REFERENCES

Ahrens, C.D., 2000, **Essentials of Meteorology: An Invitation to Atmosphere**, 3rd ed., Brooks Cole, Pacific Grove, CA, p. 289.

Anderson, J.D., 1995, **Computational Fluid Dynamics: The Basics with Applications**, Mc Graw-Hill Inc., Avenue of the Americas, New York, p. 27.

Australian Government Bureau of Meteorology, 2012, **Tropical Cyclone Intensity and Impacts** [Online], Available: http://www.bom.gov.au/cyclone/about/intensity.shtml [2012, February 10].

Chambers, R.S. and Li, T., 2006, "Simulation of Formation of a Near-Equatorial Typhoon Vamei (2001)", **Meteorology and Atmospheric Physics**, Vol. 98, pp. 67-80.

Chang, C.P., Ericson, J.E. and Lav, K.M., 1979, "Northeasterly Cold Surges and Near-Equatorial Distribunces Over the Winter MONEX Area During December 1974 Part I: Synoptic Aspects", **Monthly Weather Review**, Vol. 107, No. 7, pp. 812-817.

Chang, C.P., Liu, C.H. and Kuo, H.C., 2003, "Typhoon Vamei: An Equatorial Tropical Cyclone Formation", **Geophysical Research Letters**, Vol. 30, No. 3, pp. 48-52.

Chang, C.P. and Wong, T.S., 2008, "Rare Typhoon Formation Near the Equator", **Chih-Pei Chang** [Online], Available: http://faculty.nps.edu/cpchang/papers/Chang_Wong_rare_typhoon.pdf, [2011, February 14].

Giaiotti, D.B. and Stel, F., 2006, "The Rankine Vortex Model", **Environmental Fluid Mechanics Physics of the Atmosphere**, University of Triste, Italy, pp. 1-14.

Gray, W.M., 1998, "The Formation of Tropical Cyclones", Meteorology and Atmospheric Physics, Vol. 67, pp. 37-69.

Harper, B.A. and Holland G.J., 2008, "An Updated Parametric Model of the Tropical Cyclone", Preprints, **The 23rd Conference on Hurricane and Tropical Meteorology**, 28 April-2 May 2008, Orlando, pp. 893–896.

Holland, G.J., 1980, "An Analytic Model of the Wind and Pressure Profiles in Hurricanes", **Monthly Weather Review**, Vol. 108, pp. 1212-1218.

Holland, G.J., Belanger, J.I. and Fritz, A., 2010, "A Revised Model for Radial Profiles in Hurricane Winds", **Monthly Weather Review**, Vol. 138, No. 12, pp. 4393-4401.

Holton, J. R., 2004, **Introduction to Dynamic Meteorology**, 4th ed., Elsevier Academic Press, UK, pp. 188-219.

Houston, S.H., Shaffer, W.A., Powell, M.D. and JYE, C., 1999, "Comparisons of HRD and SLOSH Surface Wind Fields in Hurricanes Implications for Storm Surge Modeling", **Weather and Forecasting**, Vol. 14, pp. 671-686.

Japan Meteorological Agency, 2011, **JTWC Best Track Data** [Online], Available: http://www.jma.go.jp/jma/jma-eng/jma-center/JTWC-hp-pub-eg/besttrack.html [2012, July 21].

Juneng, L., Tangang, F.T., Reason, C.J., Moten, S. and Hassan, W.A., 2001, "Simulation of Tropical Cyclone Vamei (2001) Using the PSU/NCAR MM5 Model", **Meteorology and Atmospheric Physics**, Vol. 97, pp. 273-290.

Klaver, E.N., 2005, **Probabilistic Analysis of Typhoon induced Hydraulic Boundary Conditions for Suo-nada Bay**, Department of Hydraulic Engineering, Faculty of Civil Engineering and Geosciences, Delft University, pp. 35-46.

Kongied, B., 2011, **Simulation of Tropical Cyclone Track by Singular Vector**, Doctoral Dissertation, Doctor of Philosophy (Applied Mathematics), Department of Mathematics, Faculty of Science, King Mongkut's University of Technology Thonburi, pp. 10-14.

Krishnamurti, T.N., 1986, Workbook on Numerical Weather Prediction for the Tropics for the Training of Class I and Class II Meteorological Personnel, Secretariat of the Word Meteorological Organization, USA, pp. 44-46.

McConochie, J.D., Hardy, T.A. and Mason, L.B., 2004, "Modeling Tropical Cyclone Over-Water Wind and Pressure Fields", **Ocean Engineering**, Vol. 31, pp. 1757-1782.

Mouton, F. and Nordbeck, O., 2012, **Cyclone Database Manager** [Online], Available: http://www.grid.unep.ch/product/publication/download/article_PREVIEW_TropCyclones [2012, December 12].

National Center for Environmental Prediction-NCEP, 2012, **Earth System Research Laboratory** [Online], Available: http:// www.esrl.noaa.gov/psd/data/gridded/data.ncep. reanalysis.htm [2012, June 16].

National Oceanic and Atmospheric Administration-NOAA, 2012, **Climate Change Information Resources New York Metropolitan Region** [Online], Available: http://ccir.ciesin.columbia.edu/nyc [2012, July 9].

Samanworakit, P., 2011, A Numerical Simulation of Vortex Formation in the Gulf of Thailand, Master Thesis, Master of Science (Applied Mathematics), Department of Mathematics, Faculty of Science, King Mongkut's University of Technology Thonburi, pp. 44-45.

Singh, R., Pal, P.K., Kishtawal, C.M. and Joshi, P.C., 2005, "Impact of Bogus Vortex for Track and Intensity Prediction of Tropical Cyclone", Journal of Earth System Science, Vol. 114, No. 4, pp. 427-436.

The Natural Environment Research Council, 2013, **Wind Vector Notation Conventions** [Online], Available: http://mst.nerc.ac.uk/wind_vect_convs.html#eqns [2013, March 8].

Trinh, V.T. and Krishnamurti, T.N., 1992, "Vortex Initialization for Typhoon Track Prediction", **Meteorology and Atmospheric Physics**, Vol. 47, pp. 117-226.

Wang, D., Liang, X., Zhao, Y. and, Wang, B., 2008, "A Comparison of Two Tropical Cyclone Bogussing Schemes", **Weather and Forecasting**, Vol. 23, pp. 194-204.

Yanai, M., 1994, "Formation of Tropical cyclones", **Reviews of Geophysics**, Vol. 2, No. 2, pp. 366-414.

Yavinchan, S., Sumdin, S. and Chaisane, C., 2009, **Tropical Storm Track Prediction for Thailand by a High Resolution Numerical Weather Prediction Model**, The National Research Council of Thailand, pp. 78-93.