

## Lucrări publicate în volumele conferințelor cotate ISI 2000 – 2008

### **2008**

1. Wave Energy Assessments in the Coastal Environment of Portugal Continental, Proceedings of the 27<sup>th</sup> International Conference on Offshore Mechanics and Arctic Engineering - OMAE2008, ASME, paper OMAE08-57820. <http://www.oaae.org/omaedatabase/omae08db.htm> Rusu, E., Guedes Soares C.,
2. Influence of the wind fields on the accuracy of numerical wave modelling in offshore locations, Proceedings of the 27<sup>th</sup> International Conference on Offshore Mechanics and Arctic Engineering - OMAE2008, ASME, Paper OMAE2008-57861. <http://www.oaae.org/omaedatabase/omae08db.htm> Rusu, L., Bernardino, M., Guedes Soares, C.,

### **2007**

1. Studies on the motion of a moored floating body, Maritime Industry, Ocean Engineering and Coastal Resources, Francis & Taylor publications, London, ISBN 978-0-415-45523-7, Vol. II, pp. 897-904. Strat, I., Matulea, I., Rusu, E., Ionita, B.,
2. Development of a Wave Prediction System for the Madeira Archipelago, Maritime Industry, Ocean Engineering and Coastal Resources, Francis & Taylor publications, London, ISBN 978-0-415-45523-7, Vol. II, pp. 787-799. Rusu, E., Pilar, P., Guedes Soares, C.
3. Experimental research regarding the evolution of some parameters of the superficial layer in low cycle fatigue process. Maritime Industry, Ocean Engineering and Coastal Resources, Francis & Taylor publications, London, ISBN 978-0-415-45523-7, Vol. I, pp. 219-224. Macuta, S., Rusu, E.,
4. Modelling of the wave-current interactions in the Tagus Estuary. Maritime Industry, Ocean Engineering and Coastal Resources, Editors Francis&Taylor, London, Vol. II, 801-810. Rusu, L., Guedes Soares, C.,
5. Stress analysis in pipe system of cargo transfer tankers installations, Maritime Industry, Ocean Engineering and Coastal Resources, Francis & Taylor publications, London, Vol. 1 Maritime Transportation, pg. 231-236, ISBN 13-978-0-415-45523-7. A. Murineanu, M. Modiga, A. Dimache,
6. Chatter Detection Using the Main Cutting Force (Extended Abstract), Annals of DAAAM for 2007 & Proceedings of the 18th International DAAAM Symposium, ISBN 3-901509-58-5, ISSN 1726-9679, pp 047-048, Editor B. Katalinic, Published by DAAAM International, Vienna, Austria 2007 Balan, G.C.; Epureanu, A.; Popa, R., Constantin, I.

### **2006**

1. The Middle Way of Surf Modeling, Proceedings of the 30th International Conference on Coastal Engineering, (ICCE 2006), 2-9 September, San Diego, USA. Published in Coastal Engineering World Scientific Pub Co Inc Published 2007/07, Vol. 1, pp. 1053-1065. [http://eproceedings.worldscinet.com/9789812709554/9789812709554\\_0090.html](http://eproceedings.worldscinet.com/9789812709554/9789812709554_0090.html) Conley, D.C., Rusu, E.,

### **2005**

1. Pipeline Installed by Free Immersion in the Black Sea Offshore Areas, Maritime Transportation and Exploitation of Ocean and Coastal Resources, Francis & Taylor publications, London, ISBN 13: 978-0-415-39036-1, Vol II, pp. 1431-1438. Matulea, I., Strat, I., Rusu, E.,
2. Some Considerations on Global Ship Vibration Analysis, Proceedings of The 11th International Maritime Association of the Mediterranean Congress – IMAM, 26-30 sept. 2005, Lisbon, Portugal, pp.373-378, vol.1, Chirica, I., Giuglea, V., Dumitriu, O., Pencu, P.R.,

- Ed. Taylor&Francis, ISBN 0 415 39036 2.
3. Optimum Design of Composite Ship Panels, Proceedings of The 11th International Maritime Association of the Mediterranean Congress – IMAM, 26-30 sept. 2005, Lisbon, Portugal, pp. 365-372, vol. 1, Ed. Taylor&Francis, ISBN 0 415 39036 2. Chirica, I., Gavrilescu, I., Boazu, D., Beznea, E.F.,
  4. Computational Strategies and Visualization Techniques for the Waves Modeling in the Portuguese Nearshore, Maritime Transportation and Exploitation of Ocean and Coastal Resources, Francis & Taylor publications, London, ISBN 13: 978-0-415-39036-1, Vol II, pp. 1129-1136. Rusu, E., Ventura Soares, C., Rusu, L.
  5. Tests of wave shoaling and surf models in a partially enclosed basin, Maritime Transportation and Exploitation of Ocean and Coastal Resources, Francis & Taylor publications, London, ISBN 13: 978-0-415-39036-1, Vol II, pp. 1015-1021. Conley, D.C., Rusu, E.
  6. Filling Gaps in Wave Records With Artificial Neural Networks, Maritime Transportation and Exploitation of Ocean and Coastal Resources, Francis & Taylor publications, London, ISBN 13: 978-0-415-39036-1, Vol II, pp. 1085-1091. Makarynskyy, O., Makarynska, D. Rusu, E., Gavrilov, A.,
  7. Some Considerations on the Structural Modelling Technique of Double Wall Structures, Proceedings of the 12<sup>th</sup> International Congress of the IMAM-2005, Lisbon, Portugal, 26-30 September. Dimache, A., Olaru, D., Modiga, M., Stoicescu, L.
  8. Reanalysis of the wave conditions in the approaches to the Portuguese port of Sines, *Maritime Transportation and Exploitation of Ocean and Coastal Resources*, Editors Francis&Taylor, London, Vol. II, 1137-1142. Rusu, L., Pilar, P., Guedes Soares, C.,
  9. Behaviour analysis of the ship panels made of composite materials, Proceedings of the 12<sup>th</sup> International Conference On Composites/Nano Engineering (ICCE - 12) August 1-6, 2005, Tenerife, Spain, Beznea, E.F., Chirica, I., Hui, D.
  10. Finite element model of quadrilateral plate used for composite panels, Proceedings of the 12<sup>th</sup> International Conference On Composites/Nano Engineering (ICCE - 12) August 1-6, 2005, Tenerife, Spain, Chirica, I., Hui, D., Beznea, E.F.,
  11. The monitoring of a lathe using an artificial neural network (1-st part), Annals of DAAAM for 2005 & Proceedings of the 16-th International DAAAM Symposium “Intelligent Manufacturing...”, ISSN 1726-9679, ISBN 3-901509-46-1, 19-22<sup>nd</sup> October 2005, Croatia, p. 019-020. G. Balan, A. Epureanu

## 2004

1. Extreme Events and Wave Forecast in the Iberian Nearshore, presented at the 29<sup>th</sup> International Conference on Coastal Engineering, ICCE2004, Lisbon, 19-24 September, published in Coastal Engineering World Scientific Pub Co Inc Published 2005, Vol. I, pp. 727-739.  
[http://eproceedings.worldscinet.com/9789812701916/9789812701916\\_0058.html](http://eproceedings.worldscinet.com/9789812701916/9789812701916_0058.html) Rusu, E., Soares, C.V., Pinto, J. P., Silva, R.
2. Evaluation of the Longshore Current for a Sector of the Portuguese West Coast: Application of Different Methodologies, presented at the 29<sup>th</sup> International Conference on Coastal Engineering, ICCE2004, Lisbon, 19-24 September, published in Coastal Engineering World Scientific Pub Co Inc Published 2005, Vol. II, pp. 1455-1467.  
[http://eproceedings.worldscinet.com/9789812701916/9789812701916\\_0116.html](http://eproceedings.worldscinet.com/9789812701916/9789812701916_0116.html) Silva, R., Jorge da Silva, A., Rusu, E., Oliveira, F., Larangeiro, S., Taborda R.,