

## DAFTAR PUSTAKA

- Alpine, A. E. and J. E. Cloen, 1988. Phytoplankton growth rates in a light-limited environment, San Francisco Bay. *Mar. Ecol. Prog. Ser.*, 44: 167 – 173.
- Barber, R. T. and F. P. Chavez, 1991. Regulation of primary productivity in the Equatorial Pacific. *Limnol. Oceanogr.*, 36 (8): 1803 – 1815.
- Brown, J., A. Colling, D. Park, J. Phillips, D. Rothery and J. Wright, 1989. Ocean chemistry and deep sea sediment. Open University.
- Caroco, N., A. Tamse, O. Boutros and I. Valiela, 1987. Nutrien limitation of phytoplankton growth in Brackish Coastal Ponds. *Can. J. Fish. Aquat. Sci.*, 44: 473 – 474.
- Chavez, F. P. and R. T. Barber, 1987. An estimate of new production in the Equatorial Pacific. *Deep-Sea Res.*, 34: 1229 – 1243.
- Chong, J. C., J. Sprintal, W. L. M. Morawitz, S. Hautala, N. A. Bray, and W. Pandoe, 2000. Transport through the outflow straits of Indonesia. *Geophys. Res. Lett.*, 27, 125 - 128
- Clark, C. O., J. E. Cole and P. J. Webster, 1999. Indian Ocean SST and Indian summer rainfall: predictive relationships and their decadal variability.
- Clarke, A. J. and X. Liu, 1983. Observations and dynamics of semiannual and annual sea levels near the eastern equatorial Indian Ocean boundary. *J. Geophys. Res.*, 23, 386 – 399.
- Cloern, J. E., C. Grenz and L. V. Lucas, 1995. An emperical model of the phytoplankton chlorophyll: carbon ratio – the conversion factor between productivity and growth rate. *Limnol. Oceanogr.*, 40 (7): 1313 – 1321.
- Cubbage, A., D. Lawrence, G. Tomasky and I. Valiela, 1999. Relationship of reproductive output in *Acartia tonsa*, chlorophyll concentration, and land-derived Nitrogen loads in estuaries of Waquoit Bay, Massachusetts. *Biol. Bull.*, 197: 294 – 295.
- Cullen, J. J., M. R. Lewis, C. O. Davis and R. T. Barber, 1992. Photosynthetic characteristics and estimated growth rates incate grazing is the proximate control of primary production in the Equatorial Pacific. *J. Geophys. Res.*, 97 (C1): 639 – 654.

- Dandonneau, Y., P. Y. Deschamps, J. M. Nicolas, H. Loisel, J. Blanchot, Y. Montel, F. Thieuleux and G. Bécu, 2004. Seasonal and interannual variability of ocean color and composition of phytoplankton communities in the North Atlantic, equatorial Pacific and South Pacific. *Deep-Sea Res.* II, 51: 303 – 328.
- Fieux, M., R. Molcard and A. G. Ilahude, 1996. Geostrophic Transport of the Pacific – Indian Oceans Throughflow. *J. Geophys. Res.*, 101 (C5): 12,421-12,432.
- Fiedler, P. C., V. Philbrick and F. P. Chaves, 1991. Oceanic upwelling and productivity in the eastern tropical Pacific. *Limnol. Oceanogr.*, 36 (8): 1834 – 1850
- Gabric, A. J. and J. Parslow, 1989. Effect of physical factors on the vertical distribution of phytoplankton in eutrophic coastal waters. *Aust. J. Mar. Freshw. Res.*, 189, 40, 559 – 569.
- Gordon, A. L., A. Ffield and A. G. Ilahude, 1994. Thermocline of the Flores and Banda Seas. *J. Geophys. Res.*, 88, 18,235 – 18,242.
- Hecky, R. E. And P. Kilham, 1988. Nutrient limitation of phytoplankton in freshwater and marine environments: a review of recent evidence on the effects of enrichment. *Limnol. Oceanogr.* 33 (4, part 2): 796 – 822.
- Hendiarti, N, 2003. Investigation on ocean color remote sensing in Indonesian waters using SeaWiFS. Dissertation. Der Mathematisch-Naturwissenschaftlichen Fakultät der Universität Rostock.
- Hendiarti, N., H. Siegel and T. Ohde, 2004. Investigation of different coastal processes in Indonesian waters using SeaWiFS data. *Deep-Sea Res.* II, 51: 85 – 97.
- Hendiarti, N., S. I. Sachoemar, A. Alkatiri dan B. Winarno, 1995. Pendugaan lokasi upwelling di perairan selatan P. Jawa – Bali berdasarkan tinjauan paramater fisika oceanografi dan konsentrasi klorofil-a. Prosiding Seminar Kelautan Nasional 1995. Panitia Pengembangan Riset dan Teknologi Kelautan serta Industri Maritim, Jakarta. Hal. I.10 – I.19.
- Hendiarti, N., Suwarso, E. Aldrian, K. Amri, R. Andiastuti, S. I. Sachoemar and I. B. Wahyono, 2005. Seasonal variation of pelagic fish catch around Java. *Oceanography I*, 18, 4, 112 – 123.
- Heyman, U. and A. Ludgren, 1988. Phytoplankton biomass and production in relation to phosphorus. *Hydrobiol.*, 170: 211 – 227

- Iizuka, S., T. Matsuura and T. Yamagata, 2000. The Indian Ocean SST dipole mode in a coupled general circulation model. American Geophys Union.
- Joint, I. R. and A. J. Pomroy, 1988. Allometric estimation of the productivity of phytoplankton assemblages. *Mar. Ecol. Prog. Ser.* 47: 161 – 168.
- Kennish, M. J., 1990. Ecology of estuaries. Vol. II. Biological aspects. CRC Pr.
- Kunz, T. J. And S. Diehl, 2005. Effects of mixing depth and nitrogen enrichment on the marine zooplankton, phytoplankton, light and mineral nutrients. Article 1. In Effects of mixing depth, turbulent diffusion and nutrient enrichment on enclosed marine plankton communities by Kunz, T. J. Dissertation. Der Fakultät für Biologie, der Ludwig-Maximilians-Universität München.
- Kutsuwada, K., 1998. Impact of wind/wind-stress field in the North Pacific constructed by ADEOS/NSCAT data. *J. Oceanogr.*, 54: 443 – 456.
- Lehman, J. T., 1991. Interacting growth and loss rates: The balance of top-down and bottom-up controls in plankton communities. *Limnol. Oceanogr.*, 36 (8): 1546 – 1554.
- Levinton, J. S., 1982. Marine ecology. Printice-Hall.
- Lumban Gaol, J., 2003. Kajian karakter oseanografi Samudera Hindia bagian timur dengan menggunakan multi sensor citra satelit dan hubunganya dengan hasil tangkapan tuna mata besar (*Thunnus obesus*). Disertasi. Sekolah Pascasarjana Instiut Pertanian Bogor.
- Matsuura, M., T. Sigimoto, M. Nakai, and S. Tsuji, 1997. Oceanographic conditions near the spawning ground of southern bluefin tuna: Northeastern Indian Ocean. *J. Oceanogr.*, 53: 421 – 433.
- Meyers, G., R. J. Bailey and A. P. Worby, 1995. Geostrophic transport of Indonesia throughflow. *J. Deep-Sea Res. I.* 42 (7): 1163 – 1174.
- Mitchida, Y., and H. Yoritaka, 1996. Surface currents in the area Indo-Pacific throughflow and in the tropical Indian Ocean Observed with surface drifters. *J. Geophys. Res.*, 101 (C5): 12,475 – 12,482.
- Parsons, T. R., M. Takahashi and B. Hargrave, 1984. Biological oceanography process. Third Edition. Pergamon Pr., New York.
- Peñaflor, E. L., C. L. Villanoy, C. T Liu and L. T. David, 2007. Detection of monsoonal phytoplankton blooms in Luson Strait with MODIS data. *Remote Sensing of Environment* 109 (2007) 443 – 450.

- Pemoroy, L., 1991. Relationship of primary and secondary production in lakes and marine ecosystems. In Comparative analyses of ecosystems. J. Cole, G. Lovett and S. Findlay (eds.). Springer-Verlag.
- Petemra, J. T., R. Lukas and G. T. Mitchum, 1997. Large-scale estimation of transport from the Pacific to the Indian Ocean. Abstract. *J. Geophys. Res.*, 102 (C13): 26,795.
- Piehler, M. F., L. J. Twomey, N. S. Hall and H. W. Paerl, 2004. Impacts of inorganic nutrient enrichment on phytoplankton community structure and function in Pamlico Sound, NC, USA. *Estuarine, Coastal and Shelf Sci.* 61: 197 – 209.
- Pond, S. and G. L. Pickard, 1983. Introductory dynamical oceanography. 2<sup>nd</sup> ed. British Library Cataloguing in Publication. Data.
- Potemra, J. T., J. Sprintall, S. L. Hautala, W. Pandoe. 2003. Observed estimates of convergence in the Save Sea, Indonesia. *J. Geophys. Res.*, 108 (C13): 3001, doi:10.1029/2002JC001507
- Purba, M., 1995. Evidence of upwelling and its generation stage off southern West Java during Southeast Monsoon. *Bul. Maritek*, 5: 21 – 39
- Purba, M., 2007. Dinamika perairan selatan Jawa – Sumbawa saat Muson Tenggara. *J. Torani*, 17 (2): 140 – 150.
- Quadfasel, D., A. Frische and G. Cresswell, 1996. The Circulation in the source area of the South Equatorial Current in the Eastern Indian Ocean. *J. Geophys. Res.*, 101 (C5): 12,483 – 12,488.
- Quadfasel, D. and G. R. Cresswell, 1992. A note on the seasonal variability of the South Java Current. *J. Geophys. Res.*, 97: 3685 – 3688.
- Reid, G. K. and R. D. Wood, 1976. Ecology of inland waters and estuaries. D. Van Nostrand.
- Saji, N. H., B. N. Goswami, P. N. Vinayachandran and T. Yamada, 1999. A dipole mode in the tropical Indian Ocean. *Nature* 401: 360 – 363.
- Smith, S. M. and G. L. Hitchcock, 1994. Nutrient enrichments and phytoplankton growth in the surface waters of the Louisiana Bight. *Estuaries* 17, 4, 740 – 753.
- Soeriaatmadja, R. E., 1957. The Coastal Current South of Java. *J. Mar. Freshwat. Res.*, 20: 51 – 54.

- Sprintall, J., A. L. Gordon, R. Murtugudde and R. D. Susanto, 2000. A semi-annual Indian Ocean forced Kelvin waves observed in Indonesian Seas, May 1997. *J. Geophys. Res.*, 105: 17217 – 17230
- Susanto, R. D., A. L. Gordon and Q. Zheng, 2001. Upwelling along the coast of Java and Sumatra and its relation to ENSO. *Geophys. Res. Lett.*, 28 (8): 1599 – 1602.
- Susanto, R. D., T. S. Moore II and J. Marra, 2006. Ocean color variability in the Indonesian Seas during the SeaWiFS era. *Geoschemistry Geophysics Geosystems*. Article. Vol 7 (5). Doi:10.1029/2005GC001009.
- Tett, P. And A. Edwards, 1984. Mixing and Plankton: an interdisciplinary the in oceanography. *Oceanogr. Mar. Biol. Ann. Rev.*, 22, 99 – 123.
- Tchernia, P., 1980. Descriptive regional oceanography. Pergamon marine ser.3.
- Tomascik, T., A. J. Mah, A. Nontji and M. K. Moosa, 1997. The Ecology of Indonesian Seas. *The Ecology of Indonesian Series*. Vol. VII. Periplus Eds. (HK) Ltd.
- Tomczak, M., 2002. Physical oceanography of waters south of Java. *An assessment*. Adelaide, South Australia.
- Tomczak, M. and J. S. Godfrey, 2002. Regional Oceanography: An Intorduction. Pdf version 1.2. Library of Congress Cataloguing-in Publication Data.
- U.S. Army, 2003. Engineering and design Coastal Engineering Manual. Department of the Army. U.S. Army corps of Engineers. Washington, DC.
- Valiela, I., 1984. Marine ecological processes. Library of Congress Catalogy in Publication. Data, New York, USA.
- Vinayachandran, P. N., S. Iizuka and T. Yamagata, 2001. Indian Ocean dipole mode events in an ocean general circulation model. Elsevier Science.
- Webster, P. J., J. P. Loschigg, A. M. Moore and R. R. Leben, 1998. The Great Indian Ocean Warming of 1997 – 1998: evidence of coupled oceanic-atmospheric in instabilities. *Submitted to Nature*.
- Woesik, R. Van, et al., 2004. Comment on “Coral Reef Death During the 1997 Indian Ocean Dipole linked to Indonesia Wildfires. *Science* 303, 1297a; Doi: 10.1126/science,1091983.

- Woodberry, K. E., M. E. Luther and J. J. O'brien, 1989. The wind-driven seasonal circulation in the southern tropical Indian Ocean. *J. Geophys. Res.* 94 (C12): 17,985 – 18,002.
- Wyrtki, K., 1961. Physical Oceanography of the Southeast Asean Waters, Naga Rep. 2. Scripps Inst. of Oceanography La jolla, Calif.
- Wyrtki, K., 1962. The upwelling in the region between Java and Australia during the Souht East Monsoon. *Aust. J. Mar. Freshwat. Res* 17: 217 – 225.