnot AB; Foster-Thorpe C; Herbert B; Hoey A; **Mayer-Pinto M**; Sherman CDH; Vozzo ML; Dafforn KA. (2020). Ecological engineering of marine infrastructure for biosecurity. Report prepared for Department of Agriculture, Water and Environment.
4. Fobert E; Dafforn KA; **Mayer-Pinto M.** Turn off the porch light 6 easy ways to stop light pollution from harming our wildlife. *The Conversation*. Published on 1st June, 2020.
5. **Mayer-Pinto, M**; Dafforn KA. Urban sprawl: tackling the problem above and below the waterline. Article on the *Ecological Society Australia Bulletin*. Published on September 2019.
6. Dafforn, KA; Bugnot, AB; Heery, E; **Mayer-Pinto, M**. Future 'ocean cities' need green engineering above and below the waterline. *The Conversation*. Published on 26th March, 2018.
7. **Mayer-Pinto, M**; Dafforn KA. (2017) Initial ecological assessment of the oil spill at Gore Cove Bay. Report prepared for the NSW Environmental Protection Authority (EPA). The Sydney Institute of Marine Science, Sydney, Australia. pp. 17
8. Bugnot AB**, Mayer-Pinto M**, Johnston EL, Coleman RA, Morris RL and Dafforn KA (2017) Baseline assessment of ecological structure and environmental condition at the Bays Precinct – Final Report. Report prepared for UrbanGrowth NSW. University of New South Wales, Sydney.
9. Bolton D; Becker A; Johnston EL; Clark GF; Dafforn KA; **Mayer-Pinto M**. Bright city lights are keeping ocean predators awake and hungry. The Conversation. Published on 24th November, 2016
10. Dafforn KA; **Mayer-Pinto M**; Walthan N. Our oceans are out of balance – can we learn some tips from feng shui? *The Conversation*. Published on 7th September, 2016.
11. Dafforn KA; Johnston EL; Banks J; **Mayer-Pinto M**. Concrete coastlines: it's time to tackle our marine 'urban sprawl'. *The Conversation*. Published on 16th March, 2015.
12. Dafforn KA; **Mayer-Pinto M**; Morris RL; Walthan N (2014). National Marine Science Plan: White Paper on Green Engineering and Marine Urban Development.
13. Dafforn, KA; **Mayer-Pinto, M**; Bugnot, AB; Coleman, RA; Morris, RL; Johnston, EL. (2016) Guiding principles for marine foreshore developments. Report prepared for UrbanGrowth NSW. University of New South Wales, Sydney. pp 53.
14. Hedge, LH; Johnston, EL; Ahyong, ST; Birch, GF; Booth, DJ; Creese, RG; Doblin, MA; Figueira, WF; Gribben, PE; Hutchings, PA; **Mayer-Pinto, M**; Marzinelli, EM; Pritchard, TR; Roughan, M; Steinberg, PD. (2014) Sydney Harbour: A systematic review of the science. The Sydney Institute of Marine Science, Sydney, Australia. pp. 76.

PRIZES, HONOURS AND AWARDS

2024 Finalists (Living Seawalls) of the Ocean Awards
2022 Winner (Living Seawalls) of the National Banksia Sustainability Awards in the Biodiversity category.
2021 Winner (Living Seawalls) of the NSW Sustainability Awards in the Biodiversity category.
2021 Living Seawalls as Top Innovator in the Uplink World Economic Forum BiodiverCities Challenge
2021 Finalist (1 in 3) of the Earthshot Prize from the Royal Foundation in the category 'Revive Our Oceans'.
2019 UNSW Scientia Fellowship (< 5% success rate when applied)
2019 Selected for the prestigious and competitive course UNSW Academic Women in Leadership
2018 UNSW Women in Maths and Science Champion

2018 UNSW Representative for Universitas 21

2018 Evolution and Ecology Research Centre Significant Collaboration Award

2017 UNSW Carers Dean Fellowship

2005 Australian Government Endeavour International Postgraduate Research Scholarship (IPRS)

2005 International Postgraduate Award (IPA), University of Sydney

RESEARCH FUNDING (total funding > $10 M)

Year	Applicants; Title; Funding Body	$$
External grants (> $9 M since 2020)		
2024	Bishop MJ; Dafforn KA; **Mayer-Pinto M**. Living Boulders for reviving marine life on coastal defences. NSW Environmental Trust Fund.	199,981
	Lanceman D; **Mayer-Pinto M**; Glamore W. Assessing the adaptive capacity of restored saltmarshes using new genomic tools. Australian Flora Foundation - Malcolm Reed Large Grant.	59,977
	McKibbin O; **Mayer-Pinto M**; Vergés A. Shoreline stabilisation on the functioning of adjacent seagrass beds. Lake Macquarie Environmental Research Grants.	8,015 + GST
2022	**Sydney Institute of Marine Science (SIMS);** including **Mayer-Pinto M**, as a lead CI. Project Restore; Seabirds to Seascapes. NSW Environmental Trust.	6,685,000
	Living Seawalls. Living Ports. Funding by DP World.	1,000,000
	Mayer-Pinto M. Interactive effects of light pollution and ocean warming on herbivory in temperate reefs. Australian Academy of Science / The Thomas Davies Research Grant for Marine, Soil and Plant Biology	19,952
2021	**Mayer-Pinto M**. Effects of artificial light at night on coastal systems. Australian Research Council. Discovery Early Career Research Award (DECRA).	495,748
	Gribben P (CI), Marzinelli EM (CI), Kendrick G (CI), Dafforn KA (CI), **Mayer-Pinto M** (CI), Fraser M (CI), Martin B (CI), Verges A (CI), Glasby T(PI), Kilminster K (PI), Kjelleberg (PI), Xiang Ow (PI), Wright J (CI). Utilising plant-sediment feedbacks to enhance seagrass restoration. Australian Research Council. Linkage Grant.	643,998
2020	Dafforn KA (CI), Bishop M (CI), **Mayer-Pinto M (CI)**, Potts J (PI), Walpole S (CI). Environmentally-friendly strategies for shoreline protection in lakes. Australian Research Council. Linkage Grant	405,267
	Johnston EL, Bracewell S, Mayer-Pinto M, Dafforn KA, Simpson S. Ecological and environmental impacts of the Australian bushfires on major waterways in NSW. World Wide Fund (WWF) for Nature Australia.	250,000 + GST
	Dafforn KA, Schaefer N, Hoey A, Sherman C, Bishop, **Mayer-Pinto, M**, Vozzo, M. & Bugnot AB. Ecological engineering for marine pest management. Biosecurity Animal Division, Department of Agriculture. Phase II.	220,000 + GST
	Mayer-Pinto M, Bishop M, Dafforn KA, Vozzo M. Baseline assessment of the Clovelly seawall. Randwick City Council.	57,481
	Vozzo M, Bishop M, Dafforn KA, **Mayer-Pinto M.** Quantifying the benefits of fish friendly seawalls. Recreational Fishing Grants, NSW Department of Primary Industries.	160,000
	Dafforn KA, **Mayer-Pinto M**, Bishop M, Vozzo M, Steinberg P. Habitat modification and monitoring. Lendlease.	375,000
	Vozzo M, Bishop M, Dafforn KA, **Mayer-Pinto M**. Fish Friendly Seawalls - Darling Harbour. Habitat Action Grants, NSW Department of Primary Industries.	40,000
2019	Vozzo M, Bishop M, Dafforn KA, **Mayer-Pinto M**. Living Seawalls at Rushcutters Bay. Environmental Performance – Innovation Grant, City of Sydney	20,000
	Mayer-Pinto M, Marzinelli EM. Effects of multiple stressors on microbial structure, function and resilience across a climate gradient. EU Research Infrastructure. Aquacosm project.	30,000
	Dafforn KA, **Mayer-Pinto M**, Bishop M, Vozzo M, Bugnot AB, Sherman C. Ecological	200,000 +

	engineering of marine infrastructure. Biosecurity Animal Division, Department of Agriculture. Phase I.	GST
	Dafforn KA, Bishop M, Strain, EMA, **Mayer-Pinto M,** Johnston EL, et al. Singapore Marine Science Eco-design Urban Marine Development. An eco-design portfolio for the urban marine environment. Commonwealth grant. Department of Industry, Innovation and Science	175,000
	Bishop MJ, Dafforn KA, **Mayer-Pinto M**, Vozzo M. Monitoring of Volvo Living Seawall, Volvo Cars Australia	50,000
2017	**Mayer-Pinto M,** Dafforn KA, Steinberg PS. Initial field assessment of the oil spill at the Gore Cove for EPA. NSW Environment Protection Authority (EPA)	25,200 + GST.
2016	Dafforn KA, **Mayer-Pinto M**, Bugnot AB, Morris RL, Coleman RA, Johnston EL. The Bays Precinct Baseline Assessment and Guiding Principles. Urban Growth NSW - Marine Ecology Advice and Study – The Bays Urban Transformation Program.	147,448.

Internal peer-reviewed grants		
2024	**Mayer-Pinto M** et al. Fluorescence and image analyses facility. UNSW Major Research Equipment & Infrastructure Scheme.	85,000
2020	**Mayer-Pinto M** et al. Lab and field kit for functional measurements across terrestrial, freshwater and marine habitats. UNSW Major Research Equipment & Infrastructure Scheme.	86,150
2019	**Mayer-Pinto M**. UNSW Scientia Fellowship	160,000
	Ainsworth T, …, **Mayer-Pinto M** et al. System to assess organisms and ecosystem functioning in situ and within experimental lab-based facilities. UNSW Major Research Equipment & Infrastructure Scheme	234,514
2018	**Mayer-Pinto M;** Bugnot, AB. Can urban seaweed forests contribute to long-term carbon sequestration? Faculty Research Grants Program, UNSW	24,470
2017	**Mayer-Pinto, M.** Dean's Carer Fellowship, The University of New South Wales	25,000
2017	Dafforn KA, **Mayer-Pinto M**, et al. High-performance micro-sensors that allow in-situ measurements of physico-chemical conditions. UNSW Major Research Equipment & Infrastructure Scheme	115,212
2015	Johnston EL, …, Mayer-Pinto et al. Ultra Short Baseline (USBL) sub-sea positioning system. UNSW Major Research Equipment & Infrastructure Scheme	117,343

Philantropy		
2023	Living Pilings – Sapphire Foundation	75,000
2018-2020	Living seawalls project (Sydney Institute of Marine Sciences)	450,000

INVITED SCIENTIFIC SEMINARS, WORKSHOPS & CONFERENCE PAPERS

- Plenary speaker at the 6th International EcoSummit conference (Gold Coast, June 2023).
- Invited speaker and panellist at the World of Drones and Robotics Conference at the session Drones and Robotics in conservation and metaverse (Brisbane, November 2022).
- Invited as a Panellist at the COP27 Research Showcase side event during the Impact X Summit (Sydney, November 2022).
- Invited speaker at the first Earthshot Prize Innovation Showcase attended by HRH Prince William Duke of Cambridge (Prize Founder and Patron) and Sultan Ahmed Bin Sulayem (CEO of DP World) (Dubai, February 2022).
- Invited as mini-plenary speaker at the Australian Marine Science Association Conference. Sydney, Australia (Sydney, June 2021).
- Invited speaker and panellist at the Ocean Decade Australia (Online, October 2021).
- Invited speaker and panel member in the seminar series of Australian National University and University of Melbourne. (Online, October 2021).
- Panel member in the RISE – Research in Science and Engineering) at Southern Cross University. (Online,

October 2021).
- Speaker and panel member in the workshop and public forum 'Exploring impacts and management opportunities for Artificial Light at Night'. SIMS, Sydney, February 2020.
- Invited speaker at workshop 'ECOlight Euromarine Foresight WorkShop (FWS)', Pisa, Italy, January 2020.
- Invited seminar at The National Museum of Madrid: The ecology and management of urban marine ecosystems. Madrid, Spain, May 2019
- Invited as a panel member of the event Science vs Philosophy, held in Woolahra Library. Sydney, March, 2019.
- Invited seminar at The University of Sydney: The ecology and management of urban marine ecosystems, Sydney, March 2019
- Invited speaker at 'Iberoamerican Research Bites': Biodiversity and functioning of the marine environment: impacts and solutions. Institute Cervantes, Sydney, April, 2018.
- Invited to workshop: 'Making aquatic ecosystems great again' Wageninger, Netherlands, September 2017.
- Invited seminar at The University of Technology Sydney (UTS), Climate Change Cluster. Sydney, Australia, May 2017.
- Keynote speaker at Sunburst Environmental Program, Singapore, November 2016.
- Invited speaker at workshop: 'Understanding the productivity, ecosystem functioning and ecosystem services of marine artificial structures' Flekkefjord, Norway, May 2016.
- Invited scientist at the Australian Marine Science Association writing retreat, Pearl Beach, NSW. October, 2016.
- Invited to workshop: 'New Diagnostics for Multiply-Stressed Marine and Freshwater Ecosystems: integrating models, eco-informatics and Big Data', SIMS, Sydney. September 2014.
- Invited speaker at the National Estuarine Network (NEN) Symposium. Sydney, Australia, May 11, 2016
- Invited speaker at the Sydney Harbour Research Program Annual Workshop, Sydney Institute of Marine Science. 24th of July, 2014.
- Invited seminar at Centro Nacional Patagónico (CENPAT), CONICET. Puerto Madryn, Argentina. September 20, 2011
- Invited seminar at the Environmental Research Institute (ERI), North Highland College, UHI Millennium Institute. Thurso, Scotland, UK. May 18, 2009
- Presented over 15 papers in international and national conferences, such as: *Ecological Society of Australia Annual Conference, Australian Marine Science Annual Conference International Temperate Reefs Symposium (ITRS)* and *World Conference on Ecological Restoration.*

RESEARCH TRAINING

- Ann Nielsen (PhD candidate). '*Combining sediment microbial fuel cells and mineral accretion technology with seagrass and oyster restoration to improve sediment, water, and habitat restoration'.* (Primary supervisor).
- Rose Fuggle (PhD candidate at The University of Sydney). '*How multiple stressors affect the resilience and resistance of ecological communities*'. (Co-supervisor)
- Annemie Janssen (PhD candidate at Macquarie University). '*Urban stressors and the golden kelp Ecklonia radiata'*. (Co-supervisor)
- Natalie Coy (PhD candidate). '*Enhancing and future-proofing Posidonia australis restoration: the power of genetics and the role of the microbiome'.* (Joint supervisor).
- Lena Holtmanns (PhD candidate). '*Interactive effects of light and habitat complexity on coastal systems'.* (Primary supervisor).
- Dana Lanceman (PhD candidate). '*Intertwining ecology and engineering approaches to maximise biodiversity and ecosystem service benefits in coastal ecosystem restoration projects*'. (Primary supervisor).
- Orla McKibbin (PhD candidate). '*How do human habitat modifications impact the functioning of marine ecosystems?*' (Primary supervisor)
- Nik Hubbard (Scientia PhD candidate). '*In the spotlight: impacts of artificial light at night on the coastal environment*'. (Primary supervisor)

- Thayanne Lima Barros (Scientia PhD, completed in September 2024). '*Latitudinal gradients and coastal communities' vulnerability to anthropogenic stress*'. (Primary supervisor).
- Nina Schaffer (PhD, completed in April 2019). '*Effects of urbanization and climate change on estuarine systems*'. (Joint supervisor).
- Shinjiro Ushiama (PhD, completed in 2020). '*The effects of urbanisation on fish communities'*. (Joint supervisor).
- Joshua Hamilton (BsC Honours, 2024, ongoing). '*Long term effects of seawall habitat enhancement on fish and fouling assemblages'*. (Primary supervisor)
- Jenna Beyer (BsC Honours, 2024, ongoing). '*Eco-engineering in new environments: Assessing the impacts of adding rock pool habitat enhancement modules to pilings at a wharf in Sydney Harbour'*. (Primary supervisor).
- Gabrielle Young (BsC Honours 2023, First Class). '*Artificial light at night reduces predation and herbivory rates in a nearshore reef'.* (Primary Supervisor).
- Shanaya Strachan (BsC Honours 2023, Second Class). '*Eco-engineered seawalls support greater abundances and larger individuals of grazing gastropods than unmodified seawalls'.* (Primary Supervisor).
- Hanbin Yu (BSc Honours 2022, First Class). '*The effect of large-scale eco-engineering interventions on subtidal fish communities in Sydney Harbour*'. (Primary Supervisor).
- Orla McKibbin (BSc Honours 2020, First Class). '*Long-term changes to intertidal communities on seawalls and rocky shores in Sydney Harbour*' (Primary Supervisor).
- Elizabeth Macarounas (BSc Honours 2020, First Class). '*The effect of anthropogenic stressors on marine holobionts'*. (Primary Supervisor).
- Elisa Tan (BSc Honours 2014, First Class). '*Coastal Structures and Intertidal Microbial Communities'*. (Joint supervisor).
- Wills Brassil (BSc Honours 2014, First class). '*Artificial light results in increased predation pressure on sessile invertebrate communities*'. (Joint supervisor)
- I have co-supervised 1 Honour student at the University of Sydney (Salil Barret, BSc 2022, First Class) and two Master students (MSc Research) from Macquarie University (Megan Threthewy, MSc 2021 and Annemie Janssen, MSc 2022).
- From 2018-19, I supervised and mentored an international postdoc, Dr Aline Martinez, who secured a competitive Brazilian fellowship to work with me in Sydney, Australia.
- Co-supervised 3 visiting international Honours students: Hayden Hurst, Matthias Konig and Maximilian Schwarz who completed their honours at Plymouth University, UK; Rurh University Bochum, Germany and Maastricht University, Netherlands, respectively. During their time in Sydney, I supervised their fieldwork, data analyses and interpretation and writing.
- Host researcher for the PhD student Eliza Heery during her stay at UNSW, funded by an EAPSI scholarship from the National Science Foundation of USA.
- Through the Living Seawalls, I supervise and mentor a post-doctoral researcher and a research assistant, both based at the Sydney Institute of Marine Sciences (SIMS). In addition, a total of 6 HDR students and 11 interns are/have been directly involved in the project. The quality of my supervision and mentorship is further evidenced by the work of my students and post-docs being published in highly ranked peer-review journals (e.g. Shaefer et al 2019, 2020; Ushiama et al. 2019; Tan et al 2015; all of which are in Q1 journals).

TEACHING EXPERIENCE

- **2022 – current** Lecturer for the general field course 'Coral Reefs and Climate Change' (MSCI2060)
- **2021 – current** Lecturer for the general course 'Exploring the Natural World' (BEES1041).
- **2019 – current** Lecturer for the Marine Biology session for the 2nd Year Course, 'Introductory Marine Science' (MSCI2001).
- **2018** Invited Lecturer for the 3rd Year Course, 'Marine and aquatic ecology' - BIOS3091, at University of New South Wales, for the 2nd Year Course, 'Introductory Marine Science' – MSCI2001

- **2016** Lecturer for the Marine Biology session for the 2nd Year Course, 'Introductory Marine Science' (MSCI2001).
- **2015** Invited Lecturer for the 3rd Year Course, 'Environmental Impact Assessment' - GEOS3911, at University of New South Wales.
- **2014** Invited Lecturer for the 3rd Year Course, 'Marine and aquatic ecology' - BIOS3091, at University of New South Wales, for the 2nd Year Course, 'Introductory Marine Science' – MSCI2001

  Co-coordinator and lecturer of a 3-day Workshop on Experimental Design and Statistics" – Basic & Advanced (UNSW and NTU/NUS, Singapore)
- **2013** Associate Lecturer (0.4 FTE) at the School of Biological, Earth and Environmental Sciences, Faculty of Science, University of New South Wales. Coordinator and lecturer of the 3rd Year Course, 'Marine and aquatic ecology' - BIOS3091, at University of New South Wales.

  Invited Lecturer of the 1st Year Course, 'The Marine Environment' - MSCI0501, at University of New South Wales.
- **2012** Coordinator of the 1st Year Course, 'The Marine Environment' - MSCI0501, at University of New South Wales, on the second semester of 2012.
- **2009 – 2010** Tutor of the course 'Marine Biology' – BIOL3013, at The University of Sydney

  Guest Lecturer and marker of the postgraduate course 'Master of Marine Science and Management' – LC067, at The University of Sydney.
- **2005 – 2010** Teaching Assistant, at the School of Biological Sciences, at the University of Sydney for the 1st Year Courses, 'Concepts in Biology' – BIOL2001 and 'Living Systems' – BIOL2002 and for the course 'Animal Ecological Physiology' – BIOL3045.

OUTREACH (selected)

Public outreach articles and media interviews - My research on the impacts of artificial structures and ecological engineering as well as on light pollution has been featured in national newspapers (SMH), on radio (ABC), on television (Nine News, Channel Ten News, ABC); in podcasts (Animalia) and online (Reuters Global; The Brilliant). I have presented online at the 2021 Smart City Expo Miami which **had a reach of 27 million people.** I was featured in the 2022 Australia Day "My Australia" Instagram series, highlighting the impact of my research in Australia and worldwide. I have also written 5 outreach articles in The Conversation about the urbanisation of marine systems and the impacts of light pollution, which have been read by > 120,000 readers. I was featured in an episode of *Teached AZ* about climate change, which is shared on Facebook and has been viewed by > 27,000 people. This is an online documentary series that follows the animated cartoon series broadcasted by ABC, *Beached AZ*. Most recently I was invited to present about *Living Seawalls* at the 2024 Global Nature Positive Summit, on Cockatoo Island, Sydney, including a site visit to demonstrate nature positive partnerships in action.

Educational - I am a passionate advocate for gender equality and particularly for fostering the development of future scientists and I participate regularly in outreach activities focused on female high-school students. As an example, I was one of the presenters in the Women in STEM event organised by the Australian National Maritime Museum (2023 and 2024) that hosted 400 high-school girls. I participated on the CSIRO "Scientists in Schools" program, as the resident scientist of SCEGGS Darlinghurst School (2017-2020). As part of the program, I have given multiple presentations to Years 6-11, acting as a female role model in STEM. I was also selected as a UNSW Women in Maths and Science Champion. This program aims to support female early career researchers, so they become ambassadors who will influence and inspire women to pursue a career in maths and science, through regular participations in outreach activities focused on female students.

EDITORIAL ACTIVITIES

- Associate Editor of *Journal of Applied Ecology*, *Frontiers in Marine Science* and *Austral Ecology*.
- Guest editor of *PLos One* special issue on Urban Ecosystems
- Guest editor of the special issue from the symposium Australian and New Zealand Marine

Biotechnology Society Symposium in *The Journal of Marine Science and Engineering*.

- I regularly review ~12 papers/yr for international journals such as *Conservation Biology*, *Nature Communications*, *Science of the Total Environment*, *Marine Ecology Progress Series*, *Marine Environmental Research*, *Journal of Environmental Management* and *Environmental Pollution*.
- Reviewer for national and international grants (e.g. Holsworth grants, Sea Grant Scheme, USA; Israeli Science Foundation, Wales Government; Hong-Kong government).

OTHER PROFESSIONAL ACTIVIES (selected)

- Deputy Director of Undergraduate Teaching and part of the Executive Committee of the Centre for Marine Science and Innovation (CMSI) at UNSW (2021- current).
- Honours coordinator (2020-2022) and Lead coordinator (2022-current) for the School of Biological, Earth and Environmental Sciences, UNSW.
- Member of the scientific committee for the Australian Coastal Restoration Network (ACRN) symposium, held in Sydney, May 2024
- Member of the scientific committee for the Australian Marine Science Association (AMSA) conference, held in the Gold Coast, July 2023
- Author of the third UN World Ocean Assessment (WOA III), Section 5A, Chapter 10: Geoengineering, 2024
- Author of two sections (on artificial structures and light pollution) for the Coastal chapter of the Australian State of the Environment State Report (2021).
- Expert Reviewer of the Coastal and Marine chapters of the Australia State of Environment Report (2021).
- Convenor of the workshop 'Exploring impacts and management opportunities for artificial light at night', to be held at the Sydney Institute of Marine Sciences, Sydney, February 2020.
- Local organiser of the Australia New Zealand Marine Biotechnology Society (ANZMBS) conference held at UNSW, Sydney in May 2019.
- Member of the NSW Council, Australian Marine Science Association, since 2017. Lead author of a written submission to comment on the Coastal Management State Environment and Planning Policy, and author to submissions commenting on independent Commonwealth Marine Reserves Review and Marine Estate Management Authority Draft Statewide Threat and Risk Assessment.
- Lead organiser of a multi-disciplinary event attended by professionals from different stakeholder groups working in the marine environment in December 2017. Attendees ranged from NGOs, filmmakers, state government (e.g. DPI and OEH), councils, journalists and academics. During the workshop, participants (> 70) discussed a wide variety of topics ranging from science communication to funding and conservation priorities.
- Member of the Steering Committee for the 9th International Conference on Marine Bioinvasions (Sydney, 2014).
- Convenor of a symposium on Green Engineering for the Australian Marine Sciences Association annual conference (Canberra, 2014).
- Convenor of a symposium on Green Engineering for the Estuarine and Coastal Shelf Sciences annual conference (London, 2015).

SKILLS AND QUALIFICATIONS

COURSES/ WORKSHOPS

Data analysis

- Linear Mixed Effects Models, GLMM and MCMC with R. Drs A Zuur and E Ieno, Highland Statistics Ltd, UK. The University of New South Wales, Sydney, Australia. 19-22 July 2016.
- Model Selection and Multimodel Inference. Professor D Anderson. Macquarie University, Australia. 29-30 October 2014.
- Short Intermediate Stats course. Schools of Biological, Earth and Environmental Sciences and

Mathematics and Statistics. The University of New South Wales, Sydney, Australia. 30/09 – 4 October 2013.

- Design of biological experiments and ecological sampling. Professors AJ Underwood and MG Chapman. Universidade Federal Fluminense, Rio de Janeiro, Brasil, March 2002 and University of Sydney, Australia. March 2005.

LANGUAGES

- Portuguese (native language); English (fluent); Spanish (fluent); Italian (basic); French (basic).

OTHER

- PADI Scientific and Rescue Diver & Dive Coordinator;
- Senior First Aid & DAN Oxygen Provider
- Boat Driver's Licence (NSW)

CAREER BREAKS

Since completing my PhD, I have had multiple career interruptions including:

- Relocation from Brazil to Australia before starting my employment as a Manager Scientist in the consultancy company RPS (2009-2010).
- ~ 4 years of non-academic work (e.g. consultancy-work in Perth and Sydney and teaching only appointments; 2010-2014).
- Maternity leave (2015-2016).
- Maternity leave (2019-2020).

REFERENCES (more can be provided as requested)

Professor Emma Johnston, *Deputy Vice-Chancellor, Research*
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