# DAFTAR PUSTAKA

[1] Direktoral Jenderal Pengelolaan Ruang Laut, "Refleksi 2017 dan Outlook 2018 Membangun dan Menjaga Ekosistem Laut Indonesia Bersama Ditjen Pengelolaan Ruang Laut," Direktoral Jenderal Pengelolaan Ruang Laut, 14 Maret 2018. [Online]. Available: https://kkp.go.id/djprl/artikel/2798-refleksi-2017-dan-outlook-2018-membangun-dan-menjaga-ekosistem-laut-indonesia-bersama-ditjen-pengelolaan-ruang-laut. [Diakses 3 September 2019].

[2] Badan Informasi Geospasial, "Rujukan Nasional Data Kewilayahan: Luas NKRI 8,3 Juta Kilometer Persegi," Berita Geospasial, 10 August 2018. [Online]. Available: http://www.big.go.id/. [Diakses 10 December 2018].

[3] D. W. Green, "Extraction of Wind Speed from High Frequency Ground Wave Radar Oceanic Backscatter," Memorial University of Newfoundland, Newfoundland, 2005.

[4] K. Gurgel dan T. Schlick, "Remarks on Signal Processing in HF Radar Using FMCW Modulation," dalam *International Radar Symposium IRS 2009*, Hamburg, 2009.

[5] S. Kingsley dan S. Quegan, Understanding Radar Systems, Raleigh: SciTech Publishing, Inc, 1999.

[6] W. Wang, "Remote Sensing of Swell Currents in Coastal Zone by HF Radar," HAL, Toulon, 2015.

[7] L. A. Gebhard, "Evolution of Naval Radio-electronics and Contribution of the Naval Research Laboratory," dalam *Evolution of Naval Radio-electronics and Contribution of the Naval Research Laboratory*, Washington, Naval Research Laboratory, 1979, p. 170.

[8] M. I. Skolnik, Radar Handbook Third Edition, New York: Mc Graw Hill, 2008.

[9] M. I. Skolnik, Introduction to Radar Systems, New Delhi: McGraw Hill, 2001.

[10] IEEE, "IEEE Standard Letter Designation for Radar-Frequency Bands," dalam *IEEE Std 521-2002*, IEEE, 2003, pp. 1-3.

[11] Australian Bureau of Metereology, "Introduction to HF Radio Propagation," Australian Bureau of Metereology, 2016. [Online]. Available: https://www.sws.bom.gov.au/Educational/5/2/2. [Diakses 13 September 2019].

[12] C. Wolff, "Radar Basics : Pulse Radar," radartutorial.eu, [Online]. Available: http://www.radartutorial.eu/02.basics/Pulse%20Radar.en.html. [Diakses 8 September 2019].

[13] Hyperphysics, "Beat," Georgia State University : Department of Physics and Astronomy, [Online]. Available: http://hyperphysics.phy-astr.gsu.edu/hbase/Sound/beat.html. [Diakses 9 September 2019].

[14] S. Suleymanov, "Design and Implementation of An FMCW Radar Signal Processing Module for Automotive Applications," Enschede, 2016.

[15] R. H. Stewart, Introduction to Physical Oceanography, Texas: Texas A&M University, 2008.

[16] J. Walsh, J. Zhang dan E. W. Gill, "High-Frequency Radar Cross Section of the Ocean Surface for an FMCW Waveform," *IEEE Journal of Oceanic Engineering,* vol. 36, no. 4, pp. 615-626, 2011.

[17] D. D. Crombie, "Doppler Spectrum of Sea Echo at 13.56 Mc./s.," *Nature,* vol. 175, pp. 681-682, 1955.

[18] E. W. Gill, "The Scattering of High Frequency Electromagnetic Radiation from the Ocean Surface: An Analysis Based on a Bistatic Ground Wave Radar Configuration," Memorial University of Newfoundland, Newfoundland, 1999.

[19] J. Zhang, "On the Variability of Doppler Spectra in HF Groundwave Radar Remote Sensing Over the Ocean Surface: An Investigation Based on Pulsed and Frequency Modulated Sources," University of Newfoundland, Newfoundland, 2009.

[20] Bureau of Meteorology; Australian Goverment, "About Doppler Wind Images," [Online]. Available: http://www.bom.gov.au/australia/radar/about/doppler_wind_images_intro.shtml. [Diakses 10 September 2019].

[21] R. Hugh, C. Thomas, H. Lisa, G. Doug, H. Jack, C. Simone, W. Lucy, A. F. Enrique, T. Eric, O. Mark, L. John, G. Scott, E. Naoto, W. Brian, B. Kevin, M. Julien, R. Anna dan C. Lor, "The Global High Frequency Radar Network," *Frontiers in Marine Science,* vol. 6, p. 164, 2019.

[22] R. A. Horn dan C. R. Johnson, Matrix Analysis, New York: Cambridge University Press, 2013.

[23] D. Barrick, "First-order theory and analysis of MF/HF/VHF scatter from the sea," *IEEE Transactions on Antennas and Propagation,* vol. 20, no. 1, pp. 2-10, 1972.

[24] D. Barrick, "Remote sensing of sea state by radar," *Ocean 72 - IEEE International Conference on Engineering in the Ocean Environment,* pp. 186-192, 1972.