Curriculum vitae Europass

Informaţii personale

Nume / Prenume	**RUSU, Liliana Celia**
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Naţionalitate(-tăţi)	Română
Data naşterii	11/01/1962

Experienţa profesională

Perioada	Martie 2016 - prezent
Funcţia sau postul ocupat	Profesor, Departamentul de Inginerie Mecanică http://www.im.ugal.ro/AcademicStaff.htm
Activităţi şi responsabilităţi principale	Cadru didactic, predare cursuri de: Mecanică, Modelări numerice în mecanica fluidelor, Modelare, simulare în dinamica sistemelor mecanice.
Numele şi adresa angajatorului	Universitatea Dunărea de Jos din Galaţi, Str. Domnească, Nr. 47, 800008 Galaţi, România
Tipul activităţii sau sectorul de activitate	Activitate didactică şi de cercetare în universitate publică
Perioada	Octombrie 2012 - Martie 2016
Funcţia sau postul ocupat	Conferenţiar, Departamentul de Inginerie Mecanică http://www.im.ugal.ro/AcademicStaff.htm
Activităţi şi responsabilităţi principale	Cadru didactic, predare cursuri la programe de licenţă şi master, îndrumare proiecte licenţă şi master. Predare cursuri de: Mecanică, Modelări numerice în mecanica fluidelor, Modelarea proceselor hidrodinamice, Modelarea fenomenelor termice si hidrodinamice, Modelare, simulare în dinamica sistemelor mecanice.
Numele şi adresa angajatorului	Universitatea Dunărea de Jos din Galaţi, Str. Domnească, Nr. 47, 800008 Galaţi, România
Tipul activităţii sau sectorul de activitate	Activitate didactică şi de cercetare în universitate publică
Perioada	Februarie 2004 – Octombrie 2012
Funcţia sau postul ocupat	Şef Lucrări, Departamentul de Mecanică Aplicată
Activităţi şi responsabilităţi principale	Cadru didactic, predare cursuri la programe de licenţă şi master, îndrumare proiecte licenţă şi master
Numele şi adresa angajatorului	Universitatea Dunărea de Jos din Galaţi, Str. Domnească, Nr. 47, 800008 Galaţi, România
Tipul activităţii sau sectorul de activitate	Activitate didactică şi de cercetare în universitate publică
Perioada	2016 - prezent
Funcţia sau postul ocupat	Profesor (colaborator) http://www.centec.ist.utl.pt/en/centec/personnel.aspx?id=1
Activităţi şi responsabilităţi principale	Activitate de cercetare: modelare valuri, analiză date, energie regenerabilă
Numele şi adresa angajatorului	Centre for Marine Technology and Ocean Engineering - CENTEC, Technical University of Lisbon 1, Rovisco Pais Street, 1049-001 Lisbon, Portugal
Tipul activităţii sau sectorul de activitate	Universitate publică – Centru de cercetare
Perioada	2001 - 2004

Funcţia sau postul ocupat	Cercetător
Activităţi şi responsabilităţi principale	Procesare şi analiză statistică a datelor înregistrate de reţeaua de balize a IH. Analiza evenimentelor extreme şi modelare numerică.
Numele şi adresa angajatorului	Instituto Hidrográfico - IH (Hydrographical Institute of the Portuguese Navy), 49, Rua das Trinas Street, 1249-093 Lisbon, Portugal
Tipul activităţii sau sectorul de activitate	Militar şi Cercetare
Perioada	1985 - 2001
Funcţia sau postul ocupat	Inginer
Activităţi şi responsabilităţi principale	Tehnologie şi proiectare
Numele şi adresa angajatorului	Şantierul naval DAMEN, Galaţi
Tipul activităţii sau sectorul de activitate	Construcţii şi reparaţii nave

Educaţie şi formare

Perioada	2015
Calificarea / diploma obţinută	Abilitare
Disciplinele principale studiate / competenţe profesionale dobândite	Titlul tezei: *Engineering applications with spectral phase averaged wave models*
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea Dunărea de Jos din Galaţi, Str. Domnească, Nr. 47, 800008 Galaţi, România
Perioada	2010 - 2014
Calificarea / diploma obţinută	Specializări Post-doc
Disciplinele principale studiate / competenţe profesionale dobândite	Asimilarea de date pentru predicţia valurilor în zone regionale Dezvoltarea unui sistem comun pentru previziunea valurilor şi evaluarea performanţelor la seakeeping ale navelor
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Centre for Marine Technology and Engineering - CENTEC, Technical University of Lisbon 1, Rovisco Pais Street, 1049-001 Lisbon, Portugal
Perioada	2004 - 2009
Calificarea / diploma obţinută	Doctor în domeniul Ştiinţe Inginereşti – Arhitectură Navală şi Inginerie Marină
Disciplinele principale studiate / competenţe profesionale dobândite	Studii privind modelarea valurilor în zonele costiere şi efectul curenţilor asupra valurilor, dinamica navei în valuri. Titlul tezei: *Wave modelling and ship response in coastal waters with currents*
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Technical University of Lisbon 1, Rovisco Pais Street, 1049-001 Lisbon, Portugal
Perioada	2002 - 2006
Calificarea / diploma obţinută	Doctor în domeniul Ştiinţe Inginereşti - Inginerie Mecanică
Disciplinele principale studiate / competenţe profesionale dobândite	Modelarea proceselor hidrodinamice, hidrodinamica fluidului cu suprafaţă liberă Titlul tezei: *Cercetări si contribuţii privind modelele spectrale si hamiltoniene aplicate în studiul dinamicii valurilor*
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Universitatea Dunărea de Jos din Galaţi, Str. Domnească, Nr. 111, 80008 Galaţi, România
Perioada	1980-1985
Calificarea / diploma obţinută	Diplomă de Inginer, specializarea Tehnologia Construcţiilor de Maşini
Numele şi tipul instituţiei de învăţământ / furnizorului de formare	Facultatea de Mecanică, Universitatea Dunărea de Jos din Galaţi, Str. Domnească, Nr. 111, 80008 Galaţi, România

Domenii de competenţă

- Mecanica Solidelor, Mecanica Fluidelor, Metode Numerice în Mecanica Fluidelor, Modelarea Proceselor Hidrodinamice, Hidrodinamica fluidului cu suprafaţă liberă, interacţiunea val-corp.
- Previziunea climatului de val în zonele costiere, dispozitive de măsurare 'in situ'; Metode spectrale şi statistice de analiză a datelor măsurate, analize climatologice; Generarea şi propagarea valurilor marine în apropierea ţărmului, interacţiunea dintre valuri şi curenţi: modelare matematică, simulări

Limba maternă	Română

Limba(i) străină(e) cunoscută(e)

Autoevaluare	Înţelegere				Vorbire				Scriere	
Nivel european (*)	Ascultare		Citire		Participare la conversaţie		Discurs oral		Exprimare scrisă	
Portugheză	C2	Util. experimentat	C2	Util. experimentat	C2	Util. experimentat	C2	Util. experimentat	C2	Util. experimentat
Engleză	C1	Util. experimentat	C1	Util. experimentat	C1	Util. experimentat	C1	Util. experimentat	C1	Util. experimentat
Franceză	B1	Util. independent	B1	Util. independent	A2	Util. elementar	A2	Util. elementar	A2	Util. elementar

(*) Cadrul european de referinţă pentru limbi

Competenţe şi abilităţi sociale

- Experienţă de lucru în echipă: am lucrat în diverse echipe de cercetare şi majoritatea publicaţiilor mele majore au fost realizate în echipă.
- Abilitate bună de adaptare la medii multiculturale, câştigate datorită experienţei mele de lucru în străinătate. Am desfăşurat activitate de cercetare ştiinţifică într-un centru de cercetare de prestigiu din Portugalia în care activează cercetători şi studenţi din diverse ţări ale lumii.
- Capacitate bună de comunicare: în primul rând sunt cadru didactic şi trebuie sa comunic cu grupe de studenţi (serii între 20 şi 150 de studenţi), deci comunicarea interumană este întrucâtva meseria mea. De asemenea am experienţă în participarea la manifestări internaţionale, în ultimii 5 ani am prezentat lucrări ştiinţifice în Portugalia, Spania, Bulgaria, Turcia, şi România.

Competenţe şi aptitudini organizatorice

Coordonare studenţi atât în România cât şi în Portugalia.
Am coordonat activitatea de implementare operaţională a modelului de valuri SWAN din cadrul proiectului MARPORT, CENTEC, Portugalia

Competenţe şi aptitudini tehnice

Utilizarea instrumentelor multimedia în activităţile de predare; Elaborarea de noi cursuri şi prezentarea de lucrări ştiinţifice la diferite conferinţe internaţionale; Simulări cu modele numerice

Competenţe şi aptitudini de utilizare a calculatorului

Competenţe în utilizarea Microsoft Office tools (Word, Excel, PowerPoint)
Competenţe în utilizarea softurilor grafice (Paint Shop Pro, Photo Shop)
Cunoştinţe avansate în utilizarea limbajului de programare Matlab
Multimedia, Internet, Sisteme de operare Windows şi Linux

Permis(e) de conducere

Categoria B

Informaţii suplimentare

Membru în asociații profesionale:

- Member of the marine knowledge expert group of the European Commission https://webgate.ec.europa.eu/maritimeforum/en/node/4129
- Consiliului Naţional de Etică a Cercetării Ştiinţifice, Dezvoltării Tehnologice şi Inovării http://cne.ancs.ro/membri-si-comisii/
- Membru în Comisia CNATDCU de Inginerie Aerospațială, Autovehicule și Transporturi http://www.cnatdcu.ro/paneluri-cnatdcu/incepand-cu-data-de-7-septembrie-2012/stiinte-ingineresti/comisia-de-inginerie-aerospatiala-autovehicule-si-transporturi/
- STSM Coordinator, WECANet COST Action 17105 https://www.cost.eu/actions/CA17105/#tabs|Name:overview
- OCEANEXPERT http://oceanexpert.org/viewMemberRecord.php?&memberID=14478
- IMAM – International Maritime Association of the Mediterranean, ART
- Member of the ICACER Conference Technical Committees (2016 - Bangkok, 2018 – Barcelona, 2019 - Coimbra) http://www.icacer.com/com.html
- Member of the ICPRE Conference Technical Committee (2018 – Berlin, 2019 - Chengdu, China) http://www.icpre.org/committee.html
- Advisory Committee, 2nd International Joint Conference on Clean Energy and Smart Grid (CCESG 2019) will be held in Phuket, Tailanda http://www.ccesg.org/commit.html
- International Scientific Advisory Committee, International Conference on Energy for Environmental and Economic Sustainability (2016 – Lahore) http://iceees2016.umt.edu.pk/committees.aspx
- Member of the Scientific Advisory Board of the 1st SDEWES Latin American Conference (2018), Rio de Janeiro, Brazilia http://www.rio2018.sdewes.org/sab.php
- Member of the Scientific Advisory Board of the 13th SDEWES Conference (2018), Palerrmo, Italia http://www.palermo2018.sdewes.org/sab.php
- Member of the Scientific Advisory Board of the 14th SDEWES Conference (2019), Dubrovnik, Croatia http://www.dubrovnik2019.sdewes.org/sab.php
- Editorial board of the journals: Renewable Energy Research, Journal of Marine Science and Engineering (indexed WoS) http://www.sciencepublishinggroup.com/journal/editorialboard?journalid=299 http://www.mdpi.com/journal/jmse/editors

	Diplome/Premii: - **Best paper Award 2018,** at 1st Latin americam Conference on Sustainable Development of Energy, Water and Envinroment Systems – LA SDEWES 2018, Rio de Janeiro, Brazil - **Best Paper Award 2014**, Recognition for acting as first author on a top cited paper, acordat de Elsevier și jurnalul *Renewable Energy*. https://www.researchgate.net/publication/281279053_RENE_Best_Paper_Award_Rusu_Liliana - **Premiul acordat în 2015 de UEFISCDI** în cadrul programului PN II pentru obţinerea atestatului de abilitare - **Premii acordate de UEFISCDI** în cadrul programului PN II pentru articole ştiinţifice**: 2010 și 2015** (autor unic), **în 2015** pentru un articol ştiinţific, autor principal - **Diploma 'Anghel Saligny'** pentru rezultate de excelenţă în funcţia didactică de conferenţiar, acordată de Consiliul Facultăţii de Inginerie, în anii 2013, 2014, 2015. - **Best oral presentation of Session 2,** International Conference on Advances on Clean Energy Research – ICACER2016. http://www.icacer.com/his.html **Researcher ID:** http://www.researcherid.com/rid/B-6823-2011 **H index = 17** **SCOPUS ID:** http://www.scopus.com/authid/detail.url?authorId=24067330300 **H index = 18** **Google:** https://scholar.google.com.br/citations?user=DUgsKoQAAAAJ&hl=ro&oi=ao **H index = 19** **ORCID:** http://orcid.org/0000-0002-8179-1347 **Researchgate**: https://www.researchgate.net/profile/Liliana_Rusu/?ev=hdr_xprf **Publons:** https://publons.com/researcher/1506682/liliana-rusu/ **Articol presă** http://www.viata-libera.ro/prima-pagina/77150-performante-universitare-internationale-o-familie-de-specialisti-galateni-studiaza-valurile
Anexe	Lista completă a lucrărilor şi proiectelor

ANEXĂ

LISTA LUCRĂRILOR ŞTIINŢIFICE

A1 Lucrări publicate in reviste cotate ISI

1. Rusu, L., Raileanu, A.B., Onea, F., 2018. A comparative analysis of the wind and wave climate in the Black Sea along the shipping routes. *Water* 10(7), AN 924, 18 pag. http://www.mdpi.com/2073-4441/10/7/924
2. Rusu, L., Ganea, D., Mereuta, E., 2018. A joint evaluation of wave and wind energy resources in the Black Sea based on 20-year hindcast information. *Energy Exploration & Exploitation* 36(2), 335-351. http://journals.sagepub.com/doi/full/10.1177/0144598717736389
3. Ganea, D., Mereuta, E., Rusu, L., 2018. Estimation of the Near Future Wind Power Potential in the Black Sea. *Energies* 11(11), AN 3198, 21 pag. https://www.mdpi.com/1996-1073/11/11/3198 https://doi.org/10.3390/en11113198
4. Onea, F., Rusu, L., 2018. Evaluation of Some State-Of-The-Art Wind Technologies in the Nearshore of the Black Sea. *Energies* 11(9), AN 2452, 16 pag. https://www.mdpi.com/1996-1073/11/9/2452
5. Rata, V., Gasparotti, C., Rusu, L., 2018. Ballast Water Management in the Black Sea's Ports. Journal of Marine Science and Engineering 6(2), AN 69, 10 pag. http://www.mdpi.com/2077-1312/6/2/69
6. Rusu, L., Onea, F., 2017. The performance of some state-of-the-art wave energy converters in locations with the worldwide highest wave power. *Renewable and Sustainable Energy Reviews* 75, 1348-1362. http://dx.doi.org/10.1016/j.rser.2016.11.123
7. Onea, F., Rusu, L., 2017. A long-term assessment of the Black Sea wave climate. *Sustainability* 9(10), 1875. http://www.mdpi.com/2071-1050/9/10/1875
8. Bernardino, M., Rusu, L., Guedes Soares, C., 2017. Evaluation of the wave energy resources in the Cape Verde Islands. *Renewable Energy* 101, 316-326. http://dx.doi.org/10.1016/j.renene.2016.08.040
9. Almeida, S., Rusu, L., Guedes Soares, C., 2016. Data assimilation with the ensemble Kalman filter in a high-resolution wave forecasting model for coastal areas. *Journal of Operational Oceanography* 9(2), 1-21. http://dx.doi.org/10.1080/1755876X.2016.1244232
10. Onea, F., Deleanu, L., Rusu, L., Georgescu, C., 2016. Evaluation of the wind energy potential along the Mediterranean Sea coasts. *Energy Exploration & Exploitation*, 34 (5), 766-792. http://dx.doi.org/10.1177/0144598716659592
11. Rusu, L., 2015. Assessment of the Wave Energy in the Black Sea Based on a 15-Year Hindcast with Data Assimilation. *Energies*, 8 (9), 10370-10388. http://dx.doi.org/10.3390/en80910370
12. Rusu, L., Butunoiu, D., 2015. Numerical modelling of the wave propagation close to the Sacalin island in the Black Sea. *Journal of Marine Science and Technology – Taiwan* 23 (5), 669-677. http://jmst.ntou.edu.tw/marine/23-5/669-677.pdf
13. Rusu, L., Guedes Soares, C., 2015. Impact of assimilating altimeter data on wave predictions in the western Iberian coast. *Ocean Modelling* 96, 126-135. http://dx.doi.org/10.1016/j.ocemod.2015.07.016
14. Rusu, L., Onea, F., 2015. Assessment of the performances of various wave energy converters along the European continental coasts. Energy 82, 889-904. http://dx.doi.org/10.1016/j.energy.2015.01.099
15. Ivan, A., Rusu, L., 2015. Validation of the SWAN model for the influence of opposite currents on the wave spectra. *Environmental Engineering and Management Journal* 14(4), 751-761.. http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol14/no4/5_564_Ivan_11.pdf
16. Omer, I., Mateescu, R., Rusu, L., Niculescu, D., Vlasceanu, E., 2015. Coastal works extensions on the romanian touristic littoral, its ecological impacts on the nearshore bathing areas. *Journal of Environmental Protection and Ecology* 16(2), 424-433. http://www.jepe-journal.info/journal-content/vol-16-no-2-2015
17. Rusu, L., Guedes Soares, C., 2014. Local data assimilation scheme for wave predictions close to the Portuguese ports. *Journal of Operational Oceanography* 7(2), 45-57. http://www.tandfonline.com/doi/abs/10.1080/1755876X.2014.11020158
18. Rusu, L., Guedes Soares, C., 2014. Forecasting fishing vessel responses in coastal areas. *Journal of Marine Science and Technology* 19 (2), 215-227. http://dx.doi.org/10.1007/s00773-013-0241-2
19. Rusu, L., Butunoiu, D., Rusu, E., 2014. Analysis of the extreme storm events in the Black Sea considering the results of a ten-year wave hindcast. *Journal of Environmental Protection and Ecology* 15 (2), 445-454. http://www.jepe-journal.info/vol-15-no-2-2014
20. Rusu, L., Bernardino, M., Guedes Soares, C., 2014. Wind and wave modelling in the Black Sea. *Journal of Operational Oceanography* 7(1), 5-20. http://www.tandfonline.com/doi/abs/10.1080/1755876X.2014.11020149
21. Gasparotti, C., Rusu, L., 2014. Prediction of the dynamic responses for two containerships operating in the Black Sea. *Journal of Naval Architecture and Marine Engineering* 11 (1), 55-68. http://dx.doi.org/10.3329/jname.v11i1.17289
22. Rusu, L., Butunoiu, D., 2014. Evaluation of the wind influence in modeling the Black Sea wave conditions. *Environmental Engineering and Management Journal* 13 (2), 305-314. http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol13/no2/10_573_Rusu_11.pdf

23. Rusu, L., Guedes Soares, C., 2013. Evaluation of a high-resolution wave forecasting system for the approaches to ports. *Ocean Engineering* 58, 224-238. http://dx.doi.org/10.1016/j.oceaneng.2012.11.008

24. Rusu, L., Guedes Soares, C., 2012. Wave energy assessments in the Azores islands. *Renewable Energy* 45, 183-196. http://dx.doi.org/10.1016/j.renene.2012.02.027

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26. Rusu, L., Guedes Soares, C., 2011. Modelling the wave–current interactions in an offshore basin using the SWAN model. *Ocean Engineering* 33(1), 63-76. http://dx.doi.org/10.1016/j.oceaneng.2010.09.012

27. Guedes Soares, C., Rusu, L., Bernardino, M., Pilar, P., 2011. An operational wave forecasting system for the Portuguese continental coastal area. *Journal of Operational Oceanography* 4 (2), 17-27. http://www.tandfonline.com/doi/abs/10.1080/1755876X.2011.11020124

28. Rusu, L., 2010. Application of numerical models to evaluate oil spills propagation in the coastal environment of the Black Sea. *Journal of Environmental Engineering and Landscape Management* 18 (4), 288-295. http://www.tandfonline.com/doi/abs/10.3846/jeelm.2010.33

29. Rusu, L., Ivan, A., 2010. Modelling Wind Waves in the Romanian Coastal Environment. *Environmental Engineering and Management Journal* 9(4), 547-552. http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol9/no4/18_2_Rusu_10.pdf

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32. Rusu, E., Silva, R., Soares, C.V., Rusu, L., 2003. Wave Forecast in the Coastal Environment Affected by M/V Prestige Breakdown, paper presented at the *4th Symposium on the Atlantic Iberian Continental Margin*, Vigo, Spain, 7-10 July, published in *Thalassas – An International Journal of Marine Science*, 161-162. http.//webs.uvigo.es/thalassas/thalassas_marco%20principal.htm

A2 Cărţi

1. Rusu, L., Raileanu, A., Onea, F., 2016. Asimilarea de date cu aplicaţii la predicţia climatului de val în bazinul Mării Negre. Ed. Zigotto, Galaţi, 300p, ISBN 978-606-669-182-6.
2. Rusu, L., 2015. Mecanică - Statica, Noţiuni teoretice şi aplicaţii. Editura Zigotto Galaţi, 192p, ISBN 978-606-669-140-6.
3. Rusu, L., Ivan, A., 2011. Modelarea proceselor hidrodinamice în zonele de deltă şi estuar. Editura AGIR, Seria: Studii şi cercetări, Bucureşti, 160p, ISBN 978-973-720-365-6. http://www.agir.ro/carte/modelarea-proceselor-hidrodinamice-in-zonele-de-delta-si-estuar-111111.html
4. Matulea, I., Slamnoiu, G., Popa, V., Rusu, L., Nastase, I., Oancea, G., 2007. Modele spectrale şi probabilistice în tehnologia marină, Editura Fundaţiei Universitare *"Dunărea de Jos"* Galaţi, 248p, ISBN978-973-627-366-7.

A3 Capitole de cărţi

1. Rusu, L., Bernardino, M., Guedes Soares, C., 2018. Analysis of extreme storms in the Black Sea. *Progress in Maritime Engineering and Technology – Guedes Soares & Santos (Eds.)*, Taylor & Francis Group, London, 699-704.
2. Rusu, L., 2018. Evaluation of the accuracy of the spectral models in predicting the storm events in the Black Sea. *Maritime Transportation and Harvesting of Sea Resources – Guedes Soares & Teixeira (Eds)*), Taylor & Francis Group, London, 1105-1110.
3. Rusu, L., Gonçalves, M., Guedes Soares, C., 2018. Prediction of storm conditions using wind data from the ECMWF and NCEP reanalysis. *Maritime Transportation and Harvesting of Sea Resources – Guedes Soares & Teixeira (Eds)*), Taylor & Francis Group, London, 1111-1117.
4. Rusu, L., Guedes Soares, C., 2016. Comparison of various data assimilation methods to improve the wave predictions in the Portuguese coastal environment. *Maritime Technology and Engineering 3* – Guedes Soares & Santos (Eds), Taylor & Francis Group, London, 1087-1093.
5. Guedes Soares, C., Salvação, N., Gonçalves, M., Rusu, L., 2016. Validation of an operational wave forecasting system for the North Atlantic area. *Maritime Technology and Engineering 3* – Guedes Soares & Santos (Eds), Taylor & Francis Group, London, 1037-1043.
6. Rusu, L., Guedes Soares, C., 2015. Application of data assimilation for improving the predictions of storm conditions close to the West Iberian coast, *Towards Green Marine Technology and Transport* - Guedes Soares, Dejhalla, & Pavletic (Eds), CRC Press, Taylor & Francis Group, London, 795-800. https://www.crcpress.com/Towards-Green-Marine-Technology-and-Transport/Soares-Dejhalla-Pavletic/9781138028876
7. Răileanu, A., Rusu, L., Rusu, E., 2015. Wave modelling with data assimilation in the Romanian nearshore. *Towards Green Marine Technology and Transport* - Guedes Soares, Dejhalla, & Pavletic (Eds), CRC Press, Taylor & Francis Group, London, 837-843. https://www.crcpress.com/Towards-Green-Marine-Technology-and-Transport/Soares-Dejhalla-Pavletic/9781138028876
8. Rusu, L., Ponce de Léon, S., Guedes Soares, C., 2015. Numerical modelling of the North Atlantic storms affecting the West Iberian coast, *Maritime Technology and Engineering* – Guedes Soares & Santos (Eds), CRC Press, Taylor & Francis Group, London, Vol 2, 1365-1370. http://www.crcpress.com/product/isbn/9781138027275
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2008 – 2011: NEARPORT – Development of a real-time nearshore wave prediction system for the Portuguese ports, at CENTEC - Center for Marine Technology and Ocean Engineering, University of Lisbon, Portugal.http://www.centec.ist.utl.pt/nearport/en/home.aspx

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