REFERENCES

A. John, Church, U Peter. Clark. (2013). *Climate change.* National Hurricane Center.

Aboobacker V.M. (2017). Wave energy resource assessment for eastern Bay of Bengal and Malacca Strait. *Renewable Energy, 14 (PA)*, 72-84.

Amarasekera H.W.K.M., Abeynayake P.A.G.S., Fernando, M.A.R.M., Atputharajah A., Uyanwaththa, D.M.A.R., Gunawardena S.D.G.S.P. (2014). A feasibility study on ocean wave power generation for the southern coast of Sri Lanka: Electrical feasibility. *International Journal of Distributed Energy Resources and Smart Grids, 10*(2), 79-93.

Anjali M., Nair and Kumar V. S. (2017). Wave spectral shapes in the coastal waters based on measured data off Karwar on the western coast of India. *Ocean Science, 13*, 365–378.

Anoop, T.R., Kumar, V.S., Shanas, P.R. and Johnson, G. (2015). Surface wave climatology and its variability in the North Indian Ocean based on ERA Interim Reanalysis. *Atmospheric and Oceanic Technology*, 1372-1384.

Bhaskaran, P.K., Gupta, N. and Dash, Mihir,. (2014). Wind-wave climate projections in the Indian Ocean from satellite observations. *Journal of Marine Science Research Development*, s11.

Booij N., Ris R.C., Holthuijsen L.H., . (1999). A third-generation wave model for coastal regions. *JOURNAL OF GEOPHYSICAL RESEARCH, 104*, 1649-1666.

Chamara R.N., Vithana H.P.V. (2018). Wave energy resource assessment for the southern coast of Sri Lanka. *6th International Symposium on Advances in Civil and Environmental Engineering.* Kuala Lampur.

Charles E., Idie R.D., Deleclus P., Deque. M., Le Cozannet G. (2012). Climate change impact on waves in the Bay of Biscay, France. *Ocean Dynamics*, 831-848.

Cornett, A. (2008). A Global Wave Energy Resource Assessment. *Conference Paper in Sea Technology.*

Department, C. C. (1997). *Coastal Zone Management Plan, Sri Lanka.* Coast Conservation Department.

Folley M., Whittaker T.J.T. (2009). Analysis of the nearshore wave resource. *Renewable Energy, 34*, 1709-1715.

Gadgil S., Vinayachandran P. N., Francis P. A., and Gadgil S. (2004). Extremes of the Indian summer monsoon rainfall, ENSO and equatorial Indian Ocean oscillation. *GEOPHYSICAL RESEARCH LETTERS, 31*, L12213.

Ghosh S., Misra C. (2010). Assessing Hydrological Impacts of Climate Change: Modeling Techniques and Challenges. *The Open Hydrology Journal*, 115-121.

Gonçalves M., Martinho P., Soares C.G. (2014). Assessment of wave energy in the Canary Islands. *Renewable Energy*, 774-784.

Gunaratne P.P., Ranasinghe D.P.L., Sugandika T.A.N. . (2011). Assessment of Nearshore Wave Climate off the Southern Coast of Sri Lanka. *ENGINEER*, 33-42.

Harrison G.P. and Wallace A.R. (2005). Sensitivity of Wave Energy to Climate Change. *IEEE Transactions on Eenergy Conversion*, 870-877.

Hasselmann, H. and Hasselmann, K. (1985). Computations and Parameterizations of the Nonlinear Energy Transfer in a Gravity-Wave Specturm. Part II: Parameterizations of the Nonlinear Energy Transfer for Application in Wave Models. *Physical Oceanography* , 1378-1391.

Hemer, M.A., Fan, Y., Mori, N., Semedo, A. and Wang, X.L. (2013). Projected change in wave climate from a multi model ensemble. *Nature Climate Change*, 471-476.

Hibbard K.A., Meehl G.A., Cox P.M., Friedlingstein P. (2007). A strategy for climate change stabilization experiments. *Earth and Space Science, 88*(20), 88:217–221.

Hughes M.G. and Heap A.D, . (2010). National scale wave energy resource assessment in Australia. *Renewable Energy, 35*, 1783-1791.

Iglesias G. and Carballo R. (2010). Wave energy and nearshore hotspots: The case study of the SE Bay of Biscay. *Renewable Energy, 11* (35), 2490-2500.

Iglesias G., Lopez M., Carballo R., Castro A., and Fraguela J.A. . (2009). Wave energy potential in Galicia (NW Spain). *Renewable Energy*, 2323-2333.

Kamranzad B, Mori N. (2019). Future wind and wave climate projections in the Indian Ocean based on a super-high-resolution MRI-AGCM3.2S model projection. *Climate Dynamics, 53*(3-4), 2391–2410.

Kamranzad B. ,Etemad-shahidi A., Chegin V. (2013). Assessment of wave energy variation in the Persian Gulf. *Ocean Engineering*, 72-80.

Kamranzad B., Shahidi A. E., Chegini V. (2016). Sustainability of wave energy resources in southern Caspian Sea. *Energy*, 549-559.

Kamranzad B., Shahidi A. E., Chegini V., Bakhtiary A. Y. (2015). Climate change impact on wave energy in the Persian Gulf. *Ocean Dynamics*.

Komen, G.J., Hasselmann, S., Hasselmann, K.,. (1984). On the Existence of a Fully Developed Wind-Sea Spectrum. *Journal of Physical Oceanography, 14*(8), 1271-1285.

Leijon, M., Bernhoff, H., Berg, M., Ågren, O. (2003). Economical considerations of renewable electric energy production-especially development of wave energy. *Renewable Energy, 8*, 1201–1209.

Liang B., Fan F., Yin Z., Shi H., Lee D. (2013). Numerical modelling of the nearshore wave energy resources of Shandong. *Renewable Energy*, 330-338.

Liberti L., Carillo A., Sannino G. (2013). Wave energy resource assessment in the Mediterranean, the Italian perspective. *Renewable Energy*, 938-949.

Luo Y., Wang D., Gamage T.P., Zhou F., Widanage C.M. and Liu T. (2018). Wind and wave dataset for Matara Sri Lanka. *Earth Systems Science Data*, 131-138.

Mackary E.B.L, Bahaj A.S. and Challenor P.G. (2010). Uncertainty in wave resource assessment. Part 1: Historic data. *Renewable Energy*, 1792-1808.

Mackay, Edward B.L., Bahaj, AbuBakr S., Challenor, and Peter G. (2010). Uncertainty in wave energy resource assessment. Part 1: Historic data. *Renewable Energy*, 1792-1808.

MARINET. (2015). *A report on 'Standards for wave data analysis, archival and presentation.*

Mirzaei A., Tangang F, Juneng L. (2016). Wave energy potential along the east coast of Peninsular Malaysia. *Energy*, 722-734.

Mizuta R., Yoshimura H., and Murakami H.,. (2012). Climate simulations using MRI-AGCM with 20-km grid. *Journal of the Meteorological Society of Japan, 90A*, 235-260.

Neill N.P., Vogler A., Goward-Brown A.J., Baston S., Gillibrand P.A., Walkdon S., Woolf, D.K. (2017). The wave and tidal resource of Scotland. *Renewable Energy, 114*, 3-17.

Portilla J, Sosa J, Cavaleri L. . (2013). Wave energy resources: wave climate and exploitation. . *Renew Energy 2013;57:594e605., 57*, 594-605.

Reeve D.E., Chen S., Pan S., Magar V., Simmonds D.J. and Zacharioudaki A.,. (2011). An investigation of the impacts of climate change on wave energy generation: The Wave Hub, Cornwall, UK. *Renewable Energy*, 2404-2413.

S.K. Dube, EIndu Jain, A.D. Rao, T.S. Murty`. (2009). Storm surge modelling for the Bay of Bengaland Arabian Sea. *Natural Hazards*, 3-27.

Sanil K. V., Anoop T. R., . (2015). Wave energy resource assessment for the Indian shelf seas. *Renewable Energy, 76*, 2012-2019.

Sheffer H.J., Fernando K.R.M.D., Fittschen T. (1994). *CCD-GTZ Directional wave climate study South-west coast of Sri Lanka, Report on the wave measurements off Galle.* Colombo.

Team, S. (2017). *SWAN scientific and technical documentation.* Delft University of Technology.

Thevasiyani T., Perera K. (2014). Statistical analysis of extreme ocean waves in Galle, Sri Lanka. *Weather and Climate Extremes*, 40-47.

Thomas J., Barve K.H., Dwarakish G S., Ranganath L. R. (2015). A Review on Assessment of Wave Energy Potential. *National Conference on Futuristic Technology in Civil Engineering for Sustainable Development* (pp. 178-185). Department of Civil Engineering, SJBIT .

Weatherall P., Marks K. M. , Jakobsson M., Schmitt T., Tani S, Arndt J. E. (2015). A new digital bathymetric model. *Earth and Space Science*, 331–345.

Wolf. J., and Woolf. D. (2006). Waves and climate change in the north-east Atlantic. *Geophysical Research Letter*, 33.

World Meteorological Organization. (1998). *A guide to wave analysis and forecasting.* Geneva: World Meteorological Organization.

Yasha Hetzel, Ivica Janekovic, Charitha Pattiaratchi ,Wijeratne E.M.S. (2015). Storm surge risk from transitioning tropical cyclones in Australia. *Transitioning tropical cyclones in Australia.* Auckland, New Zealand.