

Dr. Wessam Abouarghoub (CV)

QUALIFICATIONS & EDUCATION

- 2015 **PCUTL**, Postgraduate Certificate in University Teaching and Learning and a fellow of the Higher Education Academy **FHEA**.
- 2013 **PhD in Economics**, “*Implementing the new Science of Risk Management to Tanker Shipping Freight Markets*”, Bristol Business School, University of The West of England.
- 2005- 2006 **MSc in Shipping Trade & Finance**, Cass Business School, City University London.
- 2005 **Chief Mate Unlimited (Marine Navigator)**, United Kingdom of Great Britain and Northern Ireland Certificate of Competency.
- 2003-2004 **BTEC Higher National Diploma in Nautical Science** Warsash Maritime Centre, Southampton Solent University, UK.
- 1993- 1998 **Bachelor in Maritime Navigation (Honours)**, Academy of Maritime Studies, Tripoli, Libya.

EMPLOYMENT HISTORY

- 2023 – 2024 Associate Professor, Department of Operations & Project Management, College of Business, Alfaisal University in Riyadh.
- 2013 – 2024 A Reader in *Logistics and Operations Management* at Cardiff Business School, Cardiff University. Duties include module leader for *Business Data Analytics, Maritime Economics* and *Shipping Management and Finance* Modules.
- 2022 – 2024 Co-ordinator for Transport, Shipping Port and Maritime Research Group (TRANSPAM)
- 2020 – 2022 Programme Director of the *MSc Maritime Policy and Shipping Management*.
- 2016 – 2021 External examiner for the American College of Greece – DEREI Collage to oversee the programme of BSc (Hons) Business Administration with particular reference to the *Shipping Management* pathway and BSc (Hons) *Shipping Management*.
- 2016 – 2020 External examiner for Liverpool John Moores University to oversee the following programmes:
BSc (Hons) Maritime Business and Management; BSc (Hons) Management, Transport and Logistics and Nautical Science and Marine Operations.
- 2007 – 2013 Associate Lecturer at Bristol Business School, University of the West of England.
- 1998 – 2002 Employee of GNMTC (shipping company) as a Merchant Navy Senior Officer in charge of Navigation Watch and Cargo Operations on board ships.

Details of teaching profile and experience are provided below.

RECENT AWARDS AND GRANTS

- 2023-2024 [GIRO-ZERO](#) – 3rd-year Steering the Colombian Road Freight Sector Towards a Zero Emissions Strategy, a £390,000 grant awarded by the UK Department for Business Energy and Industrial Strategy (BEIS).
- 2022-2023 [GIRO-ZERO](#) – 2nd-year Steering the Colombian Road Freight Sector Towards a Zero Emissions Strategy, a £400,000 grant awarded by the UK Department for Business Energy and Industrial Strategy (BEIS).
- 2021-2022 [GIRO-ZERO](#) – 1st-year Steering the Colombian Road Freight Sector Towards a Zero Emissions Strategy, a [£400,000 grant awarded](#) by the UK Department for Business Energy and Industrial Strategy (BEIS). The first year of the project has been [successfully completed](#).

PUBLICATIONS IN WORLD LEADING JOURNALS

- Shin, S., Wang, Y., Pettit, S. and **Abouarghoub, W.**, 2023. Blockchain application in maritime supply chain: a systematic literature review and conceptual framework. *Maritime Policy & Management*. <https://doi.org/10.1080/03088839.2023.2234896> [**B in ABDC, 1* in AJG, Q1 in Scopus**]
- Mostafa, A. M. S., Boon, C., **Abouarghoub, W.**, Ziming, C., 2022. High-Commitment HRM, Organizational Engagement and Deviant Workplace Behaviors: The Moderating Role of Person-Organization Fit. *European Management Review*. <https://doi.org/10.1111/emre.12542> [**C in ABDC, 3* in AJG, Q1 in Scopus**]
- Mostafa, A. M. S., Bottomley, P. A., Gould- Williams, J. S., **Abouarghoub, W.**, Lythreatis, S., 2020. High-commitment human resource practices and employee outcomes: The contingent role of organisational identification. *Human Resource Management Journal*, 29, pp.620-636. <https://doi.org/10.1111/1748-8583.12248> [**A in ABDC, 4* in AJG, Q1 in Scopus**]
- Lim, S., Pettit, S., **Abouarghoub, W.** and Beresford, A., 2019. Port sustainability and performance: A systematic literature review. *Transportation Research Part D: Transport and Environment*, 72, pp.47-64. <https://doi.org/10.1016/j.trd.2019.04.009> [**A in ABDC, 3* in AJG, Q1 in Scopus**]
- Abouarghoub, W.**, Nomikos, N. and Petropoulos, F., 2018. On reconciling macro and micro energy transport forecasts for strategic decision making in the tanker industry. *Transportation Research Part E: Logistics and Transportation Review*, 113, 225-238. <https://doi.org/10.1016/j.tre.2017.10.012> [**A* in ABDC, 3* in AJG, Q1 in Scopus**]
- Pettit, S., Wells. P., Haider, J., and **Abouarghoub, W.**, 2018. Revisiting history: Can shipping achieve a second socio-technical transition for carbon emissions reduction? *Transportation Research Part D: Transport and Environment*, 58, 292-307. <https://doi.org/10.1016/j.trd.2017.05.001> [**A in ABDC, 3* in AJG, Q1 in Scopus**]
- Mitroussi, K., **Abouarghoub, W.**, Haider, J., Pettit, S. and Tigka, N., 2016. Performance drivers of shipping loans: An empirical investigation. *International Journal of Production Economics*, 171, 438-452. <https://doi.org/10.1016/j.ijpe.2015.09.041> [**A in ABDC, 3* in AJG, Q1 in Scopus**]

Gosling, J., **Abouarghoub, W.**, Naim, M. and Moone, B., 2018. Constructing supplier learning curves to evaluate relational gain in engineering projects. *Computers and Industrial Engineering*. <https://doi.org/10.1016/j.cie.2018.05.008> [A in ABDC, 2* in AJG, Q1 in Scopus]

Wiradanti, B., Pettit, S., Potter, A. and **Abouarghoub, W.**, 2020. Willingness to invest in peripheral ports: perceptions of Indonesian port and maritime industry stakeholders. *Maritime Economics & Logistics*, pp.1-16. <https://doi.org/10.1057/s41278-020-00147-6> [B in ABDC, 1* in AJG 1, Q1 in Scopus]

Gosling, J., Naim, M., Towill, D., **Abouarghoub, W.** and Moone, B., 2015. Supplier development initiatives and their impact on the consistency of project performance. *Construction Management and Economics*, 33, 390-403. <https://doi.org/10.1080/01446193.2015.1028956> [A in ABDC, 2 in AJG, Q1 in Scopus]

BOOKS:

Abouarghoub, W., Contributing editor., 2023. *Economics of Transport and International Trade*. Institute of Chartered Shipbrokers. <https://shippingbooks.com/product/economics-of-sea-transport-and-international-trade/>

BOOK CHAPTERS:

Abouarghoub, W. (2023). ‘Shipping Freight Economics: A Theoretical and Practical Application’ in Grammenos, C. Th. (ed.) *The Handbook of Maritime Economics and Business*. London: Informa Law. Forthcoming.

Abouarghoub, W. and Haider, J., 2019. Shipping Economics: Status and Future Prospects. In *Contemporary Operations and Logistics* (pp. 259-279). Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-030-14493-7_14

OTHER JOURNAL PUBLICATIONS

Wells, P., **Abouarghoub, W.**, Pettit, S and Beresford, A., 2020. A socio-technical transitions perspective for assessing future sustainability following the COVID-19 Pandemic. *Sustainability: Science, Practice and Policy*. 16(1), pp. 29-36. [Q1 in Scopus] <https://doi.org/10.1080/15487733.2020.1763002>

Wiradanti, B., Pettit, S., Potter, A. and **Abouarghoub, W.**, 2018. Ports, peripherality and concentration – deconcentration factors: a review. *Maritime Business Review*, 3 (4), pp.375-393. [Q2 in Scopus] <https://doi.org/10.1108/MABR-09-2018-0040>

Abouarghoub, W., Biefang-Frisancho Mariscal, I. and Howells, P., 2014. A two-state Markov-switching distinctive conditional variance application for tanker freight returns. *Int. J. Financial Engineering and Risk Management*, 1 (3), pp.239–263. <https://doi.org/10.1504/IJFERM.2014.058762>

Abouarghoub, W., Mariscal, Iris and Howells, P., 2012. Dynamic Earnings within Tanker Markets: An Investigation of Exogenous and Endogenous Structure Breaks. *American International Journal of Contemporary Research*, 2 (1), pp 132-47. <http://orca.cf.ac.uk/id/eprint/49621>

Abouarghoub, W. and Mariscal, I., 2011. Measuring level of risk exposure in shipping freight markets. *International Journal of Business and Social Research*, 1 (1), pp 20-44. <http://orca.cf.ac.uk/id/eprint/49620>

CONFERENCE PAPERS

Sun, R., **Abouarghoub, W.**, Rostami-Tabar, B. and Demir, E., 2022. Estimating ship carbon emissions in ports: A mixed approach for obtaining missing ship technical data. In Symposium on Logistics (p. 78). https://isl21.org/wp-content/uploads/2022/07/ISL_2022_Proceedings.pdf

Wiradanti, B., Valentina, G., Stephen, P., Potter, A., **Abouarghoub, W.** and Beresford, A., 2018. In between global main shipping routes: similarities and differences between Indonesia and the Caribbean. Presented at: Maritime Bahamas 2018, Nassau, Bahamas, 17 - 19 October 2018. <http://orca.cf.ac.uk/id/eprint/116130>

Wells, P., Pettit, S. **Abouarghoub, W.**, Haider, J. and Beresford, A., 2018. Future CO2 emissions from shipping: a four-scenario analysis using the Multi-Level Perspective. Presented at: Maritime Bahamas 2018, Nassau, Bahamas, 16-19 October 2018. <http://orca.cf.ac.uk/id/eprint/116837>

Wells, P., Pettit, S., **Abouarghoub, W.**, Haider, J., and Beresford, A., 2018. A multi-level perspective for assessing future CO2 emissions from shipping. Presented at: Maritime Bahamas 2018, Nassau, Bahamas, 16-19 Oct 2018. <http://orca.cf.ac.uk/id/eprint/116129>

Abouarghoub, W. and Mostafa, A. M. S., 2018. The Impact of Green HRM Practices on Maritime Environmental Wellness. Presented at: The Newton Researcher Links Workshop on Advancing work, health and well-being in rural and urban Malaysia 2018, Kuala Lumpur Malaysia, 20-25 September 2018.

Lim, S., Pettit, S. and **Abouarghoub, W.** 2018. A systematic literature review on port sustainability performance. Presented at: British Academy of Management Conference, Bristol, UK, 4 - 6 September 2018. <http://orca.cf.ac.uk/id/eprint/114840>

Demir, E., **Abouarghoub, W.** and Syntetos, A. 2018. Modelling the delivery slots for the last mile delivery: Costs and emissions. Presented at: The 23rd International Symposium on Logistics (ISL 2018), Bali, Indonesia, 8-11 July 2018. <http://orca.cf.ac.uk/id/eprint/113172>

Abouarghoub, W. and Mostafa, A. 2018. High-commitment HRM, organizational engagement and deviant workplace behaviours: The moderating role of person-organization fit. Presented at: 15th International Human Resource Management Conference, Madrid, Spain, 13-15 June 2018. <http://orca.cf.ac.uk/id/eprint/113334>

Wells, P. E., Pettit, S., **Abouarghoub, W.**, Haider, J., and Beresford, A., 2018. Future CO2 emissions from shipping: four-scenarios using a multi-level perspective - a proposed methodology. Presented at: Global Maritime Conference (GLOBMAR 2018), Sopot, Poland, 19-20 April 2018. <http://orca.cf.ac.uk/id/eprint/111039>

Pettit, S., **Abouarghoub, W.**, Harris, I., Walker, H., and Veskova, B., 2018. Theoretical developments in humanitarian aid supply chain management. Presented at: 9th European Decision Science Institute Conference, Udine, Italy, 3-6 June 2018. <http://orca.cf.ac.uk/id/eprint/112094>

Wiradanti, B., Pettit, S., Potter, A. and **Abouarghoub, W.**, 2017. Investing in peripheral ports: perception of stakeholders in the Indonesian port and maritime industry. Presented at: 21st Logistics Research Network Conference, Southampton, 6-8 September 2017. <http://orca.cf.ac.uk/id/eprint/104674>

Abouarghoub, W. and Alizadeh, A., 2017. A Markov Regime switching approach for forecasting short- and long-term dry bulk freight rates. Presented at: International Association of Maritime Economists Conference, Kyoto, Japan, 27-30 June 2017. <http://orca.cf.ac.uk/id/eprint/105608>

Pettit, S., **Abouarghoub, W.**, and Beresford, A., 2017. An investigation into port congestion post the Arab Spring: the case of the Libyan crisis. Presented at: International Symposium on Logistics, Ljubljana, Slovenia, 9-12 July 2017. <http://orca.cf.ac.uk/id/eprint/103417>

Wiradanti, B., Pettit, S., Potter, A. and Abouarghoub, W., 2017. Peripherality in ports: a literature review on concentration / de-concentration factors. Presented at: International Association of Maritime Economists Conference, Kyoto, Japan, 27-30 June 2017. <http://orca.cf.ac.uk/id/eprint/103413>

Abouarghoub, W. and Petropoulos, F., 2016. On reconciling micro and macro energy transport forecasts. Presented at the 21st International Symposium on Logistics, Kaohsiung, Taiwan, 3-6 July 2016.

Gosling, J., **Abouarghoub, W.** Naim, M., Towill, D., and Moone, B., 2016. Constructing supplier performance learning curves. Presented at the 23rd EurOMA, Trondheim, Norway, 17-22 June 2016.

Wiradanti, B., Pettit, S. J., **Abouarghoub, W.** and Beresford, A. K. C., 2016. Trends in trade and port development of rising economies: Mexico and Indonesia. Presented at: Logistics Research Network Conference, Hull, UK, 7 - 9 September 2016. <http://orca.cf.ac.uk/id/eprint/94436>

Abouarghoub W. and Pettit S., 2014. Freight Dynamics in the Tanker Market. Proceeded at: IAME 2014, Norfolk, Virginia, 16-18 July 2014. <http://orca.cf.ac.uk/id/eprint/73377>

Buargoub M., **Abouraghoub W.**, Pettit, S.J., Beresford A. K. C., 2013. Humanitarian Aid delivery between Libya and Chad. Proceedings of the 3rd Humanitarian Logistics Workshop, Essen, Germany, 23rd September 2013. <http://orca.cf.ac.uk/id/eprint/103358>

Abouarghoub, W., Mariscal, I. and Howells, P., 2013. Dynamic risk and volatility in tanker shipping markets: A Markov-switching application. Presented at: The International Association of Maritime Economists (IAME 2013) Conference, Marseille, France, 3-5 July 2013. <http://orca.cf.ac.uk/id/eprint/49618>

Abouarghoub, W., 2010. Measuring level of risk exposure in shipping markets. Presented at the International Association of Maritime Economists (IAME 2010), Lisbon, Portugal, 7-9 July 2010.

Abouarghoub, W., 2009. Tanker Shipping Freight Returns and Risk Measure. Presented at: Bath University PhD conference.

Abouarghoub, W., 2009. Tanker shipping freight rates and level of risk exposure. Presented at: The Second Annual Economics and Finance PhD Student Conference, at Brunel University.

Abouarghoub, W., 2008. Doctoral symposium at University of The West of England. Title of paper: Implementing the new science of Risk Management to the Tanker Shipping Freight markets.

Abouarghoub, W., 2008. Value at risk and tanker shipping freight rates. Presented at: ESRC Seminars in Accounting, Finance and Economics, University of St Andrews, Fife, Scotland, UK, 29-30 August 2008. <http://orca.cf.ac.uk/id/eprint/73623>

Abouarghoub, W., 2008. Value at risk and tanker shipping freight rates. Presented at: The First Annual Economics and Finance PhD Student Conference, at Brunel University Measuring.

Abouarghoub, W., 2008. Implementing the new science of Risk Management to the Tanker Shipping Freight markets. Presented at: Doctoral symposium at University of The West of England.

PhD

Abouarghoub, W., 2013. Implementing the new science of risk management to the tanker freight markets. PhD Thesis, University of the West of England. <http://eprints.uwe.ac.uk/20836>

PROFESSIONAL PUBLICATIONS

Peter Marlow, Anthony Beresford, **Wessam Abouarghoub** and Stephen Pettit., 2015. Interview: Message from the First President of the IAME, Professor Richard Goss. The Maritime Economist, summer, 2015: Issue 2. Available to download from: <http://www.mar-economists.org/wp-content/uploads/2017/02/The-Maritime-Economist-Summer-2015.pdf>

PUBLISHED WORKING PAPERS

Abouarghoub, W., 2011. Measuring Shipping Tanker Freight Risk, Centre for Global Finance working paper series (ISSN 2041-1596) Paper Number: 02/10.

OTHER AWARDS AND GRANTS

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|------------|---|
| 2021-2023 | GIRO-ZERO - Steering the Colombian Road Freight Sector Towards a Zero Emissions Strategy, a £810,000 grant awarded by the UK Department for Business Energy and Industrial Strategy (BEIS). |
| 2018--2019 | Two placement project grants (£4516) under the Cardiff Undergraduate Research Opportunity Programme (CUROP 2019). |
| 01-09-2018 | A grant for £5000 to participate in the British Council Researcher Links scheme within the Newton Fund workshop series. |
| 06-09-2018 | The British Academy of Management best full paper award. |
| 2017--2018 | Two placement project grants (£4200) under the Cardiff Undergraduate Research Opportunity Programme (CUROP 2018). |
| 2017--2018 | Three placement project grants (£4800) under the Cardiff Undergraduate Research Opportunity Programme (CUROP 2017). |
| 2017--2018 | Seedcorn Funding Research: Assessing Changes in Libyan Port Efficiency. Total of £2000. |
| 2016--2017 | Seedcorn Funding Research: Operations Management and Supply Chain Management Journals update. Total of £2500. |
| 23-08-2016 | ESRC IAA Global Challenges Fund for £5600. |
| 2015--2016 | Four placement project grants for total of £6400 under Cardiff Undergraduate Research Opportunity Programme (CUROP 2015 & 2016). |
| 2010 | A grant of \$5445 from the International Maritime Exchange Academy. |

- 2007--2012 A four year research Bursary (total value £8000) from UWE, BBS.
- 2005--2006 A Master's Degree Scholarship at CASS Business School sponsored by the Libyan Ministry of Education (total value: £27000).
- 2002-2004 A HND and Chief Mate qualifications at Southampton Solent University Scholarship (total value: £15000) sponsored by the Libyan Ministry of Transport.

PHD SUPERVISION

- Supervised 4 PhD students' to completion. Two as main supervisor, one as 2nd supervisor and one as 3rd supervisor.
- Currently supervising 2 students. One as main supervisor and one as 3rd supervisor.

PROFESSIONAL MEMBERSHIPS

- A Fellowship of the Higher Education Academy (**FHEA**): PR089597
- A member of the Nautical Institute (**MNI**) MN: 0816417
- A member of the International Association of Maritime Economics (**IAME**)
- Registered with the Institute of Chartered Shipbrokers.

PROFESSIONAL TRAINING

- 2013-2015 Postgraduate Certificate in University Teaching and Learning. PCUTL that is aligned with the UK Professional Standards Framework for teaching and supporting learning in higher education (the UKPSF).
- 22-03-2010 Tanker Freight Derivatives Professional Trading Course, Imarex Academy, Thomson Reuters, Canary Wharf, London.

All below professional training was undertaken during my HND programme at Warsash Maritime Centre, Southampton, UK.

- 25-10-2004 General Maritime Distress Safety Systems; General Operator Certificate of Competence.
- 23-09-2004 Trained in Advanced Fire Fighting, for one week.
- 08-08-2003 Certificate of Proficiency for Persons in charge of Medical Care Aboard Ships.
- 25-07-2003 Navigation, Radar and ARPA Simulator Training (Management Level).

KEY SKILLS

- A Data Scientist experienced in using Excel spreadsheets, Pivot-Tables and simulations, for business problem solving, financial valuations, asset pricing and scenario analysis.
- A Data Scientist experienced in Large and Big Data Applications.
- Experienced in using and teaching numerous statistical analysis software packages for business problem solving (e.g. R, SPSS, AMOS, EVIEWS, MICROFIT and OxMetric).
- Experienced in using business databases (e.g. Shipping Intelligent Network, Reuters and Bloomberg)
- Capacity to assimilate information and translate to practical plans with strong attention to details.
- The ability to develop trusted relationships and to communicate effectively.
- Fluent in English and Arabic, including writing and reading.