



**Dr. DARIA J. HINZ**

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Daria Hinz is a marine biologist with a B.A. *cum laude* in Biology, and a Ph.D. in Ocean and Earth Science. During her Ph.D. she gained extensive experience in both laboratory and ship-board biological and microbiological research and is a member of the Society of Biology, the Marine Biological Association of the UK, and a Registered Marine Scientist and member of the Institute of Marine Engineering, Science, and Technology (IMarEST).

Daria joined Brookes Bell in early 2011 and became a partner in 2016. Her general expertise concerns the ocean carriage of a variety of bulk and packaged commodities including: grains, agricultural goods, fruits and vegetables, mineral ores, and chemicals. In addition to cargo issues, her specific expertise in biological systems also applies to more specialised problems within the marine industry. Daria has investigated numerous biological issues including: the source of cargo infestations and hull fouling, the suitability of ballast water management systems, and the impact of the release of dangerous goods on the environment.

Daria has extensive ship-board and shore stockpile/warehouse surveying experience for a wide range of commodities, including mineral ores liable to liquefy, grain cargoes subject to deterioration, and fruit and vegetable cargoes shipped under refrigeration. She has attended vessels to inspect cargoes at ports throughout the world including Bangladesh, India, Indonesia, Japan, Egypt, Jordan, Turkey, Guinea, Morocco, the USA, and Europe. In addition, she frequently attends laboratory analyses in the UK and abroad. As a result of her extensive survey work, Daria has written numerous reports for clients involved in court proceedings and arbitration, both where she has attended the vessel and in cases where historical information was provided well after an incident.

**Academic Qualifications**

B. A. *cum laude* in Biology, Harvard University (Cambridge, USA).

Ph.D. in Ocean and Earth Science, University of Southampton (Southampton, UK).

**Membership of Professional Bodies**

Member, Society of Biology

RMarSci and Member, Institute of Marine Engineering, Science, and Technology

Member, Marine Biological Association of the United Kingdom

**Academic and Research Employment**

2006-2010 Doctoral research at the School of Ocean and Earth Science, University of Southampton

**Industry Publications as a Contributing Author**

Japan P&I Club (2013). Solid Bulk Cargoes – Loss Prevention: Part 1, **26**. Tokyo. Japan P&I Club.

Japan P&I Club (2013). Solid Bulk Cargoes – Loss Prevention: Part 2, **27**. Tokyo. Japan P&I Club.

Japan P&I Club (2013). Solid Bulk Cargoes – Loss Prevention: Part 3, **28**. Tokyo. Japan P&I Club.

**Academic Publications**

Hinz, D.J., Nielsdóttir M.C., Korb, R.E., Whitehouse, M.J., Poulton, A.J., Moore, C. M., Achterberg, E.P., Bibby, T.S. (2012). Responses of microplankton community structure to iron addition in the Scotia Sea. *Deep Sea Research Part II: Topical Studies in Oceanography*, **59-60**, pp. 36-46.

Hinz, D.J., Poulton, A.J., Nielsdóttir, M.C., Steigenberger, S., Korb, R.E., Achterberg, E.P., Bibby, T.S. (2012). Comparative seasonal biogeography of mineralising nanoplankton in the Scotia Sea: *Emiliana huxleyi*, *Fragilariopsis* spp. and *Tetraparma pelagica*. *Deep Sea Research Part II: Topical Studies in Oceanography*, **59-60**, pp. 57-66.

Nielsdóttir, M.C., Bibby, T.S., Moore, C.M., Hinz, D.J., Sanders, R., Whitehouse, M., Korb, R., and Achterberg, E.P. (2012). Seasonal and spatial dynamics of iron availability in the Scotia Sea. *Marine Chemistry*, **130-131**, pp. 62-72.

Hinz, Daria J. (2010). *Emiliana huxleyi* and climate change: a genetic and biogeographic investigation of bloom dynamics for a key phytoplankton species in the global carbon cycle. *University of Southampton, School of Ocean and Earth Science, Doctoral Thesis*, 189pp.

Nielsdóttir, M.C., Moore, C.M., Sanders, R., Hinz, D.J., and Achterberg, E.P. (2009). Iron limitation of the postbloom phytoplankton communities in the Iceland Basin. *Global Biogeochemical Cycles*, **23**, GB3001.