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## BIBLIOGRAPHY

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- 1) CATTO, J.L., SHAFFREY, L.C. & HODGES, K.I., 2011. *Northern Hemisphere Extratropical Cyclones in a Warming Climate in the HiGEM High-Resolution Climate Model*. American Meteorological Society.
- 2) Cavaleri, L., Alves, J.H.G.M. & Arduin, F., 2007. Wave Modelling - The State of the Art. *Progress in Oceanography*, 75, pp.603 - 674.
- 3) Charles, E. et al., March 2012. *Climate change impact on waves in the Bay of Biscay, France*.
- 4) Chawla, A. & Tolman, H.L., 2007. *Automated grid generation for WAVEWATCH III*. Technical Note. U. S. Department of Commerce.
- 5) Christensen, J.H. et al., 2007. *Regional Climate Projections*. Cambridge University Press, Cambridge, United Kingdom and New York, NY, USA.
- 6) Church, J.A. & White, N.J., 2006. A 20th Century Acceleration in Global Sea-Level Rise. *GEOGRAPHICAL RESEARCH LETTERS*, Volume 33, Sri Lanka.
- 7) Church, J.A., Woodworth, P.L. & Aarup, T., 2010. *Understanding Sea-Level Rise and Variability*. Wiley-Blackwell Publishing Ltd.   
 [www.lib.mrt.ac.lk](http://www.lib.mrt.ac.lk)   
 Electronic Theses & Dissertations
- 8) De Bruin, G.H.P., Russell, B.C. & Bogusch, A., 1994. *The marine fishery resources of Sri Lanka*. Rome, Italy: Food and Agriculture Organization of the UN.
- 9) Dodet, G., Bertin, X. & Taborda, R., 2010. Wave Climate Variability in the North - East Atlantic Ocean Over the Last Six Decades. *Ocean Modelling*, 31, pp.120 - 131.
- 10) GoogleEarth, 6.2.2.6., 2010. [Online].
- 11) Goto, K., Takahashi, & Oie, , 2011. Remarkable bathymetric change in the nearshore zone by the 2004 Indian Ocean tsunami: Kirinda Harbor, Sri Lanka. *Geomorphology*.
- 12) Hamer, M.A., McInnes, K.L. & Ranasinghe, R., 2009. Future Projections of the East Australian Wave Climate. In *11th International Workshop on wave hindcasting and forecasting and coastal hazards*. Halifax, Canada, 2009.
- 13) Hamer, M.A., Wang, X.L., Church, J.A. & Swail, V.R., 2010a. *Coordinating Global Ocean Wave Climate Projections*. American Meteorological Society.

- 
- 14) Hemer, M., McInnes, K. & Ranasinghe, R., September, 2010b. *Investigation of Climate Driven Variations in Offshore Wave Climate Along the NSW Coast*. The Centre for Australian Weather and Climate Research.
  - 15) Hettiarachchi, S. & Samarawickrama, S., 2006. The Tsunami Hazard in Sri Lanka. *National Science Foundation*, pp.7-14.
  - 16) Houghton, J.T. et al., 2001. *Climate Change 2001: The Scientific Basis*. Contribution of Working Group I to the Third Assessment Report of the Intergovernmental Panel on Climate Change. Cambridge: Cambridge University Press.
  - 17) JICA, 1989. *The Study on Sand Drift in the south eastern coast of Sri Lanka Final Report*. JICA Japan.
  - 18) Joseph, L., n.d. *NATIONAL REPORT OF SRI LANKA on the Formulation of a Transboundary Diagnostic Analysis and Strategic Action Plan for the Bay of Bengal Large Marine Ecosystem Programme*.
  - 19) Kalnay, Kalnay, Kalnay & Kalnay, 1996. *The NCEP/NCAR 40-year reanalysis project*. Bull. Amer. Meteor. Soc.
  - 20) Laknath, D.P.C. & Sasaki, U., 2010. Study on sediment accumulation processes in Kirinda Fishery Harbour, Sri Lanka. In *Proceeding of 12th International Offshore and Polar Engineering Conference*. Beijing, June 20-25, 2010.
  - 21) LHI, 2005. *Rehabilitation of Kirinda Fishery Harbour – Underwater Investigations Final Report*. Lanka Hydraulic Institute.
  - 22) Madduma Bandara, C.M., 1989. *A survey of the coastal zone of Sri Lanka*. Colombo: Coast Conservation Department.
  - 23) McInnes, K., Macadam, I. & O'Grady, J., 2007. *Climate Change Projections for the Woolli Woolli Estuary and Batemans Bay*. New South Wales Department of Environment and Climate Change.
  - 24) Nishihata, T., Moriya, Y., Tajima, Y. & Sekimoto, T., 2006. Topography changes due to the Dec 2004 Indian Ocean Tsunami – Field and numerical study at Kirinda Port, Sri Lanka. In *Proceedings of 30th International Conference on coastal engineering.*, 2006. ASCE.
-

- 
- 25) Samaranayake, R.A.D.B., 2000. *Sri Lanka's Agenda for Coastal Zone Management, The Review of Advanced Technologies for the Integrated Management of EEZs and Coastal Zones Worldwide*. ICG Publishing Limited.
  - 26) Scheffer, H.J., Fernando, K.R.M.D. & Fittschen, T., May, 1994. *Directional Wave Climate Study; South-West Coast of Sri Lanka*. CCD-GTZ Coast Conservation Project.
  - 27) Swail, V.R. & Wang, X.L., 2005. Projection and Analysis of Extreme Wave Climate. *JOURNAL OF CLIMATE*, VOLUME 19, pp.5581-605.
  - 28) The SWAN Team, 2010. *SWAN Programming Rules*. Technical Team. Delft University of Technology.
  - 29) The SWAN Team, 2011 (a). *SWAN User Manual*. User Manual. Delft University of Technology.
  - 30) The SWAN Team, 2011 (b). *SWAN Scientific & Technical Documentation*. Technical Report. Delft University of Technology.
  - 31) The SWAN Team, 2011 (c). *SWAN Implementation Manual*. User Manual. Delft University of Technology.
  - 32) The Wave Model Development and Implementation Group, 1988. The WAM Model - A Third Generation Ocean Wave Prediction Model. *Journal of Physical Oceanography* , 18, pp.1775 - 1810.
  - 33) Tolman , H.L., 2009. *User manual and system documentation of WAVEWATCH III version 3.14*. Technical Note. U. S. Department of Commerce.
  - 34) Tolman, H.L., 2010. *WAVEWATCH III Development Best Practices*. Technical Note. U. S. Department of Commerce.
  - 35) UOM, 2005. *Report on the stable of Kirinda Fishery Harbour abd Proposed Investigation Studies*. Department of Civil Engineering, University of Moratuwa.
  - 36) Wang, X.L. & Swail, V.R., 2006. Climate Change Signal and Uncertainty in Projections of Ocean Wave Heights. *Climate Dynamics*, Volume 26, pp.109 - 126.
  - 37) Yin, J.H., 2005. *A Consistent Poleward Shift of the Storm Tracks in Simulations of 21st Century Climate*. Geophysical Research Letters.