

## **Publications and Books According To Expertise**

### **Books related to Energy Environment and Climate Change**

Olanrewaju, Oladokun Sulaiman, Tee, Kong Fah and Haji Mokhtar, Nor Aieni bt (2017) Reliability Analysis of Offshore Wave Energy and Seaweed Farming System. David Publishing Company. ISBN 978-1934502235

Oladokun, Sulaiman Olanrewaju, ed. (2015) Climate Change Control Systems and Technology Series. OMICS International, Foster City, CA 94404, USA. ISBN 978-1-63278-047-8

### **Books related to Marine and Maritime Risk Analysis**

Olanrewaju, Sulaiman & Abdelaziz, Almoataz & Guerriero, Giulia. (2016). Risk Analysis of Aquaculture Farming System: Towards Reliable Sea Farming. ISBN (978-3-8473-2198-9), Lambert Academic Publishing, Germany

Oladokun, Sulaiman Olanrewaju (2016) Marine safety Environmental Risk and Reliability Series. OMICS International, Foster City, CA 94404, USA. ISBN 978-1-63278-003-4

Oladokun, Sulaiman Olanrewaju, ed. (2015)), Human Element for Safety and Marine Pollution Control Systems. OMICS International, Foster City, CA 94404, USA. ISBN 9978-1-63278-049-2

Oladokun, Sulaiman Olanrewaju. (2015), Inland Water Transportation Systems Series. OMICS International, Foster City, CA 94404, USA. 1632780127, 9781632780126

Olanrewaju, Sulaiman. (2013). Apply Safety Risk and Reliability Analysis of Marine Systems. (9781466643178), XLIBRIS Publisher, AUS

Olanrewaju, Sulaiman. (2013. Safety Risk and Reliability Model for Marine System, ISBN (978-1-4931-0929-6, 978-1-4931-0930-2) XLIBRIS, Publisher, AUS

Olanrewaju, Sulaiman (2013). Applying Safety Risk and Reliability of Marine System, ISBN (9781466643178), XLIBRIS Publisher, AUS

Sulaiman Oladokun Olanrewaju, Safety and Environmental Risk Model for Inland Water Transportation, (2012), ISBN (978-3-8465-0828-2) Lambert Academic Publishing, Germany

### **1. Books related to Marine and Maritime Technology and Science**

7. Olanrewaju, Sulaiman. (2013). Marine Technology and Sustainable Development: Green innovation. ISBN (10.4018/978-1-4666-4317-8) IGI Publisher, 2013
11. Sulaiman Oladokun Olanrewaju, Ab Saman Abd Kader, Saharuddin B. Dato Abdul Hamid, Sustainable maintenance of navigation channel (2012), ISBN (978-3-8473-2198-9), Lambert Academic Publishing, Germany

## **Refereed Articles in Journals related to Emission from Shipping and Shipping and Climate Change**

- O.O. Sulaiman, A. Saman. A. Kader, (2014) Quantification of Emissions from Marine Transportation Towards Sustainable Shipping, 7(14) December 2013, Pages: 380-395
- O.O. Sulaiman, A.S.A. Kader, B.Michael, N. Stark (2013), Pilot Study for Quantification of GreenHouse Gas For Decision Support towards International Maritime Organisation Rule Making, Global Journal of Science and Frontiers Research Environment and Earth Science, 13, 1
- Sulaiman O.O., W.B. Wan Nik, A.S.A.Kader (2013), Potential of Macro Algae for Biomass Energy Source and GreenHouse Gas Emission Carbon Capture, Biosciences Biotechnology Research Asia, 10 (2), ISI, Scopus Q4, H=4
- O.Sulaiman, A.H.Saharuddin, A.S.AKader (2013), Towards Sustainable Green Ship Technology, African Journal of Business Management, ISI, if=1.05
- O.O. Sulaiman. S. Azman, M. Anis (2011), Quantification of GreenHouse Gas Emission from Ships Quantification in Malaysian Johor Port, Journal of Marine Technology and Environment, Vol 1, Pg 113-120. IC (4.97)
- O.O. Sulaiman, A.S.A.Kader, A.H. Saharuddin, WB.Wan Nik, (2011), Air Emission from Ship Driving Force for Next Generation Marine Technological and Policy Change: A Review, African Journal of Business Management, Vol. 5(33), pp. 12664-12683, ISI, IF=1.105, Sulaiman. Air Emission from Ship Driving Force for Next Generation Marine Technological and Policy Change: A Review, African Journal of Business Management, Vol. 5(33), pp. 12664-12683, ISI, IF=1.105

## **Refereed Articles in Journals related to Energy and Environment and Climate Change Control Technology**

- O. Sulaiman (2016), Study the Performance of Biofuel from B5 and Laminaria Seaweed on Engine Test Bed for Marine Transportation, Biosciences Biotechnology Research Asia. Vol. 13(4), 1885-1893
- Sulaiman O.O., Al Moataz Abdelaziz, Giulia Guerriero (2016-05-24). Risk
- O.O.Sulaiman, (2016), Production from Macroalgae as a Biofuel for Diesel Engine, International Journal of Applied Engineering Research, 11 (19), 9730-9734
- Olanrewaju O. S, Tee K. F, Kader A. S. A. (2015) Water Quality Test and Site Selection for Suitable Species for Seaweed Farm on East Coast of Malaysia. Biosci Biotech Res Asia 2015;12(spl.edn.2)
- Laily A. R. N, Hasiah S, Dagang A. N, Sulaiman O. O. (2015) Allamanda Cathartica Linn and Ixora coccinea L as Natural Dye for Bulk Heterojunction Organic Solar Cell: A Hall Effect and Electrical Conductivity Study. Biosci Biotech Res Asia;12(spl.edn.2)
- O Oladokun Sulaiman, A Saman Abd Kader, S Azman, (2015), Study of Macro Algae as Marine Biomass Energy Source, Journal of Aquaculture & Marine Biology, Vol 2(1)
- O.O. Sulaiman, Study of Macro Algae as Marine Biomass Energy Source, Journal of Aquaculture & Marine Biology, Volume 2 Issue 1 – 2015
- Sulaiman O.O., W.B. Wan Nik, A.S.A. Kader (2013), Solar-Macro-Algae Based Biogas Hybrid System for Future Offshore Installation, Biosciences Biotechnology Research Asia, 10 (2), 53-61, ISI, Scopus, Q4, H=4
- O.O. Sulaiman, WB.Wan Nik, A.H. Saharuddin, A.S.A.Kader, (2012), Potential of Waste Based Biomass Cogeneration for Malaysia Energy Sector, Biotechnology, Bioscience Research Asia, Vol 9(2), Pg 601-607, Q4, H=4
- O.O. Sulaiman, A.S.A.Kader, W.B. Wan Nik (2012), Feasibility of Using Solar as a Supporting Hybrid Power System for Marine Diesel Engine: UMT Vessel Experimentation Experience, Global Journal of Research in Engineering, Automotive Engineering, Volume12, Issue 2, Version 1
- O. O. Sulaiman, A.H. Saharuddin, A.S.A.Kader, M.F. Ahmad (2011). Techno-Economic Study of Potential Using Solar Energy as A Supporting Power for Marine Vessel, International Journal of Business and Social Science (IJBSS), Centre For Promoting Ideas (CPI), Vol 1, No4, Pg 113-119, March 2011 IndexCopernicus (9 ), and EBSCOhost.

[http://www.ijbssnet.com/journals/Vol.\\_2\\_No.\\_1%3B\\_January\\_2011/10.pdf](http://www.ijbssnet.com/journals/Vol._2_No._1%3B_January_2011/10.pdf)

O. O. Sulaiman. A.H. Saharuddin, A.S.A.Kader, M. Zamani (2011), Modelling of Gas Turbine Co-Propulsion Engine to Ecotourism Vessel to Improved Sailing Speed Up To 35 Knots, International Journal of Engineering (Computer Science Online Journal ), Vol.4, No. 6. Pg 463-477, CiteSeerX, Scientific Commons.

O.O. Sulaiman. (2011), Modelling of Magneto electric co-generator plant for Sustainable Marine Vessel Power System, Canadian Journal of Mechanical, Science and Engineering (CJMSE), Vol 2, No.5. Pg 106-109. <http://www.ampublisher.com/June%202011/Canadian-Journal-Environmental-Construction-Civil-June-2011.html>

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O. O. Sulaiman. A.S.A.Kader, A.H. Saharuddin, K.B.Samo (2010). Potential of Biomass Cogeneration for Port Powering, Bioscience, Biotechnology Research Asia (BBRA), Vol 7, No 2, Pg 559-578, December, SCOPUS, H Index (3). Q4, H=4

Wan Nik W.B. Sulaiman OO, Rosliza R, Prawoto Y, Muzathik A.M, Wave Energy Resource Assessment And Review Of The Technologies, International Journal Of Energy And Environment, Volume 2, Issue 6, 2011 Pp.1101-1112, Journal Homepage: [Www.Ieee.Ieee.org](http://www.ieee.ieee.org), Issn 2076-2895 (Print), Issn 2076-2909 (Online) ©2011 International Energy & Environment Foundation.

Musa M.A., Sulaiman O.O., samo K.B., Ahmad M.F Incorporating Kite or Balloon Technology on Boat In Malaysia Waters. Journal of Marine Technology and Environment, Vol 2. Pg 158-178. [http://www.cmu-edu.eu/jmte/JMTE\\_voII\\_2011.pdf](http://www.cmu-edu.eu/jmte/JMTE_voII_2011.pdf), Q3, H=3

O.O. Sulaiman 2013, Solar Hybrid Power System for Marine Diesel Engine: UMT Vessel Experience Marine Technology and Sustainable Development, IGI Publisher, (pages 1-8),

O.O. Sulaiman 2013, Evolving Sustainable Green Ship Technology, Marine Technology and Sustainable Development, IGI Publisher (pages 127-145)

## Refereed Articles in Journals related to Marine Risk Analysis and Modelling

Risk Analysis of Aquaculture Farming System. Towards Reliable Sea Farming. LAP LAMBERT Academic Publishing. Pp 166. ISBN-13:978-3-659-86127-7; ISBN-10: 3659861278; EAN: 9783659861277. Book language: English (<https://www.lap-publishing.com/catalog/details//store/gb/book/978-3-659-86127-7/risk-analysis-of-aquaculture-farming-system>)

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O.O.Sulaiman, (2015), Risk and Reliability Analysis of the Effect of Underwater Noise Pollution towards Marine Animals, International Journal of Scientific & Engineering Research, Vol 6(9)

O.O.Sulaiman, A. Kader (2015), Techniques of Safety and Environmental Risk and Reliability Modelling for Sustainable Inland Water Transportation System, Danubius Journal of Regional Cooperation System generated, e-Research System.

OS Olanrewaju, (2015), Assessing Human Reliability Behaviour from Use of Technology for Ships Navigating within Coastal Water, Transportation Systems and Engineering: Concepts, Methodologies, Tools, and Applications

O.O. Sulaiman, A. Saman. A. Kader, Allan Magee, (2014), Risk Analysis of Offshore Aquaculture Ocean Plantation System, Australian Journal of Basic and Applied Sciences, 7(14) December 2013, Pages: 380-395

- O.O. Sulaiman, N. Sakinah, A.S.A. Kader, (2013), Qualitative Risk Analysis of Offshore Aquaculture System, Global Journal of Science and Frontiers Research Environment and Earth Science, 13, 1
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- O.O. Sulaiman, A.S.A.Kader, A.H. Saharuddin, WB.Wan Nik, (2011), Environmental Risk Compliance for Nature Gas Shi Design and Operation, Canadian Journal of Environment, Construction and Civil Engineering (CJECC), Vol 2, No.5, Pg 56-71
- O. O. Sulaiman, A.H. Saharuddin, (2011), Risk and Hazard Operability Process of Deep-Water Marine System, International Journal of Engineering and Technology (IJET). Vol 3, No. 4. Pg 359-368, <http://www.ijetch.org/abstract/253-T656.htm> Q4, H=3
- O. O. Sulaiman, A.H. Saharuddin, A.S.A.Kader, (2011), Sustainable Maintenance of Navigation Channel: The Case of Port Tanjung Pelepas (PTP) Port, Asian Social Science, December, 2011Vol. 7, No. 12. SCOPUS. <http://ccsenet.org/journal/index.php/ass/article/view/13431>
- O. O. Sulaiman, A.H. Saharuddin, A.S.A.Kader, (2011) Safety and Environmental Risk and Reliability Model for Inland Waterway Collision Accident Frequency. International Journal of Energy and Environment (IJEE). North Atlantic University Union, (NAUN), WSEAS. Issue 4, Vol. 5. Pg. 461-477. ISI, Thomson Scientific, EI, Emerald Abstracts, CSA (Cambridge Scientific Abstracts), <http://www.naun.org/journals/energyenvironment/20-030.pdf>, Q2, Q4 H=2
- O. O. Sulaiman, A.S.A.Kader, A.H. Saharuddin, (2011), Predictive and Reliability Based Collision Risk Aversion Model for Inland Waterways: The Case Frequency Estimation for Malaysian Langat River, Jurnal Mechanical, June 2011, No. 32, 38- 59. SCOPUS. [http://jurnalmekanikal.fkm.utm.my/UserFiles/file/Issue%2032/Predictive%20and%20Reliability\\_O\\_O\\_Sulaiman%20\\_Revision%202\\_.pdf](http://jurnalmekanikal.fkm.utm.my/UserFiles/file/Issue%2032/Predictive%20and%20Reliability_O_O_Sulaiman%20_Revision%202_.pdf)
- O. O. Sulaiman A.S.A.Kader, A.H. Saharuddin (2011), Collision Aversion Model for Inland Water Transportation: Cost Benefit Analysis Model, International Journal of Trade, Economic and Finance (IJTEF), Volume 2, No.1, February. Pg 24-31, IndexCopernicus (9). <http://www.ijtef.org/abstract/74-F493.htm>
- O. O. Sulaiman, A.SA.Kader (2011), Collision Damage Consequence Risk Reliability for Langat River (Malaysia) Sustainable Inland Water Transportation, Journal of Marine Technology and Environment. Vol 2. Pg 159-178. IC (4.97), CSA for Oceanic Abstract, CSA for Meteorological and Geophysics abstract, EBSCO, Transportation Research Information Service (TRIS), [http://www.cmu-edu.eu/jmte/JMTE\\_volIII\\_2011.pdf](http://www.cmu-edu.eu/jmte/JMTE_volIII_2011.pdf)
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- O. O. Sulaiman (2011), Collision Analysis: The case of Propulsion Failure, Journal of Marine Technology and Environment, Vol 1. Pg 113-120. IC (4.97), [http://www.cmu-edu.eu/jmte/JMTE\\_volI\\_2011.pdf](http://www.cmu-edu.eu/jmte/JMTE_volI_2011.pdf)
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- Saharuddin A.H., Balaji R. Sulaiman O. (2011), Effect of Training on Shipboard Oil Pollution Violations. Journal of Marine Technology and Environment. Vol 2. Pg 125.-136, [http://www.cmu-edu.eu/jmte/JMTE\\_volII\\_2011.pdf](http://www.cmu-edu.eu/jmte/JMTE_volII_2011.pdf)
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Environmental Abstracts, USA; Cambridge Sci. Abstracts, USA; Geosystems, UK; Materials Information, USA; Chemical Abstract. Q4, H=10

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O.O. Sulaiman, Allan Magee 2013, Modelling of Offshore Aquaculture Floating Structure for Macro Algae Oceanic Cultivation, Marine Technology and Sustainable Development, IGI Publisher (pages 157-176)

Ab Saman Ab Kader, O.O. Sulaiman, 2013, River Transportation Master Plan Study for Environmental Enhancement, Marine Technology and Sustainable Development, IGI Publisher (pages 178-184)

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Adi Maimun, Istaz F. Nursyirman, Ang Yit Sian, Rahimuddin Samad, O.O. Sulaiman Using AIS Data for Navigational Risk Assessment in Restricted Waters, Marine Technology and Sustainable Development, IGI Publisher (pages 245-254)

O.O. Sulaiman, Assessing Human Reliability Behaviour from Use of Technology for Ships Navigating within Coastal Water, Marine Technology and Sustainable Development, IGI Publisher (pages 264-276)

O. O. Sulaiman. A.S.A.Kader, A.H. Saharuddin (2010). Risk Approach for Potential of Solar, Hybrid and Conventional Power Multi- Hybrid for Sustainable Marne Power System, Journal Mechanical, December 2010, No. 31, Pg 78- 91. SCOPUS,

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### **Refereed Articles in Journals related to Marine and Maritime Technology, Inland water, Port, Coastal and Offshore**

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Lekatompessy D.R., Sulaiman O.O., De Lima E.J., Manuputty, M., (2013) Rubber as an Effective Vibration Absorber of Outboard Engine at Small Fishing Boats from the Human Health and Safety Point of View, Journal of Engineering, Computers and Applied Science, 2, 2

W.B. Wan Nik, O. Sulaiman, S.G. Eng Giap and R. Rosliza, A.S.A.Kader, Assessment of performance of Sodium Benzoate Corrosion Inhibitor performance on Q4, H=4 AA6063 in Seawater, Biosciences Biotechnology Research Asia, 10 (2), 53-61, ISI, Scopus, Q4, H=4

- O.O. Sulaiman, A. Magee, A.G Pauzi, (2013), Prediction of Environmental Current Drag Sensitivity on Oceanic Seaweed Aquaculture Farm, *Ocean Engineering*
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- O. O. Sulaiman, WB.Wan Nik, A.H. Saharuddin (2012), CFD Simulation for Cavitation Studies and Optimization of Propeller Blade, *Global Journal for Information Technology and Computer Science*, Vol, Issue, 1 Pg1-12
- O.O. Sulaiman, A. Magee, W.B. Wan Nik, A.S.A.Kader, A.H. Saharuddin (2012), Design of Offshore Aquaculture Floating Structure for Seaweed Ocean Farming, *Biotechnology, Bioscience Research Asia*, Vol 9(2), Pg 477-494, Q4, H=4
- O.O. Sulaiman, A.S.A.Kader, A.H. Saharuddin, WB.Wan Nik, (2011), Sustainable Periodic Navigation Channel Assessment Imitative for Restrictive Waterway. *Canadian Journal of Environment, Construction and Civil Engineering*, Vol 2, No.5. 2011. Pg 85-93. <http://www.ampublisher.com/June%202011/Canadian-Journal-Environmental-Construction-Civil-June-2011.html>
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- O.O. Sulaiman, Saharuddin A.H., (2011), Marine Engineering Career for Malaysian, *Business Management Dynamics (BMD)* Vol.1, No.2, Pg.01-10, IC, Ulrich, Contemporary science association, Cabell's directory, [http://bmdynamics.com/recent\\_issue.php?id=2](http://bmdynamics.com/recent_issue.php?id=2), And Geophysics abstract, EBSCO, Transportation Research Information Service (TRIS)
- WB Wan Nik, O Sulaiman, AF Ayob, MF Ahmad, MM Rahman, (2011), *International Journal of Engineering Research and Applications (IJERA)*, Vol. 2, Issue 1, Jan-Feb 2012, pp. 455- 458

WB Wan Nik, Zulkifli F., O Sulaiman, Samo, K.B., Rozliza R., (2011), Evaluation of Inhibitive action of SODIUM Benzoate on Corrosion behaviour of AA6063 in Seawater, International Journal of Technology, Vol. 1, Issue 1, Jan-Feb 2012, pp. 20- 28

Adi Maimun, Istaz F. Nursyirman, Ang Yit Sian, Rahimuddin Samad, O.O. Sulaiman Using AIS Data for Navigational Risk Assessment in Restricted Waters, Marine Technology and Sustainable Development, IGI Publisher (pages 245-254)

O.O. Sulaiman, Assessing Human Reliability Behaviour from Use of Technology for Ships Navigating within Coastal Water, Marine Technology and Sustainable Development, IGI Publisher (pages 264-276)

### **Refereed Articles in Journals Related to Marine Science, Fisheries and Water Resources and Environment**

Ariano, Andrea, Nadia Musco, Lorella Severino, Anna De Maio, Annabella Tramice, Giuseppina Tommonaro, Sara Damiano, Angelo Genovese, Oladokun S. Olanrewaju, Fulvia Bovera, and Giulia Guerriero. 2021. "Chemistry of Tropical Eucheumatoids: Potential for Food and Feed Applications" *Biomolecules* 11, no. 6: 804. <https://doi.org/10.3390/biom11060804>

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