

**Attached List of Hetero-Citations**

for the Curriculum Vitae of Dr. Christos V. Makris

**HETERO-CITATIONS PER PUBLICATION\* (Total: 466)**

\*the code numbers of the publications correspond to their numbering in the Curriculum Vitae of Dr. Christos V. Makris

**A.1.1.**

- 1) Justine Y.E.D., Seenath A. (2024). Vegetative nature-based solutions for coastal flood risk management: Benefits, challenges, and uncertainties. *Ocean & Coastal Management*, Vol 261, 107520. <https://doi.org/10.1016/j.ocecoaman.2024.107520>
- 2) Ahmed, T. Cucco, A. Quattrocchi, G. Creedon, L. Anton, I. Bondoni, M. Taddei, S. Brandini, C. Gharbia, S. (2024). Assessing Basin Scale Modelling for Projecting Storm Surge Extremes Under Climate Change Scenarios in Northwest Ireland. Available at SSRN: <http://dx.doi.org/10.2139/ssrn.5041517>
- 3) Romero-Martín, R., Sanuy, M. & Jiménez, J.A. (2024). Unveiling the role of storm surges as a driver of flooding on the western Mediterranean: a case study of the Ebro Delta. *Natural Hazards*. <https://doi.org/10.1007/s11069-024-06984-5>
- 4) Agulles, M., Marcos, M., Amores A. et al. (2024). Storm surge modelling along European coastlines: The effect of the spatio-temporal resolution of the atmospheric forcing. *Ocean Modelling*, <https://doi.org/10.1016/j.ocemod.2024.102432>
- 5) Denamiel, C. L., Tojčić, I., and Pranić, P. (2024). A New Vision of the Adriatic Dense Water Future under Extreme Warming, EGUsphere [preprint], <https://doi.org/10.5194/egusphere-2024-2524>
- 6) Moulin, A., Mentaschi, L., Clementi, E., Verri, G., & Mercogliano, P. (2024). Projections of the Adriatic wave conditions under climate changes. *Frontiers in Climate*, 6, 1409237. <https://doi.org/10.3389/fclim.2024.1409237>
- 7) Tokat, E. and Beşiktepe, Ş.T. (2024). Characteristics of Sea Surface Temperatures, Marine Heatwaves, and Marine Cold Spells Across Interconnected Seas: Southwest Black Sea, Marmara Sea, and North Aegean Sea. Available at SSRN: <http://dx.doi.org/10.2139/ssrn.4869597>
- 8) Nastos, P., & Saaroni, H. (2024). Living in Mediterranean cities in the context of climate change: A review. *International Journal of Climatology*, 1–22. <https://doi.org/10.1002/joc.8546>
- 9) Ghanavati, M., Young, I., Kirezci, E., & Liu, J. (2024). The impact of long-term changes in ocean waves and storm surge on coastal shoreline change: A case study of Bass Strait and south-east Australia. *Natural Hazards and Earth System Sciences Discussions*, 1-24. <https://nhess.copernicus.org/articles/24/2175/2024/nhess-24-2175-2024.html>
- 10) Kostas, T. (2024). Energy upgrade of a school building. The case of the high school of Kali, Pella. MS Thesis, University Center of International Programmes of Studies, School of Science and Technology, International Hellenic University. <https://repository.ihu.edu.gr/xmlui/handle/11544/30423>

- 11) Iggabel, M., Yates, M., Vousdoukas, M., & Diab, Y. (2024). A systemic and comprehensive assessment of coastal hazard changes: method and application to France and its overseas territories. *Nat. Hazards Earth Syst. Sci.*, 24, 1951–1974. <https://doi.org/10.5194/nhess-24-1951-2024>
- 12) Escalera-Vázquez, L. H., Martínez-Servín, F., & Arceo-Carranza, D. (2024). Fish assemblage structure related to habitat heterogeneity in rocky reefs in the Mexican Pacific coast. *Neotropical Ichthyology*, 22(02), e230040. <https://doi.org/10.1590/1982-0224-2023-0040>
- 13) Batzakis, D.V., Karymbalis, E., & Tsanakas, K. (2024). Assessing coastal vulnerability to climate change-induced hazards in the Eastern Mediterranean: A comparative review of methodological approaches. In book: *Geographical Information Science, Case Studies in Earth and Environmental Monitoring*. doi:10.1016/B978-0-443-13605-4.00013-8
- 14) Janafza, S. (2024). *Risultati sull'impatto degli scenari attuali e futuri degli eventi naturali nel Comune di Sestri Levante* (Results on the impact of current and future scenarios of natural events in the municipality of Sestri Levante). MSc Thesis, University of Genoa. [URL](#)
- 15) Amarouche, K., Akpınar, A. (2024). Wind-Sea and Swell Climate in the Black and Azov Seas, Based on 42-Year Spectral Wave Hindcast. *Applied Ocean Research*, 151(1):104155 [doi:10.1016/j.apor.2024.104155](https://doi.org/10.1016/j.apor.2024.104155)
- 16) Velegrakis, A.F. et al. (2024). Coastal Hazards and Related Impacts in Greece. In: Darques, R., Sidiropoulos, G., Kalabokidis, K. (eds) *The Geography of Greece*. World Regional Geography Book Series. Springer, Cham. [https://doi.org/10.1007/978-3-031-29819-6\\_21](https://doi.org/10.1007/978-3-031-29819-6_21)
- 17) Baldoni A, Melito L, Marini F, Galassi G, Giacomini P, Filomena G, Barbizzi N, Lorenzoni C and Brocchini M (2024) Modeling coastal inundation for adaptation to climate change at local scale: the case of Marche Region (central Italy). *Front. Clim.* 6:1334625. [doi:10.3389/fclim.2024.1334625](https://doi.org/10.3389/fclim.2024.1334625)
- 18) Houdard C. (2023). Analyse de solutions pour limiter l'érosion externe du talus arrière d'une digue en terre soumise à la houle : une approche basée sur la théorie des copules et l'analyse de sensibilité globale. PhD Thesis. Mécanique des fluides [physics.class-ph]. Université Gustave Eiffel, 2023. Français. [URL](#)
- 19) Falciano, A., Anzidei, M., Greco, M., Trivigno, M.L., Vecchio, A., Georgiadis, C., Patias, P., Crosetto, M., Navarro, J., Serpelloni, E. et al. (2023). The SAVEMEDCOASTS-2 webGIS: The Online Platform for Relative Sea Level Rise and Storm Surge Scenarios up to 2100 for the Mediterranean Coasts. *J. Mar. Sci. Eng.*, 11, 2071. <https://doi.org/10.3390/jmse11112071>
- 20) Santos-Echeandía J., Bernárdez P., Sánchez-Marín P. (2023). Trace metal level variation under strong wind conditions and sediment resuspension in the waters of a coastal lagoon highly impacted by mining activities. *Science of The Total Environment*, Vol. 905, December 2023, 167806. <https://doi.org/10.1016/j.scitotenv.2023.167806>
- 21) Ghanavati, M., Young, I., Kirezci, E. et al. (2023). An assessment of whether long-term global changes in waves and storm surges have impacted global coastlines. *Sci Rep* 13, 11549. [doi:10.1038/s41598-023-38729-y](https://doi.org/10.1038/s41598-023-38729-y)
- 22) Monioudi IN, Velegrakis AF, Chatzistratis D, Vousdoukas MI, Savva C, Wang D, Bove G, Mentaschi L, Paprotny D, Morales-Nápoles O, Chatzipavlis AE, Hasiotis T and Manoutsoglou E (2023). Climate change - induced hazards on touristic island beaches: Cyprus, Eastern Mediterranean. *Front. Mar. Sci.* 10:1188896. [doi:10.3389/fmars.2023.1188896](https://doi.org/10.3389/fmars.2023.1188896)

- 23) Malliouri DI, Moraitis V, Petrakis S, Vandarakis D, Hatiris G-A, Kapsimalis V. (2023). A Non-Stationary and Directional Probabilistic Analysis of Coastal Storms in the Greek Seas. *Water*, 15(13):2455. <https://doi.org/10.3390/w15132455>
- 24) Agulles Gámez, M., 2023. *Coastal hazards under climate change. The case of the Balearic Islands*. Doctoral Thesis, Universitat de les Illes Balears. [URL](#)
- 25) Elsen, P.R., Oakes, L.E., Cross, M.S., DeGemmis, A., Watson, J.E., Cooke, H.A., Darling, E.S., Jones, K.R., Kretser, H.E., Mendez, M. and Surya, G., 2023. Priorities for embedding ecological integrity in climate adaptation policy and practice. *One Earth*, 6(6), pp.632-644. <https://doi.org/10.1016/j.oneear.2023.05.014>
- 26) Mel RA, Lo Feudo T., Miceli M., Sinopoli S., Maiolo M. (2023). A coupled wave-hydrodynamical model to assess the effect of Mediterranean storms under climate change: the Calabaia case study. *Dynamics of Atmospheres and Oceans*, 101368. [doi:10.1016/j.dynatmoce.2023.101368](https://doi.org/10.1016/j.dynatmoce.2023.101368)
- 27) Papasarafianou, S., Gkaifyllia, A., Iosifidi, A-E., Sahtouris, S., Wulf, N., Culibrk, A., Stamataki, M-D., Chatzivasileiou, T., Siarkos, I., Rouvenaz, C., et al. (2023). Vulnerability of Small Rivers Coastal Part Due to Floods: The Case Study of Lesvos West—North Coast. *Environ. Sci. Proc.*, MDPI, 5. <https://doi.org/10.3390/xxxxx>
- 28) Lionello, P., Sannino, G. and Vilibic, I. (2023). Surface wave and sea surface dynamics in the Mediterranean. *Oceanography of the Mediterranean Sea, An Introductory Guide*. Book Chapter, Elsevier, pp. 161-207. [doi:10.1016/B978-0-12-823692-5.00007-8](https://doi.org/10.1016/B978-0-12-823692-5.00007-8)
- 29) Sarkar, N., Rizzo, A., Vandelli, V., Soldati, M. (2022). A Literature Review of Climate-Related Coastal Risks in the Mediterranean, a Climate Change Hotspot. *Sustainability*, 14, 15994. [doi:10.3390/su142315994](https://doi.org/10.3390/su142315994)
- 30) Ali, E., W. Cramer, J. Carnicer, E. Georgopoulou, N.J.M. Hilmi, G. Le Cozannet, and P. Lionello, 2022: Cross-Chapter, Paper 4: Mediterranean Region. *In: Climate Change 2022: Impacts, Adaptation and Vulnerability*. Contribution of Working Group II to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [H.-O. Pörtner, D.C. Roberts, M. Tignor, E.S. Poloczanska, K. Mintenbeck, A. Alegría, M. Craig, S. Langsdorf, S. Löschke, V. Möller, A. Okem, B. Rama (eds.)]. Cambridge University Press, Cambridge, UK and New York, NY, USA, pp. 2233–2272. [doi:10.1017/9781009325844.021](https://doi.org/10.1017/9781009325844.021)
- 31) Šepić, J., Pasarić, M., Međugorac, I., Vilibić, I., Karlović, M., Mlinar, M. (2022). Climatology and process-oriented analysis of the Adriatic sea level extremes, *Progress in Oceanography*. [doi:10.1016/j.pocean.2022.102908](https://doi.org/10.1016/j.pocean.2022.102908)
- 32) Pepi Y., Streicher M., Ricci C., Franco L., Bellotti G., Hughes S., Troch P. (2022). The effect of variations in water level on wave overtopping discharge over a dike: An experimental model study, *Coastal Engineering*, 104199. [doi:10.1016/j.coastaleng.2022.104199](https://doi.org/10.1016/j.coastaleng.2022.104199)
- 33) Jardine A. (2022). *A Multidisciplinary Analysis of Coastal Storms in Western Britain, 1800-2020*. PhD thesis, University of York. <https://etheses.whiterose.ac.uk/32453/>
- 34) Saviano S, Biancardi AA, Uttieri M, Zambianchi E, Cusati LA, Pedroncini A, Contento G, Cianelli D. (2022). Sea Storm Analysis: Evaluation of Multiannual Wave Parameters Retrieved from HF Radar and Wave Model. *Remote Sensing*. 14(7):1696. [doi.org/10.3390/rs14071696](https://doi.org/10.3390/rs14071696)

- 35) Mel, R.A., Lo Feudo, T., Miceli, M., Sinopoli, S. and Maiolo, M. (2022). A coupled modelling system to assess the effect of Mediterranean storms under climate change. *Natural Hazards and Earth System Sciences Discussions*, pp.1-31. doi:10.5194/nhess-2022-67
- 36) Toomey, T., Amores, A., Marcos, M., Orfila, A. and Romero, R. (2022). Coastal hazards of tropical - like cyclones over the Mediterranean Sea. *Journal of Geophysical Research: Oceans*, p.e2021JC017964. doi:10.1029/2021JC017964
- 37) Menicagli, V., De Battisti, D., Balestri, E., Federigi, I., Maltagliati, F., Verani, M., Castelli, A., Carducci, A. and Lardicci, C. (2022). Impact of storms and proximity to entry points on marine litter and wrack accumulation along Mediterranean beaches: Management implications. *Science of The Total Environment*, p.153914. doi:10.1016/j.scitotenv.2022.153914
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- 41) Goyetche T. (2021). *Seawater Intrusion, transition zone dynamics and reactive mixing: Example of Argenton coastal alluvial aquifer*. Ph.D. Thesis, Hydrogeology Group (GHS), Institute of Environmental Assessment and Water Research (IDAEA, CSIC), Department of Civil and Environmental Engineering (DECA). <http://hdl.handle.net/10803/674441>
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- 47) Amarouche K., Akpınar A., Soran M. B., Myslenkov S., Majidi A.G., Kankala M., Arkhipkin V. (2021). Spatial calibration of an unstructured SWAN model forced with CFSR and ERA5 winds for the Black and Azov Seas. *Applied Ocean Research*, Elsevier, Vol. 117, 102962. [doi:10.1016/j.apor.2021.102962](https://doi.org/10.1016/j.apor.2021.102962)
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- 51) Mel R. A. (2021). Exploring the partial use of the Mo.S.E. system as effective adaptation to rising flood frequency of Venice, *Nat. Hazards Earth Syst. Sci.*, 21, 3629–3644, [doi:10.5194/nhess-21-3629-2021](https://doi.org/10.5194/nhess-21-3629-2021).
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- 53) Spinosa A, Ziemba A, Saponieri A, Damiani L, El Serafy G. (2021). Remote Sensing-Based Automatic Detection of Shoreline Position: A Case Study in Apulia Region. *Journal of Marine Science and Engineering*, 9(6):575. [doi:10.3390/jmse9060575](https://doi.org/10.3390/jmse9060575)
- 54) Sancho-García, A., Guillén, J., Gracia, V., Rodríguez-Gómez, A.C. and Rubio-Nicolás, B. (2021). The Use of News Information Published in Newspapers to Estimate the Impact of Coastal Storms at a Regional Scale. *Journal of Marine Science and Engineering*, 9(5), p.497. [doi:10.3390/jmse9050497](https://doi.org/10.3390/jmse9050497)
- 55) Lazarus, E.D. and Ziros, L.A. (2021). Yachts and marinas as hotspots of coastal risk. *Anthropocene Coasts*, 4(1), pp.61-76. [doi:10.1139/anc-2020-0012](https://doi.org/10.1139/anc-2020-0012)
- 56) Martzikos, N.T., Prinós, P.E., Memos, C.D. and Tsoukala, V.K. (2020). Statistical analysis of Mediterranean coastal storms. *Oceanologia*. [doi:10.1016/j.oceano.2020.11.001](https://doi.org/10.1016/j.oceano.2020.11.001)
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