

Referencias

- Adger, Neil. W., & Poulchin, J. M. (2014). Human security. En *Climate change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* (pp. 755-791).
- Albrecht, F., & Shaffer, G. (2016). Regional Sea-Level Change along the Chilean Coast in the 21st Century. *Journal of Coastal Research*, 32(6), 1322-1332.
<https://doi.org/10.2112/JCOASTRES-D-15-00192.1>
- Arns, A., Dangendorf, S., Jensen, J., Talke, S., Bender, J., & Pattiaratchi, C. (2017). Sea-level rise induced amplification of coastal protection design heights. *Scientific Reports*, 7. <https://doi.org/10.1038/srep40171>
- Blunden, J., & Boyer, T. (2021). State of the climate in 2020. En *Bulletin of the American Meteorological Society* (Vol. 102, Número 8, pp. 1-481). American Meteorological Society. <https://doi.org/10.1175/2021BAMSStateoftheClimate.1>
- Brown, S., Nicholls, R. J., Hanson, S., Brundrit, G., Dearing, J. A., Dickson, M. E., Gallop, S. L., Gao, S., Haigh, I. D., Hinkel, J., Jiménez, J. A., Klein, R. J. T., Kron, W., Lázár, A. N., Neves, C. F., Newton, A., Pattiaratchi, C., Payo, A., Pye, K., ... Woodroffe, C. D. (2014). Shifting perspectives on coastal impacts and adaptation. En *Nature Climate Change* (Vol. 4, Número 9, pp. 752-755). Nature Publishing Group.
<https://doi.org/10.1038/nclimate2344>
- Caba, C. (2016). FACULTAD DE INGENIERÍA Memoria del proyecto para optar al Título de Ingeniero Civil Oceánico.
- Carvajal, M., Contreras-López, M., Winckler, P., & Sepúlveda, I. (2017). Meteotsunamis Occurring Along the Southwest Coast of South America During an Intense Storm.

Pure and Applied Geophysics, 174(8), 3313-3323.

<https://doi.org/10.1007/s00024-017-1584-0>

Carvajal, M., Hidalgo, R., Henriquez, C., Arenas, F., Rangel-Buireago, N., & Contreras, M.

(2019). *La zona costera en Chile: Adaptación y planificación en resiliencia.*

Castellanos, E., Lemos, M. F., Astigarraga, L., Chacón, N., Cuvi, N., Huggel, C., Miranda, L.,

Vale, M. M., Ometto, J. P., Peri, P. L., Postigo, J. C., Ramajo, L., Roco, L., Rusticucci,

M., Pörtner, H.-O., Roberts, D. C., Tignor, M., Poloczanska, E. S., Mintenbeck, K.,

... Rama, B. (2022). To the Sixth Assessment Report of the Intergovernmental Panel

on Climate Change [. 1689-1816. <https://doi.org/10.1017/9781009325844.014>

Castillo, V. J., & Flory, Q. (2013). Universidad de los Andes. *Revista Geográfica Venezolana*,

54(1), 47-65.

Ciampa, F., Seifollahi-Aghmiuni, S., Kalantari, Z., & Ferreira, C. S. S. (2021). Flood

mitigation in mediterranean coastal regions: Problems, solutions, and

stakeholder involvement. *Sustainability (Switzerland)*, 13(18).

<https://doi.org/10.3390/su131810474>

Contreras, Y., Neville, L., & González, R. (2019). In-formality in access to housing for

Latin American migrants: A case study of an intermediate Chilean city.

International Journal of Housing Policy, 19(3), 411-435.

<https://doi.org/10.1080/19491247.2019.1627841>

CREDEN. (2016). *Hacia un Chile resiliente frente a desastres; una oportunidad.*

Dall'Osso, F., Dominey-Howes, D., Tarbotton, C., Summerhayes, S., & Withycombe, G.

(2016). Revision and improvement of the PTVA-3 model for assessing tsunami

building vulnerability using “international expert judgment”: Introducing the

PTVA-4 model. *Natural Hazards*, 83(2), 1229-1256.

<https://doi.org/10.1007/s11069-016-2387-9>

- Donchyts, G., Baart, F., Winsemius, H., Gorelick, N., Kwadijk, J., & van de Giesen, N. (2016). Earth's surface water change over the past 30 years. *Nature Climate Change*, 6, 810–813. <https://doi.org/10.1038/nclimate3111>
- Dong, W. S., Ariffin, E. H., Saengsupavanich, C., Rashid, M. A. M., Shukri, M. H. M., Ramli, M. Z., Miskon, M. F., Jeofry, M. H., Yunus, K., Ghazali, N. H. M., Ghazali, N. H. M., & Noh, M. N. M. (2023). Adaptation of coastal defence structure as a mechanism to alleviate coastal erosion in monsoon dominated coast of Peninsular Malaysia. *Journal of Environmental Management*, 333. <https://doi.org/10.1016/j.jenvman.2023.117391>
- Ekmekcioğlu, Ö., Koc, K., & Özger, M. (2022). Towards flood risk mapping based on multi-tiered decision making in a densely urbanized metropolitan city of Istanbul. *Sustainable Cities and Society*, 80. <https://doi.org/10.1016/j.scs.2022.103759>
- FEMA P-55. (2011). *Coastal Construction Manual. Principles and Practices of Planning, Sitting, Designing, Constructing, and Maintaining Residential Buildings in Coastal Areas*. Fourth Edition.
- FEMA P-312. (2014). *Homeowner's Guide to retrofitting. Six Ways to Protect Your Home From Flooding*. Third edition.
- FEMA P-646. (2019). *Guidelines for Design of Structures for Vertical Evacuation from, Tsunami*. Third edition.
- FEMA P-798. (2010). *Sustainability for Residential Buildings*.
- Gouldby, B., Samuels, P., Klijn, F., Messner, F., Sayers, P., Schanze, J., & Wallingford, H. (2005). *Title Language of Risk—Project definitions*.
- Hamel, P., & Tan, L. (2022). Blue–Green Infrastructure for Flood and Water Quality Management in Southeast Asia: Evidence and Knowledge Gaps. *Environmental*

Management, 69(4), 699–718. <https://doi.org/10.1007/s00267-021-01467-w>

Hamida, M. B., Jylhä, T., Remøy, H., & Gruis, V. (2022). Circular building adaptability and its determinants – A literature review. *International Journal of Building Pathology and Adaptation*. <https://doi.org/10.1108/IJBPA-11-2021-0150>

Han, Y., & Mozumder, P. (2022). Risk-based flood adaptation assessment for large-scale buildings in coastal cities using cloud computing. *Sustainable Cities and Society*, 76. <https://doi.org/10.1016/j.scs.2021.103415>

Igigabel, M., Diab, Y., & Yates, M. (2022). Exploring Methodological Approaches for Strengthening the Resilience of Coastal Flood Protection System. *Frontiers in Earth Science*, 9. Scopus. <https://doi.org/10.3389/feart.2021.756936>

Interferencia. (2023). Deficit habitacional: Chile Vuelve al nivel de 1996.

<https://interferencia.cl/articulos/deficit-habitacional-chile-vuelve-al-nivel-de-1996#:~:text=D%C3%A9ficit%20habitacional%20disparado&text=Ahora%2C%20en%202022%2C%20seg%C3%BAn%20los,del%2066%25%20en%20siete%20a%C3%93os>.

Islam, M., & Khan, N. (2020). Threats, vulnerability, resilience and displacement among the climate change and natural disaster-affected people in South-East Asia: An overview (pp. 111–138). <https://doi.org/10.4324/9780429029035-8>

Karamouz, M., & Heydari, Z. (2020). Conceptual Design Framework for Coastal Flood Best Management Practices. *Journal of Water Resources Planning and Management*, 146(6). [https://doi.org/10.1061/\(ASCE\)WR.1943-5452.0001224](https://doi.org/10.1061/(ASCE)WR.1943-5452.0001224)

Karamouz, M., Taheri, M., Khalili, P., & Chen, X. (2019). Building infrastructure resilience in coastal flood risk management. *Journal of Water Resources Planning and Management*, 145(4). [https://doi.org/10.1061/\(ASCE\)WR.1943-5452.0001043](https://doi.org/10.1061/(ASCE)WR.1943-5452.0001043)

Kartika, F. D., & Wijayanti, P. (2022). Settlement land directions based on the tsunami

disaster in the coastal of Purworejo District, Central Java. IOP Conference Series: Earth and Environmental Science, 986(1).

<https://doi.org/10.1088/1755-1315/986/1/012062>

Lallemand, D., Hamel, P., Balbi, M., Lim, T. N., Schmitt, R., & Win, S. (2021). Nature-based solutions for flood risk reduction: A probabilistic modeling framework. *One Earth*, 4(9), 1310–1321. <https://doi.org/10.1016/j.oneear.2021.08.010>

Luo, Z., Tian, J., Zeng, J., & Pilla, F. (2023). Resilient landscape pattern for reducing coastal flood susceptibility. *Science of the Total Environment*, 856.

<https://doi.org/10.1016/j.scitotenv.2022.159087>

Martínez, C., Cienfuegos, R., Inzunza, S., Urrutia, A., & Guerrero, N. (2020). Worst-case tsunami scenario in Cartagena Bay, central Chile: Challenges for coastal risk management. *Ocean and Coastal Management*, 185.

<https://doi.org/10.1016/j.ocecoaman.2019.105060>

Martínez, C., Contreras-López, M., Winckler, P., Hidalgo, H., Godoy, E., & Agredano, R. (2018). Coastal erosion in central Chile: A new hazard? *Ocean and Coastal Management*, 156, 141-155. <https://doi.org/10.1016/j.ocecoaman.2017.07.011>

McLeman, R. (2018). Thresholds in climate migration. *Population and Environment*, 39.

<https://doi.org/10.1007/s11111-017-0290-2>

MINVU. (2018). *Resumen Ejecutivo Evaluación de Programas Gubernamentales*. Subsecretaría de vivienda y urbanismo.

Mortreux, C., Safra de Campos, R., Adger, W., Ghosh, T., Das, S., Helen, A., & Hazra, S. (2018). Political economy of planned relocation: A model of action and inaction in government responses. *Global Environmental Change*, 50, 123-132.

<https://doi.org/10.1016/j.gloenvcha.2018.03.008>

Nicholls, R. J. (2018). Chapter 2—Adapting to Sea-Level Rise. En Z. Zommers & K.

Alverson (Eds.), Resilience (pp. 13-29). Elsevier.

<https://doi.org/10.1016/B978-0-12-811891-7.00002-5>

NTHMP. (2001). *Designing for tsunamis: Seven principles for planning and designing for tsunami hazards | PreventionWeb.*

<https://www.preventionweb.net/publication/designing-tsunamis-seven-principles-planning-and-designing-tsunami-hazards>

Oppenheimer, M., Glavovic, B. C., Hinkel, J., Van de Wal, R., Magnan, A. K., Abd-Elgawad, A., Cai, R., Cifuentes-Jara, M., DeConto, R. B., Ghosh, Hay, J., Isla, F., Marzeion, B., Meyssignac, B., & Sebesvari, Z. (2019). Sea Level Rise and Implications for Low-Lying Islands, Coasts and Communities. En *Special Report on the Ocean and Cryosphere in a Changing Climate.*

Papathoma-Köhle, M., & Dominey-Howes, D. (2003). Tsunami Vulnerability Assessment and Its Implications for Coastal Hazard Analysis and Disaster Management Planning, Gulf of Corinth, Greece. *Natural Hazards and Earth System Science*, 3.

<https://doi.org/10.5194/nhess-3-733-2003>

Pörtner, H.-O., Roberts, D. C., Tignor, M., Poloczanska, E. S., Mintenbeck, K., Alegria, A., Craig, M., Langsdorf, S., Löschke, S., Möller, V., Okem, A., & Rama, B. (2022). SPM 2163 CCP2 Cities and Settlements by the Sea to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [2163-2194].

<https://doi.org/10.1017/9781009325844.019>

Proverbs, D., & Lamond, J. (2008). *The barriers to resilient reinstatement of flood damaged homes.*

<https://uwe-repository.worktribe.com/output/1021279/the-barriers-to-resilient-reinstatement-of-flood-damaged-homes>

Proverbs, D., & Lamond, J. (2017). *Flood Resilient Construction and Adaptation of*

Buildings. <https://doi.org/10.1093/acrefore/9780199389407.013.111>

Puranoticia. (2015). *Sector de Laguna Verde en Valparaíso literalmente bajo agua.*

<https://puranoticia.pnt.cl/noticias/regiones/sector-de-laguna-verde-en-valparaiso-literalmente-bajo-el-agua/2015-08-08/162758.html>

Radio Festival. (2016). *Por marejadas Municipio porteño interviene estero de Laguna Verde.*

Restemeyer, B., Brink, M. van den, & Woltjer, J. (2018). Resilience unpacked-framing of ‘uncertainty’ and ‘adaptability’ in long-term flood risk management strategies for London and Rotterdam. *European Planning Studies*, 26(8), 1559-1579.

<https://doi.org/10.1080/09654313.2018.1490393>

Rosati, J. D., Touzinsky, K. F., & Lillycrop, W. J. (2015). Quantifying coastal system resilience for the US Army Corps of Engineers. *Environment Systems and Decisions*, 35(2), 196-208. <https://doi.org/10.1007/s10669-015-9548-3>

Shaw, R., Colley, M., & Connell, R. (2008, diciembre 26). *Climate change adaptation by design: A guide for sustainable communities | PreventionWeb.*

<https://www.preventionweb.net/publication/climate-change-adaptation-design-guide-sustainable-communities>

SHOA. (2017). *Carta de inundación por tsunami, Laguna Verde. Referida al evento de 1730.*

Strusińska-Correia, A. (2017). Tsunami mitigation in Japan after the 2011 Tōhoku Tsunami. *International Journal of Disaster Risk Reduction*, 22, 397-411.

<https://doi.org/10.1016/j.ijdrr.2017.02.001>

Techo. (2022). *Catastro Nacional de Campamentos 2022-20223 Techo-Chile.*

<https://cl.techo.org/catastro/>

Thi, N., & Trang, N. (2016). ARCHITECTURAL APPROACHES TO A SUSTAINABLE COMMUNITY WITH FLOATING HOUSE UNITS ADAPTING TO CLIMATE

CHANGE AND SEA LEVEL RISE IN VIETNAM 2. *International Journal of Architectural and Environmental Engineering*, Volume 10, No 2.

UNESCO/IOC. (2013). *Tsunami Glossary*. Revised- Edition 2013. (United Nations Educational, Scientific and Cultural Organization/ Intergovernmental Oceanographic Commission) IOC Technical Series, 85.UNESCO.

van Wesenbeeck, B., IJff, S., Jongman, B., Balog, S., Koupara, S., & Lauren, B. (2017). *Implementing nature based flood protection: Principles and implementation guidance*.

<https://documents1.worldbank.org/curated/en/739421509427698706/pdf/Implementing-nature-based-flood-protection-principles-and-implementation-guidance.pdf>

Walker, B., Holling, C. S., Carpenter, S. R., & Kinzig, A. (2004). *Resilience, Adaptability and Transformability in Social-ecological Systems*.

<http://www.ecologyandsociety.org/vol9/iss2/art5>

Wang, W., Liu, H., Li, Y., & Su, J. (2014). Development and management of land reclamation in China. *Ocean & Coastal Management*, 102.

<https://doi.org/10.1016/j.ocecoaman.2014.03.009>

Winckler, P., & Araya, M. H. (2019). *Costas de Chile: Medio natural, cambio climático, ingeniería oceánica, gestión costera*. Servicio Hidrográfico y Oceanográfico de la Armada de Chile.

WMO. (2017). *SELECTING MEASURES AND DESIGNING STRATEGIES FOR INTEGRATED FLOOD MANAGEMENT - A GUIDANCE DOCUMENT*.

<https://www.floodmanagement.info/floodmanagement/wp-content/uploads/2021/06/APFM-Guidance-Selecting-Measures-and-Designing-Strategies-for-IFM.pdf>

Wong, P. P., Losada, L. J., Gattuso, J. P., Hinkel, J., Khattabi, A., Maclnnes, K. L., Saito, Y., & Sallenger, A. (2014). Coastal systems and low lying areas. En *Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects*. (pp. 361-409).