

CURRICULUM VITAE

Adrian J. Bunker

Nationality: British
Current residency: Brazil

D.O.B. 7th March 1974

Positions

2017 – current

Research Fellowship; University of São Paulo (IOUSP), Brazil.

Project Neptune - Network of research, development and innovation in technologies of computation, instrumentation, automation and subaquatic robotics.

Delivering lectures, developing material, training and fieldwork for Undergraduates in Modules:

- Module IOB146, IOUSP. Zooplankton, estimating growth & production, part 1 traditional, part II biochemical.
- Module IOB135, IOUSP. An introduction to holography; application to particle sinking rates and plankton behavior.

Supporting the research program of two Msc and recently two PhD students.

Seminar presentations. Postdocs, Msc students and visiting research collaborators.

2005/16.

Director of B2B start-up Cargobrazil Ltd; business development, market analysis, brand building, communication and premium network expansion.

Financial market trader; fundamental & technical analysis to risk/return.

October 2001/04. (PI. Prof. AG Hirst, British Antarctic Survey, Cambridge)

Named PDRA on Marine Productivity phase II award. *Recruitment and mortality of Calanus eggs and nauplii.*

http://www.bodc.ac.uk/projects/uk/marprod/cruise_programme/documents/d262cruisereport.pdf

May 2000/01. (PI Prof. AG Hirst, Heriot-Watt University, Edinburgh)

PDRA on Marine Productivity phase I award. *Development of a global model of growth and fecundity in marine planktonic copepods: accounting for food availability.*

March - May 2000. (PI. Dr AL Lyndon, Heriot-Watt University, Edinburgh)

Environmental Impact Survey (EIA) for proposed construction of Kincardine Bridge, Scotland.

June - November 1998. (PI. Dr T. Telfor, Stirling University & Dr H. Muir ICIT Orkney, Scotland)

A biological and chemical field survey in Loch Eil & surveys for ESSO Oils Ltd.

1995/2004 & 2017

I assisted students with ecological projects, surveys and taxonomic research. I have delivered lectures and developed course material for undergraduate teaching.

Publications

International peer reviewed journals; 695 citations.

https://www.researchgate.net/profile/Adrian_Bunker

Citations in books

Marine Plankton: A Practical Guide to Ecology, Methodology, and Taxonomy. Ed. Claudia Castellani and Martin Edwards. Oxford University Press, 2017. ISBN: 9780199233267

<https://global.oup.com/academic/product/marine-plankton-9780199233267?cc=br&lang=en&>

Marine Ecosystems and Global Change: Ed. Manuel Barange, John G. Field, Roger P. Harris, Eileen E. Hofmann, R. Ian Perry, and Francisco Werner. Oxford University Press, 2010. ISBN-13: 9780199558025

[DOI:10.1093/acprof:oso/9780199558025.001.0001](https://doi.org/10.1093/acprof:oso/9780199558025.001.0001)

Conference Presentations

2017 International Conference on Copeland, L.A.; R. Strickler Thin Layer presentation.

2003 ICES/PICES/GLOBEC International Symposium, Spain; Presentation of poster.

2002 Ocean Sciences Meeting, Hawaii; Oral presentation.

2001 Ocean Sciences Meeting, Albuquerque; Presentation of poster.

1999 XI International Meiofaunal Conference; Oral presentation.

Education

1995/99

Doctor of Philosophy; Heriot-Watt University, Edinburgh. (supervisor. C Moore)
Thesis title: *The impact of the oil industry on subtidal meiobenthos.*

<http://www.ros.hw.ac.uk/handle/10399/1269>

1992/95

2:1 BSc. (Hons) Biological Sciences; University of Plymouth.

Professional Qualifications

- 1995 HSE Commercial diving qualification, Part IV. www.hse.gov.uk/diving/
- 1995 RYA Powerboat handling. www.rya.org.uk

Language Skills

- Speak and read Portuguese proficiently

Interests

I enjoy scuba diving, surfing, cycling and playing padel. I have been privileged enough to explore countries in Asia, Australasia, Europe and North/South America.

Full clean driving licence for 24 years.