

Research Interest

My research is broadly focused on developing science-based solutions for the conservation and management of marine megafauna in a changing world. It draws together a wide range of disciplines (including ecology, biology, geology, conservation policy and climate modelling) and I often work closely with various stakeholders on interdisciplinary research topics and management issues. My expertise is in integrating field-based ecology with systematic conservation planning, decision-theory approaches, climate modelling and applied qualitative and geographic spatial analysis. I use these tools to explore how marine megafauna; especially marine turtles interact with environmental processes and how they are impacted by current and future disturbances. I am a member of the IUCN Marine Turtle Specialist Group.

Higher Education

- **2010 - PhD (awarded *Cum Laude*), James Cook University, Townsville, Australia**
 - Dissertation: Vulnerability of sea turtles to climate change: a case study within the northern Great Barrier Reef green turtle population.
 - Supervisors: Professor Col Limpus, Dr. Mark Hamann and Dr. James Moloney.
- **2004 - Honor's (awarded I Class), James Cook University, Townsville, Australia**
 - Dissertation: The feeding ecology of juvenile green turtles, *Chelonia mydas*, at Green Island, North QLD, Australia.
 - Supervisors: Dr. Emma Gyuris, Dr. Ivan Lawler and Ian Bell.
- **2003 - Bachelor of Science, James Cook University, Townsville, Australia**
 - Majors in marine biology and environmental sciences.

Employment History

- **2020- current, Associate Professor**
 - Department of Earth, Ocean and Atmospheric Science, Florida State University (USA)
- **2015 – 2020, Assistant Professor**
 - Department of Earth, Ocean and Atmospheric Science, Florida State University (USA)
- **2015, Research Fellow**
 - School of Earth and Environmental Sciences, James Cook University (Australia)
- **2011 – 2014, Super Science Postdoctoral Fellow**
 - ARC Centre of Excellence for Coral Reef Studies (Australia)
- **2010, Research Assistant**
 - Professor. Helene Marsh, James Cook University (Australia)
- **2007, 2008 and 2009, Group Leader,**
 - **Earthwatch Institute (Australia)**
- **2006, Research Assistant**
 - Global Lifestyles- Social technologies (Brazil)

- **2005, Research Assistant (September to December)**
 - Wildlife Conservation Society, Marine Program (Madagascar)
- **2005, Research/ Field leader (May to September)**
 - Barbados Sea Turtle Project (Barbados)
- **2003, Field assistant**
 - Queensland Parks and Wildlife Service (Australia)
- **2001 to 2004, 2006, Research Team Leader,**
 - Indo Pacific Sea Turtle Conservation Group (Australia)
- **2001, Trainee,**
 - Sea Turtle Preservation Project Tamar (Brazil)

Memberships

- Ecological Society of America
- International Sea Turtle Society
- Society for Conservation Biology

Publications (h-index 28)

Refereed journal articles (# postdoctoral fellow, ** graduate student and *undergraduate student author under my supervision)

2021

77. Patrício, A. R., Hawkes, L. A., Monsinjon, J. R., Godley, B. J., **Fuentes, M. M. P. B.** (2021). Climate change and marine turtles: recent advances and future directions. *Endangered Species Research*, 44, 363-395.
76. **Hooper, L. K., Tyson Moore, R. B., Boucquey, N., McHugh, K. A., **Fuentes, M. M. P. B.** (2021). Compliance of dolphin ecotours to marine mammal viewing guidelines. *Journal of Sustainable Tourism*, 1-19.
75. **Fuentes, M. M. P. B.**, Meletis, Z., Wildermann, N., Ware, M. (2021). Conservation interventions to reduce vessel strikes on sea turtles: A case study in southern Florida. *Marine Policy*, 128, 104471.
74. **Santos, A. J., B. B., Santos, E. A. P., Sales, G., Ramos, R., Vieira, D. H. G., **Fuentes, M. M. P. B.** (2021). Effectiveness and design of marine protected areas for migratory species of conservation concern: A case study of post-nesting hawksbill turtles in Brazil. *Biological conservation*, 261, 109229.
73. **Silver-Gorges, I., Ingels, J., dos Santos, G. A. P., Valdes, Y., Pontes, L. P., Silva, A. C., **Fuentes, M. M. P. B.** (2021). Epibionts reflect spatial and foraging ecology of Gulf of Mexico loggerhead turtles (*Caretta caretta*). *Frontiers in Ecology and Evolution*, 9, 388.
72. #Ware, M., Ceriani, S. A., Long, J. W., **Fuentes, M. M. P. B.** (2021). Exposure of Loggerhead Sea Turtle Nests to Waves in the Florida Panhandle. *Remote Sensing*, 13, 14.
71. Nelms, S. E., Alfaro-Shigueto, J., Arnould, J. P. Y., Avila, I. C., Bengtson Nash, S., Campbell, E., **Fuentes, M. M. P. B.**, Godley, B. J. (2021). Marine mammal conservation: over the horizon.

Endangered Species Research, 44, 291-325.

70. **Silver-Gorges, Ceriani, S. A., Ware, M., Lamb, M., Lamont, M., Becker, J., **Fuentes, M. M. P. B.** (2021). Using systems thinking to inform management of imperiled species: A case study with sea turtles. *Biological conservation*, 260, 109201.

69. Siegfried, T. R., **Fuentes, M. M. P. B.**, Ware, M., Robinson, N. J., Roberto, E., Piacenza, J. R., & Piacenza, S. E. (2021). Validating the use of stereo-video cameras to conduct remote measurements of sea turtles. *Ecology and Evolution*, 11, 8226– 8237.

2020

68. **Gillis, A.J., Wildermann, N.E., Ceriani, S.A., Seminoff, J.A., **Fuentes, M.M.P.B.** (2020) Evaluating different spatial scales of forage item availability to determine diet selection of juvenile green turtles (*Chelonia mydas*). *Marine Biology* 167, 170.

67. **Putillo, A. R. Flint, M., Seminoff, J., Spencer, R.G.M., **Fuentes, M.M.P.B.** (2020). Plasma biochemistry profiles of juvenile green turtles from the Bahamas with potential influence of diet. *Journal of Wildlife Diseases*, 56(4), 768-780.

66. **Lovemore, T. E. J., Montero, N., Ceriani, S. A., **Fuentes, M. M. P. B.** (2020). Assessing the effectiveness of different sea turtle nest protection strategies against coyotes. *Journal of Experimental Marine Biology and Ecology*, 533, 151470.

65. **Fuentes, M. M. P. B.**, Allstadt, A. J., Ceriani, S. A., Godfrey, M. H., Gredzens, C., Helmers, D., Ingram, D., Pate, M., Radeloff, V. C., Shaver, D.J., Wildermann, N., Taylor, L., Bateman, B. L. (2020). Potential adaptability of marine turtles to climate change may be hindered by coastal development in the USA. *Regional Environmental Change*, 20(3), 104. doi:10.1007/s10113-020-01689-4

64. Mills, M., Magris, R. A., **Fuentes, M. M. P. B.**, Bonaldo, R., Herbst, D. F., Lima, M. C. S., . . . de Freitas, R. R. (2020). Opportunities to close the gap between science and practice for Marine Protected Areas in Brazil. *Perspectives in Ecology and Conservation*. doi:https://doi.org/10.1016/j.pecon.2020.05.002

63. Ingels, J.; Valdes, Y.; Pontes, L.P.; Silva, A.C.; Neres, P.F.; Corrêa, G.V.V.; Silver-Gorges, I.; **Fuentes, M.M.P.B.**; Gillis, A.; Hooper, L.; Ware, M.; O'Reilly, C.; Bergman, Q.; Danyuk, J.; Sanchez Zarate, S.; Acevedo Natale, L.I.; dos Santos, G.A.P. (2020). Meiofauna Life on Loggerhead Sea Turtles-Diversely Structured Abundance and Biodiversity Hotspots That Challenge the Meiofauna Paradox. *Diversity* 12, 203.

62. **Fuentes M.M.P.B.**, Wildermann, N., Gandra, T.B.R., Domit, C. (2020). Cumulative threats to juvenile green turtles in the coastal waters of southern and southeastern Brazil. *Biodiversity and Conservation* 29,1783-1803.

61. **Ware, M., **Fuentes M.M.P.B.** (2020). Leave No Trace ordinances for coastal species management: influences on sea turtle nesting success. *Endangered Species Research* 41,197-207.

2019

60. **Fuentes, M.M.P.B.**, Godfrey, M.H., Shaver, D., Ceriani, S., Gredzens, C., Boettcher, R., Ingram, D., Ware, M., Wildermann, N., (2019). Exposure of Marine Turtle Nesting Grounds to Named Storms Along the Continental USA. *Remote Sensing* 11, 2996.
59. *Drobes, E. M., Ware, M., Beckwith, V. K., **Fuentes, M. M. P. B.** (2019). Beach Crabbing as a Possible Hindrance to Loggerhead Marine Turtle Nesting Success. *Marine Turtle Newsletter*, 159, 1-4.
58. Monsinjon, J. R., Wyneken, J., Rusenko, K., Lopez, M., Lara, P., Santos, A., Marcovaldi, M. A. G., **Fuentes, M. M. P. B.**, Kaska, Y., Tucek, J., Nel, R., Williams, K. L., LeBlanc, A., Rostal, D., Guillon, J., & Girondot, M. (2019). The climatic debt of loggerhead sea turtle populations in a warming world. *Ecological Indicators*. 107, 105657.
57. **Sella, K., & **Fuentes, M. M. P. B.** (2019). Using expert opinion to prioritize impacts of coastal construction on sea turtle nesting grounds. *Coastal Management*. doi:10.1080/08920753.2019.1642176
56. Monsinjon, J., Lopez, M., Lara, P., Santos, A., Marcovaldi, M. A. G., Girondot, M., **Fuentes, M. M. P. B.** (2019). The effects of temperature and demography on the nesting phenology of loggerhead turtles in Brazil. *Marine Ecology Progress Series*, 623, 209-219.
55. **Williams, J.L., Pierce, S.J., Hamann, M., **Fuentes, M.M.P.B.** (2019). Using expert opinion to identify and determine the relative impact of threats to sea turtles in Mozambique. *Aquatic Conservation: Marine and Freshwater Ecosystems*. 1– 13.
54. **Montero, N., P. S. Tomillo, V. S. Saba, M. A. G. dei Marcovaldi, M. López-Mendilaharsu, A. S. Santos, **Fuentes, M. M. P. B.** (2019). Effects of local climate on loggerhead hatchling production in Brazil: Implications from climate change. *Scientific Reports*. 9:8861.
53. #Wildermann, N.E., Sasso, C.R., Stokes, L.W., Snodgrass, D., **Fuentes, M.M.P.B.** (2019). Habitat use and behavior of multiple species of marine turtles at a foraging area in the Northeastern Gulf of Mexico. *Frontiers in Marine Science*. 6, 155.
52. **Ware, M., Long, J. W., **Fuentes, M.M.P.B.** (2019). Using wave runup modeling to inform coastal species management: An example application for sea turtle nest relocation. *Journal of Ocean and Coastal Management*. 173, 17-25.
51. Maxwell, S.M., Broderick, C.A., Dutton, P.H., Fossette-Halot, S., **Fuentes, M.M.P.B.**, Reina, R. (2019). Editorial: Advances in the Biology and Conservation of Marine Turtles. *Frontiers in Marine Science*, 6,9.
- 50.*Garrison, S., **Fuentes, M.M.P.B.** (2019). Marine debris at nesting grounds used by the Northern Gulf of Mexico Loggerhead Recovery Unit. *Marine Pollution Bulletin*, 139, 59-64.
- 49.**Sella, K., **Fuentes, M.M.P.B.** (2019). Exposure of Marine Turtle Nesting Grounds to

Coastal Construction: implications for management. *Journal of Ocean and Coastal Management*, 169 182-190.

48. **Fuentes, M.M.P.B.**, Gillis, A.J., Ceriani, S.A., Guttridge, T. L., Van Zinnicq Bergmann, M.P.M., Smukall, M. Gruber, S.H., Wildermann, N. (2019). Delineating Marine Protected Areas in Bimini, Bahamas by considering hotspots for the green turtle (*Chelonia mydas*). *Biodiversity and Conservation*, 28,197–211.

2018

47. **Ware, M., **Fuentes, M.M.P.B.** (2018). Potential for relocation to alter the incubation environment and productivity of sea turtle nests in the northern Gulf of Mexico. *Chelonian Conservation Biology*, 17, 252-262.

46. **Montero, N., Marcovaldi M.A.G., López-Mendilaharsu M., Santos A.S., **Fuentes M.M.P.B.** (2018). Warmer and wetter conditions will reduce offspring production of hawksbill turtles in Brazil under climate change. *Plos One* 13(11). <https://doi.org/10.1371/journal.pone.0204188>

45. #Wildermann, N.E., Gredzens, C., Avens, L., Barrios-Garrido, H.A., Bell, I., Blumenthal, J., Bolten, A.B., Braun McNeill, J., Casale, P., Di Domenico, M., Domit, C.A., Epperly, S.P., Godfrey, M.H., Godley, B.J., Carman, V.G., Hamann, M., Hart, K.M., Ishihara, T., Mansfield, K., Metz, T.L., Miller, J.D., Pilcher, N.J., Read, M.A., Sasso, C., Seminoff, J.A., Seney, E.E., Southwood Williard, A., Tomás, J., Vélez-Rubio, G.M., Ware, M., Williams, J.L., Wyneken, J., **Fuentes, M.M.P.B.** (2018). Informing research priorities for immature sea turtles through expert elicitation. *Endangered Species Research*.

44. **Montero, N., Ceriani, S.A., Graham, K., **Fuentes, M. M. P. B.** (2018). Influences of the local climate on loggerhead hatchling production in North Florida: Implications from climate change. *Frontiers in Marine Science*, 5, 262

43. **Gillis, A. J., Ceriani, S. A., Seminoff, J. A., **Fuentes, M. M. P. B.** (2018). Foraging ecology and diet selection of juvenile green turtles in the Bahamas: insights from stable isotope analysis and prey mapping. *Marine Ecology Progress Series*, 599, 225-238

42. #Wildermann, N. Sasso, C., Gredzens, C., **Fuentes, M. M. P. B.** (2018). Assessing the effect of recreational scallop harvest on the distribution and behavior of foraging marine turtles. *Oryx*, 1-8

41. *Beckwith, V. K. and **Fuentes M. M. P. B.** (2018). Microplastic at nesting grounds used by the northern Gulf of Mexico loggerhead recovery unit. *Marine Pollution Bulletin*, 131, 32-37

40. ** Ware M, and **Fuentes, M. M. P. B.** (2018). A comparison of methods used to monitor groundwater inundation of sea turtle nests. *Journal of Experimental Marine Biology and Ecology*, 503, 1-7

39. **Riskas, K. A., Tobin, R., **Fuentes, M. M. P. B.**, Hamann, M. (2018). Using expert opinion

to evaluate the threat of illegal, unreported and unregulated (IUU) fishing to sea turtles: a case study in the Indian Ocean and Southeast Asia. *Biological Conservation*, 217, 232-239

2017

38. **Fuentes, M. M. P. B.**, Monsinhon, J., Lopez, M., Lara, P., Santos, A., Marcovaldi, M. A. G., Girondot, M. (2017). Sex ratio estimates for species with temperature-dependent sex determination differ according to the proxy used. *Ecological Modelling*. 365, 55-67

37. **Cleguer, C., Garrigue, C., **Fuentes, M. M. P. B.**, Everingham, H., Hagihara, R., Hamann, M., Payri, C., Marsh, H. (2017) Drivers of change in the relative abundance of dugongs in New Caledonia. *Wildlife Research*. <https://doi.org/10.1071/WR16133>

36. Tyson, R., Piniak, W. E. D., Domit, C., Mann, D., Hall, M., Nowacel, D. P., **Fuentes, M. M. P. B.** (2017) Applications for studying fine-scale behaviors of marine turtles in response to sound. *Frontiers in Marine Science*. 4, 219

35. **Wildermann, N., Critchell, K., **Fuentes, M. M. P. B.**, Limpus, C., Wolanski, E., Hamann, M. (2017) Does behavior affect the dispersal of flatback post-hatchlings in the Great Barrier Reef? *Royal Society Open Science* 4 (5), 170164

34. **Williams J, Pierce, S J., Rohner, C. A., **Fuentes, MMPB.**, Hamann, M. (2017). Spatial distribution and residency of green and loggerhead sea turtles using coastal reef habitats in southern Mozambique . *Frontiers in Marine Science*. 3:288.

2016

33. Rees, A. F., Alfaro-Shigueto, J., Barata, P. C. R., Bjorndal, K. A., Bolten, A. B., Bourjea, J., Broderick, A. C., Campbell, L. M., Cardona, L., Carreras, C., Casale, P., Ceriani, S. A., Dutton, P. H., Eguchi, T., Formia, A., **Fuentes, M. M. P. B.**, Fuller, W. J., Girondot, M., Godfrey, M. H., Hamann, M., Hart, K. M., Hays, G.C., Hochscheid, S., Kaska, Y., Jensen, M.P., Mangel, J. C., Mortimer, J.A., Naro-Maciel, E., W. J. Nichols, W. J., Phillott, A. D., Reina, R.D., Revuelta, O., Schofield, G., Seminoff, J.A., Shanker, K., Tomás, J., van de Merwe, J.P., Van Houtan, K.S., Vander Zanden, H. B., Wallace, B. P., WedemeyerStrombel, K.R., Work, T. M., Godley, B. J. (2016) Review: Are we working towards global research priorities for management and conservation of sea turtles? *Endangered Species Research Journal*, 31, 337-382.

32. **Fuentes MMPB**, Gredzens C, Bateman BL, Boettcher R, Ceriani SA, Godfrey MH, Helmers D, Ingram DK, Kamrowski RL, Pate MP, Pressey RL, Radeloff VC. (2016) Conservation hotspots for marine turtle nesting in the United States based on coastal development. *Ecological Applications*, 26, 2706-2717

31. **Fuentes MMPB**, Delean S, Grayson J, Lavender S, Logan M, Marsh H. (2016) Spatial and temporal variation in the effects of climatic variables on dugong calf production. *PlosOne* 11(6): e0155675. doi:10.1371/journal.pone.0155675

30. **Fuentes MMPB**, Chambers LE, Chin A, Dann P, Dobbs K, Poloczanska E, Maison K, Turner M, Pressey RL, Marsh H (2016) Adaptive management of marine mega-fauna in a changing climate. *Mitigation and Adaptation Strategies for Global Change*, 21, 209- 224.

29. **Riskas KA, **Fuentes MMPB**, Hamman M. (2016) Justifying the need for collaborative management of fisheries bycatch: a lesson from marine turtles in Australia. *Biological Conservation*, 196, 40-47.
28. Gama LR, Domit C, Broadhurst MK, **Fuentes MMPB**, Millar RB. (2016) Green turtle *Chelonia mydas* foraging ecology at 25oS in the western Atlantic: evidence to support a feeding model driven by intrinsic and extrinsic variability? *Marine Ecology Progress Series*, 542, 209-219.
27. Marcovaldi MA, López-Mendilaharsu M, Santos AS, Gustave GL, Godfrey M, Tognin F, Baptistotte C, Thome JC, Dias ACC, Castilhos JC, & **Fuentes MMPB**. (2016) Identification of loggerhead male producing beaches in the south Atlantic: Implications for conservation. *Journal of Experimental Marine Biology and Ecology*, 477, 14-22.
26. Cinner JE, Pratchett MS, Graham NAJ, Messmer V, **Fuentes MMPB**, Ainsworth T, Ban NC, et al. (2016) A framework for understanding climate change impacts on coral reef social-ecological systems. *Regional Environmental Change*. 16, 1133-1146.
25. **Williams JL, Pierce SJ, **Fuentes MMPB**, Hamann M (2016) The tradition of take: sea turtle consumption in Dovelá, Mozambique. *African Sea Turtle Newsletter* 5, 27- 31

2015

24. **Fuentes, M. M. P. B.**, Blackwood, J., Jones, B., Kim, M., Leis, B., Limpus, C., Marsh, H., Mitchell, J., Pouzols, F., Pressey, R., & Visconti, P. (2015). A decision framework for prioritizing multiple management actions for threatened marine megafauna. *Ecological Application*, 25, 200-214.
23. **Fuentes, M. M. P. B.**, Bell, I., Hagihara, R., Hamann, M., Hazel, J., Huth, A., Seminoff, J., Sobtzick, S., & Marsh, H. (2015). Improving in-water estimates of marine turtle abundance by adjusting aerial survey counts for perception and availability biases. *Journal of Experimental Marine Biology and Ecology*, 471, 77-83.
22. **Jourdan, J., **Fuentes, M. M. P. B.** (2015). Effectiveness of strategies at reducing sand temperature to mitigate potential impacts from changes in environmental temperature on sea turtle reproductive output. *Mitigation and Adaptation Strategies for Global Change*, 20, 121-133.
21. **Williams, J. L., Pierce, S. J., **Fuentes, M. M. P. B.**, Hamann, M. (2015). Effectiveness of recreational divers for monitoring sea turtle populations. *Endangered Species Research*, 26, 209-219.
20. Zeh, D., Heupel, M., Limpus, C., Hamann, M., **Fuentes, M. M. P. B.**, Babcock, R., Pillans, R., Townsend, K., & Marsh, H. (2015). Is acoustic tracking appropriate for air-breathing marine animals? Dugongs as a case study. *Journal of Experimental Marine Biology and Ecology*, 464, 1-10.

2014

19. **Gredzens, C., Hamann, M., Marsh, H., **Fuentes, M. M. P. B.**, Limpus, C. J., & Shimada, T. (2014). Satellite tracking of sympatric marine megafauna can inform the biological basis for species co-management. *PlosONE*, doi:10.1371/journal.pone.0098944
18. Marcovaldi, M. A. G., Santos, A. J. B., Santos, A. S., Soares, L. S., Lopez, G. G., Godfrey, M. H., López-Mendilaharsu, M., & **Fuentes, M. M. P. B.** (2014). Spatio-temporal variation in the incubation duration and sex ratio of hawksbill hatchlings: implication for future management. *Journal of Thermal Biology*, 44, 70-77.
17. Tallis, H... **Fuentes, M.M.P.B.**, et al (2014) A call for inclusive conservation. *Nature*, 515, 27-28.

2013

16. **Fuentes, M. M. P. B.**, Christophe, C., Nikolai, L., Guy, B., David, A., Hankin, C., Phillip, M., Shimada, T., & Marsh, H. (2013). Adapting dugong catching techniques to different cultural and environmental settings. *Marine Mammal Science*, 29, 159-166.
15. **Fuentes, M. M. P. B.**, Pike, D., Dimatteo, A., & Wallace, B. (2013). Resilience of marine turtle regional management units to climate change. *Global Change Biology*, 19, 1399–1406.
14. **Fuentes, M. M. P. B.**, & Porter, W. (2013). Using a microclimate model to evaluate impacts of climate change on sea turtles. *Ecological Modelling*, 251, 150-157.
13. Magris, R., Mills, M., **Fuentes, M. M. P. B.**, & Pressey, B. (2013). Analysis of progress towards a comprehensive system of marine protected areas in Brazil. *Natureza & Conservação*, 11, 1-7.

2012

12. **Fuentes, M. M. P. B.**, Fish, M., & Maynard, J. (2012). Management strategies to mitigate the impacts of climate change on sea turtle's terrestrial reproductive phase. *Mitigation and Adaptation Strategies for Global Change*, 17, 51-63

2011

11. **Fuentes, M. M. P. B.**, Bateman, B. L., & Hamann, M. (2011). Relationship between tropical cyclones and the distribution of sea turtle nesting grounds. *Journal of Biogeography*, 38, 1886-1896.
10. **Fuentes, M. M. P. B.**, Limpus, C. J., & Hamann, M. (2011). Vulnerability of sea turtle nesting grounds to climate change. *Global Change Biology*, 17(1), 140-153

2010

09. **Fuentes, M. M. P. B.**, & Cinner, J. E. (2010). Using expert opinion to prioritize impacts of climate change on sea turtles' nesting grounds. *Journal of Environmental Management*, 91, 2511-2518.
08. **Fuentes, M. M. P. B.**, Hamann, M., & Limpus, C. J. (2010). Past, current and future thermal

profiles of green turtle nesting grounds: Implications from climate change. *Journal of Experimental Marine Biology and Ecology*, 383(1), 56-64.

07. **Fuentes, M. M. P. B.**, Dawson, J., Smithers, S., Limpus, C. J., & Hamann, M. (2010). Sedimentological characteristics of key sea turtle rookeries: potential implications under projected climate change. *Journal of Marine and Freshwater Research*, 61, 464-473.
06. **Fuentes, M. M. P. B.**, Limpus, C. J., Hamann, M., & Dawson, J. (2010). Potential impacts of projected sea level rise to sea turtle rookeries. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 20, 132-139.
05. **Fuentes, M. M. P. B.**, & Abbs, D. (2010). Effects of projected changes in tropical cyclone frequency on sea turtles. *Marine Ecology Progress Series*, 412, 283-292.

Prior to 2010

04. **Fuentes, M. M. P. B.**, & Hamann, M. (2009). A rebuttal to the claim natural beaches confer fitness benefits to nesting marine turtles. *Biology Letters*, 5, 266-267.
03. Cinner, J., & **Fuentes, M. M. P. B.** (2009). Exploring social resilience in Madagascar's marine protected areas. *Ecology and Society*, 14, 41.
02. **Fuentes, M. M. P. B.**, Maynard, J. A., Guinea, M., Bell, I. P., Werdell, P. J., & Hamann, M. (2009). Proxy indicators of sand temperature help project impacts of global warming on sea turtles. *Endangered Species Research Journal*, 9, 33-40.
01. **Fuentes, M. M. P. B.**, Lawler, I. R., & Gyuris, E. (2006). Dietary preferences of juvenile green turtles (*Chelonia mydas*) on a tropical reef flat. *Wildlife Research*, 33, 671-678.

Book and Book Chapters- refereed

- **Fuentes, M. M. P. B.**, Marcovaldi, M. A. G., & Lara, P. (2021). Studying the Thermal Profile of Nesting Grounds to Infer Potential Impacts From Climate Change on Sea Turtles. In B. Nahill (Ed.), *Sea Turtle Research and Conservation: Lessons From Working In The Field* (pp. 177-181). Elsevier, Academic Press.
- Stys, B., **Fuentes, M. M. P. B.**, Glazer, B., Karish, K., Montero, N., & Reece, J. (2017). Climate Change Impacts on Florida's Biodiversity and Ecology. In Chassignet Ep, Jones JW, Misra V, & Beyseker J (Eds.), *Florida's Climate: Changes, Variations, & Impacts*. Florida Climate Institute, Gainesville Fl, USA.
- **Fuentes, M. M. P. B.**, & Saba, V. (2016). Impacts and effects of ocean warming on marine turtles. In Laffoley, D., & Baxter, J. M (Eds.), *Explaining ocean warming: Causes, scale, effects and consequences*. Gland, Switzerland: IUCN.
- **Fuentes, M. M. P. B.** (2015) A sea turtle lesson with Traina and Tjanna. Adelpha publishing and Design, Australia (24pp.) ISBN 978-0-9808178-7-4 (pbk.)

- Hamann, M., **Fuentes, M. M. P. B.**, Ban, N., Mocellin, V. (2013) Climate change and marine turtles. In: The biology of sea turtles (Eds. J Wyneken , KJ Lohmann, JA Musick). Vol 3. Taylor & Francis Group, Boca Ranton, pp. 353- 378., ISBN 978-1-43-987307
- **Fuentes, M. M. P. B.** (2012) Dhyum the dugong (2012) Reef & Rainforest Research Centre Limited, Cairns, Australia (32pp.). ISBN 978-1-921359-86-6 (pbk.).
- **Fuentes, M. M. P. B.**, Hamann, M., Lukoschek, V. (2012) Marine Reptiles and Climate Change. In A Marine Climate Change Impacts and Adaptation Report Card for Australia 2012 (Eds. ES Poloczanska, AJ Hobday and AJ Richardson). ISBN 978-0-643-10927-8.
- **Fuentes, M. M. P. B.** (2010) Myrtle’s battle against climate change. Reef & Rainforest Research Centre Limited, Cairns, Australia (22pp.). ISBN 978-1-921359-42-2 (pbk.)
- **Fuentes, M. M. P. B.** (2010) Turtles from eggs to ocean. In National Geographic for Kids. p 235-239.
- **Fuentes, M. M. P. B.**, Hamann, M., Lukoschek, V. (2009) Marine Reptiles and Climate Change. In A Marine Climate Change Impacts and Adaptation Report Card for Australia 2009 (Eds. ES Poloczanska, AJ Hobday and AJ Richardson), NCCARF Publication 05/09, ISBN 978-1-921609-03-9.
- Cinner, J.E., **Fuentes, M. M. P. B.** (2008) Human Dimensions of Madagascar’s Marine Protected Areas. Pages 397-404. In: Obura D, Tamelander J, and Linden O. “Ten years after bleaching – consequences and issues facing countries in the Indian Ocean. CORDIO/Sida-SAREC. Mombasa.

Technical memoranda—refereed

- Nalovic, M.A., Ceriani, S. A., **Fuentes, M. M. P. B.**, Pfaller, J.B., Wildermann, N.E., & Cuevas, E. (2020). Sea Turtles in the North Atlantic & Wider Caribbean Region. MTSG Regional Report 2020. Report of the IUCN-SSC Marine Turtle Specialist Group.
- Hamann, M., Preston, S., Smith, J., **Fuentes, M. M. P. B.** (2015) Nesting green turtles of Torres Strait. Report to the National Environmental Research Program. Reef and Rainforest Research Centre Limited, Cairns (13 pp).
- Zeh, D.R., MR. Heupel, C.J. Limpus, M. Hamann, **Fuentes, M. M. P. B.**, R. Hagihara, R.C. Babcock , R.D. Pillans , K.A. Townsend and H. Marsh (2014). The potential of using data-logging acoustic receivers to study the movements and residency patterns of dugongs in port environments: a comparison with satellite tracking. Final report to Australian Marine Mammal Centre for Project 11/9.
- Hilbert D. W., Hill R., Moran C., Turton, S. M., Bohnet I., Marshall N. A., Pert P. L., Stoeckl N., Murphy H. T., Reside A. E., Laurance S. G. W., Alamgir M., Coles R., Crowley G., Curnock M., Dale A., Duke N. C., Esparon M., Farr M., Gillet S., Gooch M., **Fuentes, M. M. P. B.**, Hamman M., James C. S., Kroon F. J., Larson S., Lyons

P., Marsh H., Meyer Steiger D., Sheaves M. & Westcott D. A. (2014). Climate Change Issues and Impacts in the Wet Tropics NRM Cluster Region. James Cook University, Cairns. P 170.

- **Fuentes, M. M. P. B.** and Marsh, H. (2012) Informing dugong hunting management in Torres Strait by studying dugong movements and habitat usage. Final Report to the Australian Marine Mammal Centre (34pp.).
- FitzSimmons, N.N., Jensen, M.P., Hamann, M., **Fuentes, M. M. P. B.**, McCarthy, M. (2011) Population modelling of the northern Great Barrier Reef green turtle (*Chelonia mydas*) stock. Final Report to Great Barrier Reef Marine Park Authority.
- **Fuentes, M. M. P. B.**, Kraft, P., Liebsch, N., et al (2010) Informing dugong hunting management in Torres Strait by studying dugong movements and habitat usage. Technical Report for James Cook University and Torres Strait Regional Authority (33pp.).
- Hamann, M., **Fuentes, M. M. P. B.**, Marsh, H. (2010) Species of conservation concern. Report to the Marine and Tropical Sciences Research Facility. Reef and Rainforest Research Centre Limited, Cairns (78pp.).
- **Fuentes, M. M. P. B.** (2009). Technical report for the Torres Strait Regional Authority and Kailag Enterprises (11pp.).
- **Fuentes, M. M. P. B.**, Dawson, J., Smithers, S., Hamann, M. (2007). Surficial carbonate facies across key rookeries for the northern Great Barrier Reef green turtle population stock. Technical report for the Environment Protection Agency (55pp.).

Nonrefereed Reports

- Ware, M., & **Fuentes, M. M. P. B.** (2017). Assessing the need and implications of sea turtle nest relocation. Florida State University.
- Tyson, R. B., Piniak, W. E. D., Domit, C., Nowacek, D. P., & **Fuentes, M. M. P. B.** (2016). Behavioral Response of Juvenile Green Sea Turtles (*Chelonia mydas*) to the FaunaGuard Turtle Module. Florida State University.

Popular Literature

- **Fuentes, M. M. P. B.** (2013) Too hot for sea turtles? Current Conservation. Vol 6.2, 14-17.
- **Fuentes, M. M. P. B.** (2012) Bachelor's paradise how will sea turtles cope with climate change. The conversation.
- **Fuentes, M. M. P. B.**, Hawkes, L. (2011) How will sea turtles cope with climate change? In: The State of the World's Sea Turtle Report: the green turtle. Vol 6, 12-13.

- **Fuentes, M. M. P. B.**, Limpus, C.J., Hamann, M. (2010) Impacts of climate change on the largest green turtle population in the world: the nGBR green turtle population. Indian Ocean Newsletter 6.
- Hamann, M., Sutherland, L., Loban F, Kennett, R., **Fuentes, M. M. P. B.**, Limpus, C.J. (2008) Hot water for marine reptiles: research into sea turtles and climate change. Wildlife Australia 45(4) p12-19.
- **Fuentes, M. M. P. B.** (2007) Some like it hot. Australasian Science. Nov-Dec. p 34-36.

Awards and Grants

Awards

- Gulf Research Program Early-Career Research Fellowship, The National Academies of Sciences, Engineering, and Medicine (2019). (\$76,000).
- Outstanding Early Career Alumni, James Cook University Faculty of Science and Engineering (2012).
- Queensland Young Tall Poppy Science Award (2011).
- Top 14 for the UNEP/CMS thesis award (2011).
- Best Student Presentation award - SEES/JCU seminar series (2009).
- Young Explorer Award – National Geographic Society (2008).
- Wentworth Group of Concerned Scientists Science Program Scholarship (2007).
- Australian Postgraduate Award (APA) (2007- 2010).

Research Grants - Includes successful awards/grants with PI or Co-PI status (TOTAL: \$2.2 Million)

- **Florida Sea Turtle Grants Program (\$22,902, Co-PI with 40% credit).** Identification of Inundation and Erosion "Hotspots" for Sea Turtles Nesting in the Northern Gulf of Mexico. May 2021– April 2022. PI: M. Ware.
- **Florida Sea Turtle Grants Program (\$20,702, Co-PI with 40% credit).** The Secret Lives and Foraging Behaviors of Loggerhead Turtles in Florida's Big Bend. May 2021– April 2022. PI: I. Silver-Gorges.
- **Florida Sea Turtle Grants Program (\$19,861, Co-PI with 40% credit).** Identification of Inundation and Erosion "Hotspots" for Sea Turtles Nesting in the Northern Gulf of Mexico. May 2020– April 2021. PI: M. Ware.
- **Florida Sea Turtle Grants Program (\$19,574, Co-PI with 40% credit).** Leveraging Next-Generation Sequencing to Identify Genetic Connectivity and Develop Novel Genetic Markers for Gulf of Mexico Loggerheads. May 2020– April 2022. PI: I. Silver-Gorges.

- **Florida Sea Turtle Grants Program (\$23,282, PI with 100 credit).** Population structure and foraging ecology of loggerhead turtles in Crystal River. May 2020–April 2022.
- **National Science Foundation (Total award 1,407,544, to FSU \$679,814, PI).** Collaborative research: Mating systems as mechanisms for resilience of species with temperature dependent sex determination under environmental change. August 2019–July 2023. PIs: Will, W. and Komoroske.
- **The National Academies of Sciences, Engineering, and Medicine (\$76,000, PI with 100% credit).** August 2019 – February 2022.
- **Florida Sea Turtle Grants Program (\$16,534, Co-PI with 40% credit).** Assessment of Marine Turtle Nesting Habitat at Pocket Beaches in Florida. May 2019–May 2020. PI: Sella, K.
- **Florida Sea Turtle Grants Program (\$24,856, PI with 90% credit).** Understanding the Exposure of Sea Turtles to Vessels: Determining the potential Impacts of vessel strike in South Florida. May 2019–May 2020
- **Florida Sea Turtle Grants Program (\$12, 254, PI with 90% credit)** Interactive Assessment of a Loggerhead Foraging Aggregation in Crystal River Year 2. May 2019–May 2020. Co-PI: Wildermann, N.
- **National Fish and Wildlife Foundation (\$80,000, PI with 100% credit).** Workshop to Review Management Options to Reduce Sea Turtle Vessel Strikes in Southern Florida. August 2018– August 2019.
- **Florida Sea Turtle Grants Program (\$10,571, PI with 70% credit).** Life on Loggerheads: an integrated epibiosis study to assess foraging behavior, reproductive success and habitats of Northern Gulf of Mexico loggerheads nesting at St. George Island. May 2018–May 2019. Co-PI: Ingels, J.
- **Florida Sea Turtle Grants Program (\$12,413, PI with 80% credit).** Assessing different sea turtle nest protection measures against coyotes. River. May 2018–May 2019. Co-PI: Montero, N.
- **Florida Sea Turtle Grants Program (\$12,826, PI with 90% credit).** Integrative assessment of a loggerhead foraging aggregation in Crystal River. May 2018–May 2019. Co-PI: Wildermann, N.
- **Council of Research and Creativity -Florida State University (\$12,985, PI with 100% credit).** Implications of sea turtle health to the dynamics of seagrass ecosystems. May 2018–May 2019.
- **Van Oord Dredging and Marine Contractors (\$325,184, PI with 80% credit) -**

Evaluating the behavioural response of sea turtles to FaunaGuard Turtle module. January 2016 - December 2018. Co-PIs: Dow, W., Nowacek, D., Domit, C., & Tyson, R.

- **AL DCNR - USFWS ESA Section 6 (\$20,000, PI with 70% credit)** Assessment of inundation threat to sea turtle nests to improve management practices in Alabama. September 2017– August 2018. Co-PI: Ware, M.
- **Florida Sea Turtle Grants Program (\$6,574, PI with 80% credit)**. Spatial and temporal analysis of coastal construction: implications for marine turtle nesting grounds in Florida. September 2017– August 2018. Co-PI: Sella, K.
- **Florida Sea Turtle Grants Program (\$15,214, PI with 90% credit)** The effects of local climate on *Caretta caretta* hatchling output. May 2017–May 2018. Co-PI: Montero, N.
- **Florida State University College of Arts and Sciences (\$1,500, PI with 100% credit)**. Travel Award FSU. April 2017–December 2017.
- **National Geographic Society (\$19,223, PI with 90% credit)** - Understanding the spatial ecology of marine turtles to inform marine spatial planning in Bimini. April 2016 – April 2017. Co-PI: Guttridge T.
- **Florida Sea Turtle Grants Program (\$24,887, PI with 70% credit)** - Assessing the effects of the recreational Bay Scallop Fishery on marine turtles In the Big Bend of Florida. April 2016 – May 2017. Co-PI: Gredzens, C.
- **Equipment & Infrastructure Enhancement Grant, Florida State University (\$40,000, Co-PI with 5% credit)**. Biotelemetry system to support studies of animal movement patterns in the Apalachicola Bay region. March 2016 – March 2017. PI: Cotton, C., Co-PIs: Grubbs, D., Burgess, S.
- **Save Our Seas Foundation (\$8,500, PI with 90% credit)** - Predator-Prey Interactions: Understanding How Shark Presence Influences Sea Turtle Habitat Use, Distribution and Movement. March 2016 – February 2017. Co-PIs: Guttridge T., Ceriani, S.A.
- **USFWS (\$5,350, PI with 100% credit)** - Reproductive output of loggerhead turtles in Alabama: implications from nest relocation. January – September 2016
- **Alabama Wildlife and Freshwater Fisheries Division- ESA Section 6 grant (\$20,000; PI with 100% credit)**. Reproductive output of loggerhead turtles in Alabama: implications from nest relocation. January – September 2016.
- **University of Florida (\$20,000, PI with 80% credit)**. What we know, what we don't know and what we need to know in relation to climate change and sea turtles in

Florida. February 2016 – June 2016. Co-PIs: Saba, V., Mansfield, K.

- **Florida State University- First-year Assistant Professor Grant (\$20,000; PI with 100% credit).** Forecasting range expansion of marine turtles and their exposure to coastal development (2015). May- August 2015.
- **Science without Borders Program (Special visiting researcher mode) - CAPES/CNPQ (\$300,000; PI with 90% credit).** An integrated approach to assess the impacts of climate change on marine turtles in Brazil and inform their management. 2013- 2016. Co-PI Mendilaharsu M, Marcovaldi N and Lopez G.
- **Save our Seas Foundation (\$7,914, PI with 100% credit).** Systematic priorities for the management of marine mega-fauna in the face of climate change. 2012- 2013.
- **Ian Potter Foundation (\$2,374, PI with 100% credit).** Travel grant to attend the 25th ICCB. 2011.
- **Save our Seas Foundation (\$14,245, PI with 100% credit).** Systematic priorities for the management of marine mega-fauna in the face of climate change. 2011.
- **Cass Foundation (\$3,166, PI with 100% credit).** Travel Grant to attend the International Sea Turtle Symposium. 2011.
- **Australian Research Council Super Science Fellowship (\$237,420, Co-PI with 50% credit).** Systematic priorities for the management of marine mega-fauna to increase their resilience to climate change. PIs: B Pressey, H Marsh. 2010 - 2013.
- **National Climate Change Adaptation Research Facility (\$1,583, PI with 100% credit).** Travel grant to attend the 24th International Congress for Conservation Biology. 2010.
- **Great Barrier Reef Marine Park Authority (\$39,750, Co-PI with 20% credit).** Population model for the northern Great Barrier Reef green turtle population. Co-investigators: Hamann, M., Jensen, M., Fitzsimmons N., McCarthy, M. 2009.
- **Marine and Tropical Science Research Facility (\$18,202, Co-PI with 50% of credit).** Ecology of hawksbill turtles in Torres Strait in relation to their habitat use, diet and home range. PI: Hamann, M. 2009.
- **Norman Wettenhall Foundation (\$ 2,374, PI with 100% credit).** Educational program on sea turtles and climate change. 2009.
- **Torres Strait Regional Authority (\$2,374, PI with 100% credit).** Educational program on sea turtles and climate change. 2009.
- **James Cook University, Graduate Research Scheme (\$2,374, PI with 100%**

credit). JCU as a write-up grant. 2009.

- **National Geographic Society (\$3,166, PI with 100% credit).** Climate change and sea turtles. 2008.
- **Great Barrier Reef Marine Park Authority -Science for management award (\$2,374, PI with 100% credit).** Climate change and sea turtles. 2008.
- **Great Barrier Reef Marine Park Authority (\$7,859, PI with 100% credit).** Climate change and sea turtles. 2007.
- **Wentworth Group of Concerned Scientists (\$2,380, PI with 100% credit).** Climate change and sea turtles. 2007.
- **PADI foundation (\$3,166, PI with 100% credit).** Climate change and sea turtles. 2007.
- **James Cook University, Graduate Research Scheme (\$2,374, PI with 100% credit).** Climate change and sea turtles. 2007.
- **James Cook University (\$3,930, PI with 100% credit).** Climate change and sea turtles. 2006.

Teaching Experience

Course development, instructor

Graduate level

- OCE5930 Science Writing and Communication (Spring 2020) -15 students, Florida State University
- OCE5930 Systematic Conservation Planning (Fall 2017) -15 students, Florida State University

Undergraduate level

- OCE 4930 Marine Megafauna Ecology and Conservation (Fall 2015, 2016, 2019; Spring 2021) – 50 students, Florida State University
- EV1001 Introduction to Environmental Sciences (Spring, 2015, 2016, 2017, 2018, 2020, 2021) – 500 students, Florida State University

Demonstrator

- EV2502/5505, Introduction to Geographic Information Systems (2008 -2009). School of Earth and Environmental Sciences, James Cook University.
- EV1001, Introduction to Environmental Sciences (2007-2010). School of Earth and Environmental Sciences, James Cook University.
- ZL2005, Invertebrate Zoology (2006-2007). School of Marine and Tropical Biology, James Cook University.
- BT1001, Introduction to Plant Sciences (2006-2007). School of Marine and Tropical Biology, James Cook University.

Guest Academic Lecturer

- GEO4930/GEO5934 Marine Conservation (2016, 2017, 2018). Department of Geography, Florida State University.
- CE 9043, Environmental Science & Policy BA Capstone (2015). Department of Earth, Ocean and Atmospheric Science, Florida State University.
- OCB5930/ OCE4930, Marine Conservation Biology (2015). Department of Earth, Ocean and Atmospheric Science, Florida State University
- BZ2705/ BZ5705, Australian Vertebrate Fauna (2014). School of Marine and Tropical Biology, James Cook University
- BZ3215/ BZ5215, Conservation Biology (2014). School of Marine and Tropical Biology, James Cook University
- ZL3211, Tropical Australian Herpetology (2012 -2013). School of Marine and Tropical Biology, James Cook University
- BZ3740, Wildlife Ecology and Management (2012- 2013). School of Marine and Tropical Biology, James Cook University.
- EV3203, Conserving Marine Wildlife: Sea Mammals, Birds, Reptiles (2009 -2013). School of Earth and Environmental Sciences, James Cook University.
- ED1411, Foundations of Sustainability in Education (2011). School of Education, James Cook University.

Academic Advising

Postdoctoral Supervision

- Cullen, J. (Sep 2021–present).
- Ware, M. (Jan 2019–present).
- Wildermann, N. (May 2017–Jun 2019).

Doctoral Committee Chair

- Armando Santos (Fall 2019 – present) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Ian Silver-Gorges (Fall 2019 – present) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Kristen Sella (Fall 2015- present, Part-time student) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Matthew Ware (Graduated 2019) Department of Earth, Ocean and Atmospheric Science, Florida State University.

Doctoral Committee Co-Chair

- Carvalho, Robison (Graduated 2020). doctoral candidate. Sea turtles and climate change in Brazil. Universidade Federal de Juiz de Fora, Brazil
- Kimberly Riskas (Graduated 2018) investigating the effects of fisheries Bycatch on marine turtles. School of Earth and Environmental Sciences, James Cook University, Australia.
- Natalie Wildermann (Graduated 2017) Insights into the foraging ecology of flatback turtles. School of Earth and Environmental Sciences, James Cook University, Australia.
- Jess Williams (Graduated 2016) Searching for practical solutions to sea turtles poaching in

Mozambique. School of Earth and Environmental Sciences, James Cook University, Australia.

- Christopher Cleguer (Graduated 2015) Distribution, relative abundance and habitat use of the dugong: a basis for marine conservation and management planning in New Caledonia. School of Earth and Environmental Sciences, James Cook University, Australia.

Doctoral Committee Member

- Voight, C. (2020 – current) Department of Geography, Florida State University.
- Atkins, E. (2020 current) Department of Biology, Florida State University.
- Quenessen, V. (2021 – current) Oregon State University
- Schumm, M. (2020- current) Department of Biology, Florida State University.
- Keller, B. (Graduated 2020). Spatial ecology of elasmobranch fishes. Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Drake, T. (Graduated 2018) The effect of agriculture on carbon mobilization in watersheds of eastern Democratic Republic of the Congo. Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Aguilera, M. (Graduated 2018) Mesophotic reef community of the Gulf. Department of Earth, Ocean and Atmospheric Science, Florida State University.

Master's Committee Chair

- Savannah Weber (2021 – current) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Morgan Sampson (2020 – current) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Emily Hardin (2020 – current) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Lindsay Hooper (Graduated Spring 2020) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Alexa Putillo (Graduated Spring 2020) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Tayla Lovemore (Graduated Spring 2020) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Barry Walton (Graduated Spring 2020) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Anthony Gillis (Graduated Spring 2018) Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Natalie Montero (Graduated Spring 2018) Department of Earth, Ocean and Atmospheric Science, Florida State University.

Master's Committee Co-Chair

- Christian Gredzens (Graduated 2013). School of Marine and Tropical Biology, James Cook University.
- Jessica Morris (Graduated 2013) School of Marine and Tropical Biology, James Cook University
- Julie Jourdan (Graduated 2011) ARC Centre of Excellence for Coral Reef Studies and

Université de Montpellier, France

Master's Committee Member

- Luzius, C. R. (Graduated 2018) Natural and anthropogenic organic matter sources at Wakulla Springs. Department of Earth, Ocean and Atmospheric Science, Florida State University.
- Yenisei Malanco (2019 – current) Universidad Autónoma del Carmen, Mexico
- Guilhon, M. (2016 graduated) Threats to sea turtles in Ilhabela. Universidade Federal de São Paulo, Brazil

Bachelor's Committee

Honors students

- Hawkins, M. (Graduated 2020). Compound Ascidian Filtration rates, growth rates, recruitment. Department of Biology, Florida State University.
- Miguez, J. (Graduated 2020). Age and growth rates of two Ariid species, *Bagre marinus* and *Ariopsis felis*, in Florida estuarine waters. Department of Biology, Florida State University.
- Beckwith, V. (Graduated 2019). Implications of microplastic to marine turtle nesting grounds. Department of Biology, Florida State University.
- Dawdy, A. (Graduated 2019). The effects of tide and diel cycles on movement patterns and habitat use of bonnethead sharks (*Sphyrna tiburo*) and bull sharks (*Carcharhinus leucas*) in Apalachicola Bay. Department of Biology, Florida State University.
- Ortiz, C. (Graduated 2016) Territoriality and the predictability of extra-pair helpers in the wonderful Brown-headed nuthatch (*Sitta pusilla*). Department of Biology, Florida State University.
- Fourqurean, V. (Graduated 2016) Local adaptation in two populations of *Physella hendersoni*. Department of Biology, Florida State University.
- Emily Brown (graduated 2015) Ethnography on the Socio-cultural impact of the decline of oysters in Franklin County, Florida. Anthropology department, Florida State University.

Undergraduate mentor

1. Alford, J. (Jan 2021–present). Directed Individual Studies. Florida State University.
2. Ashford, M. (2021–present). Directed Individual Studies. Florida State University.
3. Blaze, M. (2021–present). Directed Individual Studies. Florida State University.
4. Hinrich, L. (2021–present). Directed Individual Studies. Florida State University.
5. Hobson-Garcia, K. (2021–present). Directed Individual Studies. Florida State University.
6. Kotscher, C. (2021–present). Directed Individual Studies. Florida State University.
7. Oliveira de Mello Vieira, Luna (2021–present). Directed Individual Studies. Florida State University.
8. Powell, T. (2021–present). Directed Individual Studies. Florida State University.
9. Rodetsky, S. (2021–present). Directed Individual Studies. Florida State University.
10. Brill, K. (Aug 2020–present). Directed Individual Studies. Florida State University.
11. Broome, J. (2020). Directed Individual Studies. Florida State University.
12. Evans, H. (2020). Directed Individual Studies. Florida State University.
13. Givens, G. (2020–present). Directed Individual Studies. Florida State University.
14. Hinrichs, L. (2020). Directed Individual Studies. Florida State University.
15. Msadoques, A. (2020) Directed Individual Studies. Florida State University.

16. Thornoton, K. (2020). Directed Individual Studies. Florida State University.
17. Kynoch, C. (Aug 2018–2021). Directed Individual Studies. Florida State University.
18. Sutton, E. (2020). Directed Individual Studies. Florida State University.
19. Broyles, K. (2019–2020). Directed Individual Studies. Florida State University.
20. Jolowsky, N. (2019) Undergraduate Research Program Intern
21. Luksza, A. (2019) Directed Individual Studies. Florida State University.
22. Tiseth, M. (2019) Undergraduate Research Program Intern
23. Lessard, B. (2019) Directed Individual Studies. Florida State University
24. Broyles, K. (2019) Directed Individual Studies. Florida State University
25. Batalla, K. (2019). Directed Individual Studies. Florida State University
26. Lirio, G. (2019). Directed Individual Studies. Florida State University
27. Baker, A. (2019). Directed Individual Studies. Florida State University
28. Locke, K. (2019) Directed Individual Studies. Florida State University
29. Jackson, A. (2019) Directed Individual Studies. Florida State University
30. Mila, E. (2019) Directed Individual Studies. Florida State University
31. Fant, T. (2019). Directed Individual Studies. Florida State University
32. Hope, T. (2019). Directed Individual Studies. Florida State University
33. Solluri, K. (2019) Directed Individual Studies. Florida State University
34. Antunez, G. (2018). Directed Individual Studies. Florida State University
35. Kynoch, C. (2018-2019). Directed Individual Studies. Florida State University
36. Miguez, J. (2018). Directed Individual Studies. Florida State University.
37. Ibarra, A. (2018). Directed Individual Studies. Florida State University.
38. Aguiar, M. (2018). Directed Individual Studies. Florida State University.
39. Muszynski, B. (2018). Directed Individual Studies. Florida State University.
40. De La Fe, A. (2018). Directed Individual Studies. Florida State University.
41. Beckwith, V. (2017-2019). Directed Individual Studies. Florida State University.
42. Lee, A. (Aug 2017–May 2018). Undergraduate Research Program Intern (UROP). Florida State University
43. Fonseca, S. (May–Sep 2017). DIS
44. Guss, E. (May–Sep 2017). Directed Individual Studies. Florida State University.
45. Lovemore, T. (May–Sep 2017). Directed Individual Studies. Florida State University.
46. Thomas, E. (May–Sep 2017). Directed Individual Studies. Florida State University.
47. Zito, J. (May–Sep 2017). Directed Individual Studies. Florida State University.
48. Garris, B. (Aug 2016–present). Noyce SOAR internship.
49. Soroka, A. (Aug 2016–present). Undergraduate Research Program Intern (UROP). Emily Drobos, E. (Fall 2016) Directed Individual Studies. Florida State University.
50. Garrison, S. (Fall 2016, 2017) Directed Individual Studies. Florida State University.
51. Harrison, M. (Fall 2016) Directed Individual Studies. Florida State University.
52. Soroka , A. (Fall 2016) Undergraduate Research Program Intern (UROP). Florida State University
53. Montero, N. (Spring 2016) Noyce SOAR internship. Florida State University.
54. Halstead, A. (Spring 2016) Directed Individual Studies. Florida State University.
55. Cortina, K. (Spring 2016) Directed Individual Studies. Florida State University.
56. Thaler, R. (Fall 2015) Undergraduate Research Program Intern (UROP). Florida State University
57. DeMaria, D. (Fall 2015). WIWSE Research Experience Program. Florida State University.

58. Santos Junior, R. (Summer 2015). Exchange Student - Program Sciences without Borders (Brazil). Laboratory of Ecology and Conservation of Marine Mammals and Sea Turtles. Universidade Federal do Parana.
59. Andrade, J. (Spring 2015). Directed Individual Studies. Florida State University.

Service

Service to Professional Associations

- IUCN Marine Turtle Specialist Member (2020 – present)
- Student mentor, Dr. Robert Pavlica Authentic Science Research Program (2021–present).
- Mentor, Mentor for STEM careers, Camp STEMtastic (2020–present).
- Apalachicola NERR Advisory Committee Member, Apalachicola National Estuarine Research Reserve (2018–present).
- Student mentor, Ecological Society of America (2020, 2021)
- Florida Marine Debris Research & Data Work Group Member, Florida Fish and Wildlife Conservation Commission (2020–present).
- Board of Directors – International Sea Turtle Society (2014-2019)
- Nominating committee- International Sea Turtle Society (2013,2014)

Advisory committees- International

- WWF’s marine species programme - Marine Turtle Advisor (2014, 2015)
- IUCN Red List Green Sea Turtle Assessment Team: member of team responsible for assessing the status of green sea turtle management units under the IUCN’s Red List Categories and Criteria; Lead: Dr. Bryan Wallace (November 2013 – present).

FSU University Service

- Poster Judge, 3rd Annual FSU Postdoc Symposium (2015).

FSU Department Service

- Committee member, search committee for a faculty in position in cloud microphysics, aerosols and their impacts (2021).
- Member, Environmental Sciences Graduate Program Committee (2016–present).
- Member, Environmental Science Curriculum Committee (2015–present).
- Poster Judge, 3rd Annual FSU Postdoc Symposium (2015).

Editorial Board

- Guest Editor: Remote Sensing Applications for Sea Turtle Conservation. Remote Sensing (2020-2021)
- North Atlantic and Wider Caribbean Region Editor, Marine Turtle Specialist Group Regional Report Initiative (2020–present).
- Associate Editor (Marine mega-fauna) Frontiers in Marine Science (2020 – current).
- Research Topic Manager: Advances in the Biology and Conservation of Marine Turtles. Frontiers in Marine Science (2016).
- Academic Handling Editor PLOS ONE (June 2015 - current)
- Review Editor (Marine mega-fauna) Frontiers in Marine Science (2014 - 2020).

- Consulting Editor for Appleseeds magazine, Great Barrier Reef edition (2013).

Ad hoc Proposal Reviewer / Panelist since 2010

- National Science Foundation Graduate Research Fellowship Panel, National Science Foundation- Division of Biological Oceanography and Division of Integrative Organismal Systems, NOAA Saltonstall-Kennedy Competition, National Geographic Society Grants, Instituto de Desenvolvimento Sustentável Mamirauá

Ad hoc Journal Reviewer

- Animal Biotelemetry, Aquatic Conservation: Marine and Freshwater Ecosystems, Biological Conservation, Chelonian Conservation Biology, Conservation Letters, Diversity and Distribution, Ecosphere , Ecography, Endangered Species Research, Environment Management, Global Change Biology , Frontiers in Marine Sciences, Herpetological Conservation and Biology, Israel Journal of Ecology & Evolution, Journal of Biogeography, Journal of Environmental Management, Journal of Herpetology, Journal of the Marine Biological Association of the United Kingdom , Marine Biology, Marine Ecology Progress Series, Nature Climate Change, Plos One, Regional Studies in Marine Science, Remote Sensing in Ecology and Conservation, Science, Scientific Report, Thermal Biology. Global Ecology and Conservation

Thesis Examination

PhD –

- Predicting the impacts of increasing nest temperatures associated with climate change on Western Australian sea turtles. University of Western Australia (2018)
- Spatial and behavioral ecology of hawksbill turtles nesting on Groote Eylandt, northern Australia. Charles Darwin University (2012).

Masters –

- Habitat mapping of the Currais MPA in Southern Brazil: A potential foraging ground for juvenile green turtles (*Chelonia mydas*) (2014). Master of Science in Marine Biodiversity and Conservation within the ERASMUS MUNDUS Master Programme EMBC . Federal University of Paraná (Universidade Federal do Paraná – UFPR). Centre for Marine Studies (Centro do Estudos do Mar – CEM).

Honours –

- The influence of urbanisation and beach structure on nest-site selection by green (*Chelonia mydas*) and loggerhead turtles (*Caretta caretta*). University of the Sunshine Coast (2015).
- Feeding Ecology of Dugong dugon: Drivers of feeding intensity within the central Great Barrier Reef. James Cook University (2012).
- Environmental variation, nest site selection and loggerhead turtles in Western Australia. James Cook University (2011).

Masters minor project –

- Sand temperature variation and predicted sex ratios of the hawksbill sea turtle, *Eretmochelys imbricate*, from Milman Island, Great Barrier Reef, Australia. James Cook University (2012).

Invited Technical/ Expert Advisor

- **Texas A&M University and Disney Worldwide Conservation Fund - Gulf of Mexico Sea Turtle Workshop.** Corpus Christi, USA (2015).

- **NOAA** – Protected Species Climate Vulnerability Assessment Workshop. Silver Spring, USA (2015).
- **University of Florida and Disney Worldwide Conservation Fund** - Reverse the Decline of Florida Sea Turtles. Orlando, USA (2015).
- **Cape York Natural Resource Management** - Western Cape Turtle Threat Abatement Alliance meeting. Cairns, Australia (2014).
- **Cape York Natural Resource Management** - Turtle threats meeting. Weipa, Australia (2013).
- **Cape York Natural Resource Management** - Marine turtle and pig forum planning meeting for Cape York. Expert adviser. Cairns, Australia (2013).
- **Great Barrier Reef Marine Park Authority** -Understanding the Vulnerability and Resilience of the Inshore GBRWHA to Cumulative Stressors. GBRMPA, Townsville, Australia (2012).
- **Cape York Natural Resource Management** - Priority setting meeting for marine turtle project investment on Cape York in 2012/13. Cairns, Australia (2012).
- **Torres Strait Regional Authority /JCU/NERP**- Torres Strait Dugong and Turtle Research Workshop: A collaborative approach to future research between key institutions and programs, and an update on completed research to inform the PZJA and other management agencies. NERP, JCU, Thursday Island, Australia (2012).
- **Wildlife Conservation Society and The Nature Conservancy**, Marine Think Tank: Improving the effectiveness of community-managed marine protected areas for biodiversity conservation, fisheries management and climate change adaptation. WCS, Auckland, New Zealand (2011).
- **Australian Academy of Science**, Science at the Shine Dome: Early Career Researcher Program. Invited participant. Canberra, Australia (2011).
- **Great Barrier Reef Marine Park Authority** - Bringing adaptation to life: A workshop to identify principles for converting adaptation knowledge to adaptation outcomes in marine systems. Cairns, Australia (2011).
- **National Climate Change Adaptation Plan**. Human adaptation options to increase resilience of conservation-dependent seabirds and marine mammals impacted by climate change NARP. Melbourne, Australia (2011).
- **Cape York Natural Resource Management** -Cape York dugong and turtle management workshop with Traditional Owners. Cairns, Australia (2009).
- **Wan Smolbag Haos** - Vanua-Tai Annual workshop. Port Vila, Vanuatu (2009).
- **Torres Strait Regional Authority** - Workshop on spatial closures as one of the possible management tools for community-based management of dugongs and turtles in Torres Strait. Thursday Island, Australia (2008).

Workshops organized

- **Management options to reduce sea turtle vessel strikes in southern Florida**. Workshop delivered in Tallahassee, Florida (2018).
- **What we know, what we don't know and what we need to know in relation to climate change and sea turtles in Florida workshop**. Workshop delivered at the Barrier Island Center, Orlando (2016).
- **Northern Great Barrier Reef green turtle population model workshop**.

GBRMPA, Townsville, Australia (2013)

- **Island prioritization workshop** for the National Environmental Research Program hub. Magnetic Island, Australia (2012).
- **Management of marine turtles in Cape York workshop.** Mapoon (2012).
- **Systematic management of marine mega-fauna in changing climate symposia.** 25th International Congress for Conservation Biology, Auckland, New Zealand (2011).
- **How to monitor for potential impacts of climate change on marine turtle nesting grounds?** Wan Smolbag Haos, Port Vila, Vanuatu (2009).
- **Monitoring for change: How to monitor for potential impacts of climate change on marine turtle nesting grounds.** Projeto TAMAR, Fernando de Noronha, Brazil (2009).

Committees and organized mini symposia

Symposium organizer:

- Evidence-based solutions for the management of large marine vertebrate species. 6th International Marine Conservation Congress, online (2020)
- Approaches to conserve far-ranging species in a changing environment. 4th International Marine Conservation Congress, Canada (2016)
- Systematic conservation planning for marine mega-fauna. Society for Conservation Biology- Oceania Conference, Fiji (2014)

Session Chair at international Symposium:

- 40th Annual Symposium on Sea Turtle Biology and Conservation. Symposium conducted at the meeting of Sea Turtle Society, Cartagena, Columbia (2020)
- 39th Annual Symposium on Sea Turtle Biology and Conservation. Charleston, South Carolina, USA (2019)
- 2018 Southeast Regional Sea Turtle Meeting. Symposium conducted at the meeting of Southeast Regional Sea Turtle Network, Myrtle Beach, South Carolina, USA (2018)
- 37th Annual Symposium on Sea Turtle Biology and Conservation. Las Vegas, USA (2017)
- 36th Annual Symposium on Sea Turtle Biology and Conservation. Peru, Lima (2016)
- 35th Annual Symposium on Sea Turtle Biology and Conservation. Dalaman, Turkey (2015).
- 34th Annual Symposium on Sea Turtle Biology and Conservation. New Orleans, USA (2014).
- 33rd Annual Symposium on Sea Turtle Biology and Conservation. Baltimore, USA (2013).
- 31st Annual Symposium on Sea Turtle Biology and Conservation. Sand Diego, USA (2011).
- 1st Australian marine turtle symposium. Buderim, Australia (2012).

Program Committee Member at International and Regional Conferences:

- The 7th International Bio-logging Science Symposium (online, International) (2021)
- 3rd Southeast Regional Sea Turtle Meeting. Myrtle Beach, South Carolina, USA

(2018). **Climate Change Session.**

- 37th Annual Symposium on Sea Turtle Biology and Conservation. Las Vegas, United States (2017). **Climate Change Session**
- 36th Annual Symposium on Sea Turtle Biology and Conservation. Peru, Lima (2016). **Education, Outreach and Advocacy Session.**
- 35th Annual Symposium on Sea Turtle Biology and Conservation. Dalaman, Turkey (2015). **Nesting Biology and Monitoring Session.**
- 34th Annual Symposium on Sea Turtle Biology and Conservation. New Orleans, USA (2014). **Nesting Biology and Monitoring Session.**
- 33rd Annual Symposium on Sea Turtle Biology and Conservation. Baltimore, USA (2013). **Education, Outreach and Advocacy Session.**
- 31st Annual Symposium on Sea Turtle Biology and Conservation. Sand Diego, USA (2011). **Threats Session.**

Student evaluator at international Symposium:

- 37th Annual Symposium on Sea Turtle Biology and Conservation. Las Vegas, United States (2017).
- 36th Annual Symposium on Sea Turtle Biology and Conservation. Peru, Lima (2016).
- 35th Annual Symposium on Sea Turtle Biology and Conservation. Dalaman, Turkey (2015).
- 32nd Annual Symposium on Sea Turtle Biology and Conservation. Oaxaca Mexico (2012)

Presentations

International conferences (denotes a student presentation):**

Fuentes, M.M.P.B. (2020). Perspectives matter- a multifaceted approach to integrating proposed management interventions for reducing vessel strikes on sea turtles. 6th International Marine Conservation Congress, Society for Conservation Biology, online.

Fuentes, M.M.P.B. ,Silver-Gorges I, Becker J., Carthy R.R, Ceriani S.A, Lamb M., Lamont M, Matechik C., Mitchell J., Reynolds M, Smith B, Snyder C, Ware M. (2020). Loggerhead sea turtle (*Caretta caretta*) nest productivity in the Northern Gulf of Mexico: implications from disturbances and management practices. Gulf of Mexico oil Spill and Ecosystems Science Conference, Tampa, Florida, USA.

**Hooper L, Boucquey, N., McHugh, K., Moore R. T, & Fuentes, Mariana, M. P. B. (presented 2019). Eco-Tour Boat Compliance to NOAA Marine Mammal Viewing Guidelines in Naples. Presentation at World Marine Mammal Conference, unspecified organization, Barcelona, Spain. (International)

**Sella, K., Plant, N., Long, J. W., Ceriani, S., & Fuentes, Mariana, M. P. B. (presented 2019). Exploring marine turtle nesting selection using a Bayesian approach. Presentation at 39th Annual Symposium on Sea Turtle Biology and Conservation, Sea Turtle Society, Charleston, South Carolina, USA. (International)

**Ware, M., Long JW, & Fuentes, M. (presented 2019). Using wave runup modeling to inform sea turtle nest relocation. Presentation at 39th Annual Symposium on Sea Turtle Biology and Conservation, Sea Turtle Society, Charleston, South Carolina, USA. (International)

**Ware, M., & Fuentes, M. (presented 2018). A comparison of methods used to monitor groundwater inundation of sea turtle nests. Presentation at Southeast Regional Sea Turtle Meeting, unspecified organization, Myrtle Beach, South Carolina, USA. (Regional)

**Wildermann, N., & Fuentes, M. M. P. B. (presented 2018). Assessing the effect of recreational scallop harvest on the distribution and behavior of foraging marine turtles. Presentation at 2018 Southeast Regional Sea Turtle Meeting, Southeast Regional Sea Turtle Network. (Regional)

**Montero, N., & Fuentes, M. M. P. B. (presented 2018). Effects of local climate and nesting environment on *Caretta caretta* hatchling output. Presentation at 2018 Southeast Regional Sea Turtle Meeting, Southeast Regional Sea Turtle Network. (Regional)

**Sella, K., & Fuentes, M. M. P. B. (presented 2018). Exposure of marine turtle nesting grounds to coastal construction: implications for management. Presentation at 2018 Southeast Regional Sea Turtle Meeting, Southeast Regional Sea Turtle Network. (Regional)

**Beckwith, V., & Fuentes, M. M. P. B. (presented 2018). Microplastic pollution at nesting grounds for the northern gulf of Mexico loggerhead recovery unit. Presentation at 2018 Southeast Regional Sea Turtle Meeting, Southeast Regional Sea Turtle Network. (Regional)

**Ware, M., & Fuentes, M. M. P. B. (presented 2018). Use of high resolution ground water data to assess inundation stress on sea turtles. Presentation at Southeast Regional Sea Turtle Meeting, Southeast Regional Sea Turtle Network. (Regional)

Brooks, A., Bolten, A., Fuentes, M. M. P. B., Connett, S., Crouchley, B., Gary, M., Whitman, E., Gillis, A., & Bjorndal, K. (presented 2017). A review of Fibropapillomatosis in the Bahamas. Presentation at 37th Annual Symposium on Sea Turtle Biology and Conservation, Sea Turtle Society, Las Vegas, USA. (International)

Tyson, R., Piniak, W., Domit, C., Mann, D., Nowacek, D., & Fuentes, M. M. P. B. (presented 2017). Applications for studying fine-scale behaviors of marine turtle in response to sound. Poster presentation at 37th Annual Symposium on Sea Turtle Biology and Conservation, Sea Turtle Society, Las Vegas, USA. (International)

**Ware, M., Sabaln, J., Getz, A., Ingram, D., & Fuentes, M. M. P. B. (presented 2017). Assessing the need and implications of sea turtle nest relocation. Presentation at 37th Annual Symposium on Sea Turtle Biology and Conservation, Sea turtle Society, Las Vegas, USA. (International)

Fuentes, M. M. P. B., Gillis, A., Guttriidge, T., Ceriani, S., Seminoff, J., Smukall, M., Bergmann, M., & Jacoby, D. (presented 2017). Inferring shark-turtle dynamics with acoustic telemetry and social network analysis. Presentation at 37th Annual Symposium on Sea Turtle Biology and Conservation, Sea Turtle Society, Las Vegas, USA. (International)

Lettrich, M., Fuentes, M. M. P. B., Mcneill, J., Saba, V., & Van Houtan, K. (presented 2017). Sea turtle climate vulnerability assessment. Presentation at 37th Annual Symposium on Sea Turtle Biology and

Conservation, Sea Turtle Society, Las Vegas, USA. (International)

**Sella, K., & Fuentes, M. M. P. B. (presented 2017). Spatial and temporal analysis of coastal construction: implications for marine turtle nesting grounds in Florida. Poster presentation at 37th Annual Symposium on Sea Turtle Biology and Conservation, Sea Turtle Society, Las Vegas, USA. (International)

Monsinjon, J., Lopez, M., Lara, P., Santos, A., Marcovaldi, M., Girodant, M., & Fuentes, M. M. P. B. (presented 2017). The effects of a changing climate on embryonic growth, sex ratio, and nesting phenology : A case study with loggerheads in Brazil. Presentation at 37th Annual Symposium on Sea Turtle Biology and Conservation, International Sea turtle Society, Las Vegas, USA. (International)

Fuentes, M. M. P. B. (presented 2016). Conservation hotspots for marine turtle nesting areas based on exposure to coastal development and shoreline change. Presentation at 19th Annual Florida Marine Turtle Permit Holder Meeting, Florida Fish and Wildlife Conservation Commission, Jacksonville. (State)

**Riskas, K., Sharudin, N. F., Hamza, A. A., Fuentes, M. M. P. B., Tobin, R., & Hamann, M. (presented 2016). Illegal fishing and its impacts on sea turtles in Terengganu State, Malaysia. Presentation at 36th International Sea Turtle Symposium, International Sea Turtle Society, Peru, Lima. (International)

Fuentes, M. M. P. B., Bell, I., Hagihara, R., Hamann, H., Hazel, J., Huth, A., Seminoff, J., Soltzick, S., & Marsh, H. (presented 2016). Improving in-water estimates of marine turtle abundance by adjusting aerial survey counts for perception and availability biases. Presentation at 36th International Sea Turtle Symposium, International Sea Turtle Society, Lima, Peru. (International)

Fuentes, M. M. P. B., Bell, I., Hagihara, R., Hamann, H., Hazel, J., Huth, A., Seminoff, J., Soltzick, S., & Marsh, H. (presented 2016). Improving in-water estimates of marine turtle abundance by adjusting aerial survey counts for perception and availability biases. Poster presentation at Southeast Regional Sea Turtle Meeting, Southeast Regional Sea Turtle Network, Mobil, Alabama. (Regional)

**Williams, J. L., Fuentes, M. M. P. B., Pierce, S. J., & Hamann, M. (presented 2016). Insights into illegal harvest of marine turtles in East Africa. Presentation at 36th International Sea Turtle Symposium, International Sea Turtle Society, Peru, Lima. (International)

**Wildermann, N., Griffin, K., Groom, R., Limpus, C., Fuentes, M. M. P. B., & Hamann, M. (presented 2016). Migratory and foraging strategies of flatback turtles: the multi-stop travelers. Presentation at 36th International Sea Turtle Symposium, International Sea Turtle Society, Peru, Lima. (International)

**Smithers, R. J., Blicharska, M., Fuentes, M. M. P. B., & Mieszkowska, N. (presented 2015). Marine conservation: global biodiversity hotspots and the cold continuum. Presentation at Seascape Ecology: connecting Land Sea & Society, International Association for Landscape Ecology, Edinburgh, UK. (International)

**Wildermann, N., Fuentes, M. M. P. B., Wolter, J., & Hamann, M. (presented 2015). Offshore dispersal of flatback (*Natator depressus*) hatchlings: insights into the world's only non-oceanic turtle. Presentation

at 35th International Sea Turtle Symposium, International Sea Turtle Society, Dalaman, Turkey. (International)

**Williams, J. L., Pierce, S. J., Fuentes, M. M. P. B., & Hamann, M. (presented 2015). Population demographics from photo-identified green and loggerhead turtles from Mozambique. Presentation at 35th International Sea Turtle Symposium, International Sea Turtle Society, Dalaman, Turkey. (International)

Fuentes, M. M. P. B., Blackwood, J., Leis, B., Limpus, C. J., Marsh, H., Mitchell, J., Pouzols, F. M., Pressey, R. L., & Visconti, P. (presented 2015). Prioritizing multiple management actions for marine turtle conservation. Presentation at the meeting of 2nd Southeast Regional Sea Turtle Meeting, Jekyll Island, USA. (National)

Fuentes, M. M. P. B., Bateman, B. L., Helmers, D., Pressey, R. L., Kamrowski, R., & Radeloff, V. (presented 2014). How exposed to human disturbance are turtle nesting areas in the USA? Presentation at the meeting of 34th International Sea Turtle Symposium, New Orleans, USA. (International)

**Riskas, K. A., Fuentes, M. M. P. B., & Hamann, M. (presented 2014). Patterns of marine turtle bycatch reported in commercial fisheries logbooks, Australia. Presentation at the meeting of 34th International Sea Turtle Symposium, New Orleans, USA. (International)

Fuentes, M. M. P. B., Blackwood, J., Marsh, H., Pouzols, F. M., Pressey, R. L., & Visconti, P. (presented 2014). Prioritising multiple management actions for marine mega-fauna conservation. Presentation at Society for Conservation Biology Oceania Meeting, Society for Conservation Biology Oceania Meeting. (International)

Fuentes, M. M. P. B., Blackwood, J., Leis, B., Limpus, C. J., Marsh, H., Mitchell, J., Pouzols, F. M., Pressey, R. L., & Visconti, P. (presented 2014). Prioritising multiple management actions for marine turtle conservation. Presentation at the meeting of 2nd Australian Marine Turtle Symposium, Perth, Australia. (National)

**Gredzens, C., Fuentes, M. M. P. B., Marsh, H., & Hamann, M. (presented 2014). Satellite tracking of sympatric marine megafauna can inform the biological basis for species co-management. Presentation at the meeting of 34th International Sea Turtle Symposium, New Orleans, USA. (International)

Fuentes, M. M. P. B., Visconti, P., Leis, B., Marsh, H., Pouzols, F., & Pressey, R. L. (presented 2013). A decision framework for prioritizing multiple management actions. Presentation at the meeting of 33rd International Sea Turtle Symposium, Baltimore, USA. (International)

Fuentes, M. M. P. B., Visconti, P., Leis, B., Marsh, H., & Pressey, R. L. (presented 2012). A decision framework for prioritizing multiple management actions for long-lived, migratory endangered species, applied in a data-poor context. Presentation at the meeting of 2nd Oceania Section of the Society for Conservation Biology, Darwin, Australia. (International)

Fuentes, M. M. P. B., & Porter, W. (presented 2012). A new approach to model soil temperature: using microclimate models to predict the impacts of climate change on sea turtles. Presentation at the meeting

of 32nd International Sea Turtle Symposium, Hualtulco, Mexico. (International)

Fuentes, M. M. P. B. (presented 2012). Opportunities and challenges to manage marine mega-fauna in a changing climate. Presentation at the meeting of 12th International Coral Reef Symposium, Cairns, Australia. (International)

Fuentes, M. M. P. B., Limpus, C. J., & Hamann, M. (presented 2012). Sea turtles and climate change. Presentation at the meeting of 1st Australian Marine Turtle Symposium, Buderim, Australia. (National)

Fuentes, M. M. P. B. (presented 2012). Vulnerability assessment: a decision support tool to prioritize management of turtle rookeries in a changing climate. Presentation at the meeting of Island Arks Symposium 2, Canberra, Australia. (International)

Fuentes, M. M. P. B., & Grech, A. (presented 2012). Working with Indigenous communities to monitor and manage marine mega-fauna in northern Australia. Presentation at the meeting of Coral Reefs: Coast to Coast Symposium, Freemantle, Australia. (National)

Fuentes, M. M. P. B. (presented 2011). A systematic framework to assess the vulnerability of fauna to climate change. Presentation at the meeting of 3rd International Climate Change Conference, Rio de Janeiro, Brazil. (International)

Fuentes, M. M. P. B., Pressey, B., & Marsh, H. (presented 2011). Systematic management of marine mega-fauna in a changing climate. Presentation at the meeting of 25th International Congress for Conservation Biology, Auckland, New Zealand. (International)

Fuentes, M. M. P. B. (presented 2011). Vulnerability of sea turtles to climate change. Presentation at the meeting of Greenhouse: The science of climate change, Cairns, Australia. (National)

Fuentes, M. M. P. B., Limpus, C. J., & Hamann, H. (presented 2010). A systematic framework to assess the vulnerability of sea turtle's nesting ground to climate change. Presentation at the meeting of 30th Symposium on sea turtle biology and conservation, Goa, India. (International)

Fuentes, M. M. P. B., & Hamann, M. (presented 2010). A systematic vulnerability assessment: analyzing the vulnerability of sea turtle nesting grounds to climate change. Presentation at the meeting of 2010 Climate Adaptation Futures Conference, Gold Coast, Australia. (National)

Fuentes, M. M. P. B., Hamann, M., & Marsh, H. (presented 2010). Are we succeeding? Monitoring and evaluation strategies for marine wildlife species management. Presentation at the meeting of Marine and Tropical Sciences Research facility Annual Conference, Cairns, Australia. (National)

Fuentes, M. M. P. B. (presented 2010). Impacts of climate change on sea turtles: using a vulnerability assessment framework to inform management. Presentation at the meeting of Marine and Tropical Sciences Research facility Annual Conference, Cairns, Australia. (National)

Fuentes, M. M. P. B., & Cinner, J. (presented 2010). Impacts of climate change to sea turtle nesting grounds: using experts' opinions for threat prioritization. Presentation at the meeting of 30th Symposium

on sea turtle biology and conservation. (International)

Fuentes, M. M. P. B. (presented 2010). Management of marine mega-fauna as climate change progresses. Presentation at the meeting of Coral Reefs in a Changing Environment, Canberra, Australia. (National)

Fuentes, M. M. P. B., & Hamann, M. (presented 2010). Vulnerability of sea turtle nesting grounds to climate change. Presentation at the meeting of 24th International Congress for Conservation Biology, Edmonton, Canada. (International)

Fuentes, M. M. P. B., Limpus Colin J., Hamann, H., & Moloney, J. (presented 2009). Assessing the vulnerability of sea turtle populations to predicted geographic shifts in cyclone patterns. Presentation at the meeting of 29th Symposium on sea turtle biology and conservation, Brisbane, Australia. (International)

Fuentes, M. M. P. B., Limpus, C. J., Hamann, M., & Dawson, J. (presented 2009). Community assistance in determining the potential effects of projected sea level rise on marine turtles. Presentation at the meeting of 29th Symposium on sea turtle biology and conservation, Brisbane, Australia. (International)

Fuentes, M. M. P. B., Limpus, C. J., Hamann, M., & Dawson, J. (presented 2009). Community assistance in determining the potential effects of projected sea level rise on marine turtles. Presentation at the meeting of Australian National Network in Marine Science Inaugural Conference: Marine Science in Tropical, Temperate and Southern Oceans, Hobart, Australia. (National)

Fuentes, M. M. P. B., Limpus, C. J., & Hamann, H. (presented 2009). How will the largest green turtle population in the world be affected by climate change? Presentation at the meeting of Marine and Tropical Sciences Research facility Annual Conference, Townsville, Australia. (National)

Fuentes, M. M. P. B., & Hamann, M. (presented 2009). Raine Island: Issues and implications. Presentation at the meeting of 29th Symposium on sea turtle biology and conservation, Brisbane, Australia. (International)

Fuentes, M. M. P. B. (presented 2009). Sea turtles, climate change and future challenges for management. Presentation at the meeting of The 10th International Congress of Ecology: Ecology in a Changing Climate, Brisbane, Australia. (International)

Fuentes, M. M. P. B., Dawson, J., Smithers, S., & Hamann, M. (presented 2008). Traits of Surficial Carbonate sediments at Reef Islands: Implications of Climate Change to Island Fauna. Presentation at the meeting of 11th International Coral Reef Symposium, Florida, USA. (International)

Fuentes, M. M. P. B., & Dawson, J. (presented 2007). Identifying superficial carbonate facies at key sea turtle rookeries to investigate the potential effects of climate change on turtle populations of the northern Great Barrier Reef. Presentation at the meeting of Greenhouse 2007: the latest science and technology. Sydney, Australia, Sydney, Australia. (National)

Invited presentations since 2015

- **Fuentes MMPB (2021).** Save Our Seas Distinguished Speaker Series: Sea Turtles.

Delivered at Museum of Discovery and Science. (National)

- **Fuentes MMPB.** (2018). Marine megafauna research and conservation at Florida State University. Delivered at Thalassic Society Research Symposium. (Local)
- **Fuentes MMPB.** (2018). Sea Turtle Conservation in a Changing World. Delivered at Environmental Law Certificate Events Spring. (Regional)
- **Fuentes MMPB** (2016) Marine turtles in a changing world: potential impacts and opportunities for conservation. Delivered at the Duke University Marine Lab, USA.
- **Fuentes MMPB** (2016) Methods for sea turtle research. Delivered at Bimini Shark Lab, Bimini, Bahamas.
- **Fuentes MMPB** (2016) Sea turtles in the Panhandle, Florida. Delivered at Apalachicola National Estuarine Research Reserve, Eastpoint, USA.
- **Fuentes MMPB** (2015). Marine turtles in Florida. Delivered at FSU Coastal and Marine Laboratory, USA.
- **Fuentes MMPB** (2015) Marine turtles in a changing world: potential impacts and opportunities for conservation. Delivered at Florida Fish and Wildlife Commission, USA.

Certifications

- Florida Boating Safety Education (2015 – present)
- IACUC/AALAS online training certification (2015)
- FSU Environmental Health and Safety training (2015)
- Australian Red Cross Adult CPR/First Aid (2010 - 2014)
- PADI Open water and advanced SCUBA certification (2000)