

## DAFTAR PUSTAKA

- Agung, A.A.N. 2015. Zonasi Risiko Pantai Berdasarkan Kemunculan Arus Retas Dan Upaya Penanggulangannya Di Kawasan Parangtritis. Tesis : Program Studi Magister Manajemen Bencana Sekolah Pascasarjana, Universitas Gadjah Mada. Yogyakarta.
- Anzhar, K., SBS, Yarianto. Pola Angin Laut dan Angin Darat di daerah Ujung Lemahabang, Semenanjung Muria. *Jurnal Pengembangan Energi Nuklir Vol.2 No 4 Desember 2000 : 199 – 206*. BATAN.
- Aprijanto. 2015. Teknik Videografi Guna Mendukung Desain Model Sistem Peringatan Dini Bahaya Arus Retas di Kawasan Parangtritis Kabupaten Bantul. Disertasi : Universitas Gadjah Mada.
- Austin, M.J., Scott, T.M., Russell, P.E., Masselink, G. 2012. Rip Current Prediction: Development, Validation, and Evaluation of an Operational Tool. *Journal of Coastal Research*. Vol. 00, No. 0, 0000. Coastal Education & Research Foundation.
- Australian Government. 2008. *Guidelines for Managing Risks in Recreational Water*. National Health and Medical Research Council. Canberra.
- Badan Lingkungan Hidup. 2013. *Laporan Status Lingkungan Hidup Daerah – DIY*. Badan Lingkungan Hidup Daerah Istimewa Yogyakarta. Yogyakarta
- Badan Perencanaan Pembangunan Daerah Kabupaten Bantul. 2012. *Peraturan Bupati Bantul No 33 Tahun 2012 tentang Rencana Kerja Pembangunan Daerah Kabupaten Bantul Tahun 2013*. Pemerintah Kabupaten Bantul. Bantul
- Bruijn, J.D. 2005. *Rip Current Morphologically Important and a Hazard to Swimmers*. Utrecht University The Netherlands. Netherlands.
- Bruneau, N., Bertin, X., Castelle, B., Bonneton, P. 2013. Tide-induced Flow Signature in Rip Currents on a Meso-macrotidal Beach. *Ocean Modelling* 74 (2014) 53-59. France.
- Bruneau, N., Castelle, B., Bonneton, P., Pedreros, R. 2009. Very Low Frequency motions of a rip current system: observations and modeling. *Journal of Coastal Research, , Special Issue No. 56. Proceedings of the 10<sup>th</sup> International Coastal Symposium ICS 2009, Vol. II (2009), pp. 1731-1735*. Coastal Education & Research Foundation, Inc. Florida.

- Carey, W. dan S. Rogers. 2004. Rip Current: Coordinating Coastal Research, outreach, and forecast methodologies to improve public safety. *Coastal Current Journal*. University of Delaware. Delaware.
- Coastal Engineering Research Center. *Shore Protection Manual Volume I*.1984. Department of The Army. US Army Corps of Engineers. Washington DC.
- Choi, J., Lim, C.H., Yoon, S.B. 2014. A Rip Current Warning System Based on Real-Time Observations for Haeundae Beach, Korea. *Journal of Coastal Research, SPECIAL ISSUE NO.72 IRCS2014 : The 3<sup>rd</sup> International Current Symposium-1<sup>st</sup> Asian Water Safety Conference (WINTER 2014)*, pp. 56-62. Coastal Education and Research Foundation, Inc. Florida.
- Dusek, G., Seim, H. 2013. Rip Current Intensity Estimates from Lifeguard Observations. *Journal of Coastal Research, Vol. 29, No. 3 (May 2013)*, pp. 505-518. Coastal Education and Research Foundation, Inc. Florida.
- Engle, J.A. 2003. Formulation of a Rip Current Forecasting Technique Through Statistical Analysis of Rip Current-Related Rescues. Thesis : University of Florida. Florida.
- Fadhilah, Suripin, Sasongko, D. P. 2014. Menentukan Tipe Pasang Surut dan Muka Air Rencana Perairan Laut Kabupaten Bengkulu Tengah Menggunakan Metode Admiralty. *Maspari Journal, 2014, 6 (1), 1-12*.PS Ilmu Kelautan UNSRI. Riau.
- Gensini, V. A., Ashley. W.S. 2010. An Examination of Rip Current Fatalities in The United States. *Nat Hazard 54:159-175 DOI 10.1007/S 11069-009-9458-0*.
- Hicks, S.D. 2006. *Understanding Tides*. U.S Department of Commerce NOAA. United States.
- International Graduate Students and Scholars' Conference in Indonesia. The Graduate School of Universitas Gadjah Mada Yogyakarta. *Science, Spirituality and Local Wisdom : Interdisciplinary Approaches to Current Global Issues*. Agung, A.A.N., Khoirunnisa, N., Mutaqien, B.W., Sunarto. Sekolah Pascasarjana UGM. Yogyakarta.
- Khorunnisa, N., Hariyadi., Rifai, A. 2013. Pemetaan Zona Rip Current sebagai Upaya Peringatan Dini untuk Bahaya Pantai. *Jurnal Oseanografi*. Volume 2 Nomor 2 Tahun 2013. Halaman 151-160. J-OCE UNDIP. Semarang.

- Kita dan Perubahan Iklim Global : Kasus El Nino – La Nina. Akademi Ilmu Pengetahuan Indonesia, Jakarta. 1999. Nontji, A., Ilahude, A.G. Lembaga Ilmu Pengetahuan Indonesia. Jakarta.
- Kurniawan, dkk. 2011. *Variasi Bulanan Gelombang Laut di Indonesia*. BMKG. Jakarta.
- Kusmanto, E & Setyawan, W.B. 2011. *Rip current di Teluk Parigi dan Pantai Pangandaran*. Ikatan Sarjana Oseanologi Indonesia. Jakarta.
- Lascody, R.L. 1998. East Central Florida Rip Current Program. *National Weather Digest Volume 22 No.2 June 1998*. NOAA. Florida.
- Leatherman, S., Fletemeyer, J. 2011. *RIP CURRENTS Beach Safety, Physical Oceanography, and Wave Modeling*. CRC Press Taylor and Francis Group. United States of America.
- Leatherman, S.P. 2012. Undertow, Rip Current, and Rip Tide. *Journal of Coastal Research, Vol. 28, No. 4 (July 2012), pp. iii-v. Coastal Education & Research Foundation, Inc.* Florida.
- Lisnawati, L.A, Rochaddi. B., Ismunarti, D.H. 2013. Studi Tipe Pasang Surut di Pulau Parang Kepulauan Karimunjawa Jepara, Jawa Tengah. *Buletin Oseanografi Marina April 2013, vol. 2 61-67*. Universitas Diponegoro. Semarang.
- MacMahan, J.H., Tohrnton, Ed.B., Reniers, Ad.J.H.M. 2006. Rip current review. *Coastal Engineering an International Journal for Coastal, Harbour, and Offshore Engineers*. 53 (2006) 191 – 208.
- Mardiatno, D. and BW Mutaqin. 2011. Spatio-temporal Modelling of Population Distribution for the Tsunami Risk Assessment in Pacitan, Indonesia. *The Investigation Report of 2004 Northern Sumatra Earthquake (Additional Volume)* – Graduate School of Environmental Studies, Nagoya University: Nagoya, Japan. <http://www.seis.nagoya-u.ac.jp/INFO/sumatra/>.
- Marfai MA, King L. 2008. Potential vulnerability implications of coastal inundation due to sea level rise for the coastal zone of Semarang City, Indonesia. *Environmental Geology* 54: 1235-1245.
- Murray, B., Reydellet, G. 2001. A Rip Currents Model Based on a Hypothesized Wave/Current Interaction. *Journal of Coastal Research, Vol. 17, No. 3 (Summer, 2001), pp. 517-530*. Coastal Education and Research Foundation Inc. Florida.

- Mutaqin, BW. 2009. Tsunami Vulnerability Level Mapping in South Beach District of Cilacap, Central Java. *Proceeding on National Symposium Science of Geography I*. ISBN 978-979-98521-3-7.
- Nurjaya, I.W., Surbakti, H. 2010. Model Dispersi Bahang Hasil Buangan Air Proses Pendinginan PLTGU Cilegon CCPP Ke Perairan Pantai Margasari di Sisi Barat Teluk Banten. *E-Journal Ilmu dan Teknologi Kelautan Tropis Vol. 2, No. 1, Hal. 31-49, Juni 2010*. Departemen Ilmu dan Teknologi Kelautan FPIK-IPB. Bogor.
- Pranoto, S. 2004. Prediksi Perubahan Garis Pantai Menggunakan Model Genesis. *Jurnal Teknik Keairan*. Jurusan Teknik Sipil-FT UNDIP. Semarang.
- Prasojo. 2013. *Informasi Bencana dan Perubahan Iklim Bagi Nelayan dan Masyarakat Pesisir Melalui Sistem Informasi Mitigasi Bencana Adaptasi Iklim dan Lingkungan*. Laporan Pengembangan Desa Pesisir Tangguh. Yogyakarta.
- Ramlan. 2012. *Variabilitas Gelombang Laut di Laut Jawa dan Selat Karimata ditinjau dari Perspektif Dinamika Meteorologi*. (Tesis). Program Studi Magister Ilmu Kelautan, Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Indonesia. Depok.
- Retnowati, A. 2010. Deteksi Zona Tapak Rip Currents Pada Citra Satelit Alos Palsar di Parangtritis. Tesis : Program Studi Geografi, Magister Perencanaan dan Pengelolaan Pesisir dan Daerah Aliran Sungai (MPPDAS), Universitas Gajah Mada. Yogyakarta.
- Seminar Nasional Penginderaan Jauh. Bogor. 2014. Pemetaan Suhu Permukaan Laut Dari Satelit Di Perairan Indonesia Untuk Mendukung “One Map Policy”. Gaol, J.L., Arhatin, R. I., Ling, M. M. Bogor : Institut Pertanian Bogor.
- Seminar Nasional Penguatan Ketangguhan Indonesia melalui Pengurangan Risiko Bencana. Yogyakarta. 2014. Masterplan Pengurangan Risiko Bencana di Indonesia. Kurniawan, L. Yogyakarta : Universitas Gadjah Mada dan GNS Science New Zealand.
- Seminar Nasional Penguatan Ketangguhan Indonesia melalui Pengurangan Risiko Bencana. Yogyakarta. 2014. Perencanaan Pembangunan Nasional Berbasis Pada Pengurangan Risiko Bencana. Soetiarso, A., Kuswiyanto, Aruminingsih. Yogyakarta : Universitas Gadjah Mada dan GNS Science New Zealand.
- Short, A.D., Hogan, C.L. 1994. Rip Currents and Beach Hazards: Their Impact on Public Safety and Implications for Coastal Management. *Journal of Coastal Research*. Special Issue No. 12. COASTAL HAZARDS:

- PERCEPTION, SUSCEPTIBILITY AND MITIGATION (1994), pp. 197-209. Coastal Education & Research Foundation, Inc.
- Stewart, R.H. 2008. *Introduction to Physical Oceanography*. Texas A & M University. US.
- Sunarto, Marfai, M.A., Mardiatno, D. 2010. *Multirisk Assessment of Disasters in Parangtritis Coastal Area*. Gadjah Mada University Press. Yogyakarta.
- Sunarto. 2012. Potensi Bencana Tsunami dan Kesiapsiagaan Masyarakat Menghadapi Bencana: Studi Kasus Desa Sumberagung Banyuwangi, Jawa Timur. *Jurnal Penelitian Geografi: FORUM GEOGRAFI*. Vol. 26, No. 1, Juli 2012.
- Sunarto. 2015. Pengelolaan Pesisir Teluk Berdasarkan Indikator Alamiah Morfologi Teluk dan Kehadiran Gumuk Pasir Kepesisiran di Teluk Pacitan, Baron, dan Cilacap. Prosiding Seminar Nasional Pengelolaan Pesisir dan Daerah Aliran Sungai Ke-1. Universitas Gadjah Mada.
- Susmayadi, I.M. 2010. Analisis Spasial dan Temporal Morfodinamika Pantai Parangtritis Periode Tahun 1976-2009. Tesis : MPPDAS UGM. Yogyakarta
- Susmayadi, I.M., Sunarto, M.A Marfai. 2010. Proses Fisik dan Dinamika Kawasan Pesisir : *Rip Current*, Abrasi, dan Deflasi. *Dalam Sunarto, MA Marfai, dan D. Mardiatno (eds) Penaksiran Multi-risiko Bencana Wilayah Kepesisiran Parangtritis*. PSBA-UGM Yogyakarta.
- Sutisna, S. 2006. *Kemungkinan Luas Laut sebagai Bagian dari Luas Wilayah dalam Perhitungan DAU*. BAKOSURTANAL. Jakarta.
- Thomas, D. 2003. Laboratory Rip Current Circulation using Video-Tracked Lagrangian Drifters. Thesis : Master of Science Graduate School University of Florida. Florida.
- Triatmodjo, B. 2007. *Teknik Pantai*. Beta Offset. Yogyakarta.
- USAID. 2011. *Introduction to Disaster Risk Reduction*. United State Agency for International Development. US.
- Wahid, A.A. 2015. Manajemen Risiko Banjir di Kabupaten Lamongan. Tesis : Magister Manajemen Bencana. UGM. Yogyakarta.
- Ward PJ, Marfai MA, Yulianto F, Hizbaron DR, Aerts JCJH. 2010. Coastal inundation and damage exposure estimation: a case study for Jakarta. *Natural Hazards, Springer* 56: 899-916.

Wibisono, Y. 2009. *Metode Statistik*. Gadjah Mada University Press. Yogyakarta.

Wibowo, M. 2001. Aplikasi Sistem Informasi Geografi (SIG) untuk Penataan Kawasan Pantai Kasus Pantai Parangtritis dan Sekitarnya. *Jurnal Teknologi Lingkungan Vol. 2 No. 2, Mei 2001 : 159-167*.

Yunus, H.S. 2010. *Metodologi Penelitian Wilayah Kontemporer*. Pustaka Pelajar. Yogyakarta.