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DAFTAR PUSTAKA

Abdelwahab O.M.M., Bisantio, T., Millio, F., Gentile, F. 2013. Run off and Sediment Yield Modelling in a Medium-size Mediterranian watershed. Journal *of Agricultural Engineering* (44:7). pp (31-40).

Aboudha, P. A. O. dan Woodroffe, C. D. 2010. Assessing Vulnerability to Sea Level Rise Using a Coastal Sensitivity Index: A Case Study From Southeast Australia. *J Coast Conserv*. 14: 189-205.

Adarsh, S. dan Reddy, M. J. 2015. Multiscale Analysis of Suspended Sediment Concentration Data From Natural Channels Using the Hilbert-Huang Transform. *Aquatic Procedia*. 4: 780-788.

Ahmad M.F., Dong P., Mamat M., Nik W.B.W., Mohd M.H. 2011. The Critical Shear Stress for Sand and Mud Mixture. *Applied Mathematical Science*. 5(2):53-71.

Alhadi, Setiawan M.I., Yuni S.M., Purnawan S., Affan J.M., Ilhamsyah Y., dan Wafdan R. 2018. Distribution of Suspended Sediment Based on Tidal Activity at Kuala Pidie, Sigli City. *IOP Conference Series: Earth and Environmental Science.* Doi:10.1088/1755-1315/216/1/012018.

Allen G.P., Salomon J.C., Bassoullet P., Penhoat Y.D., Grandpre C.de. 1980. Effetcs of Tides on Mixing and Suspended Sediment Transport in Macrotidal Estuaries. *Sedimentary Geology*. 26(1-3): 69-90.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Asdak, C. 2001. *Hidrologi dan Pengelolaan Daerah Aliran Sungai*. Yogyakarta: Gadjah Mada University Press

Atmodjo W. 2016. Geomorfologi Pesisir Pantai Benteng Portugis, Kecamatan Donorejo, Kabupaten Jepara. *Jurnal Kelautan Tropis*. 19 (2): 150-160.

Baca P. 2008. Hysteresis effect in suspended sediment concentration in the Rybarik basin, Slovakia. *Hydrological Sciences Journal.* 5 (1): 224-235.

Balai PSDA Serang Lusi Juana. 2015. *Daftar Sungai Wilayah Kerja Balai PSDA Serang Lusi Juana*. http://bpusdataru-seluna.jatengprov.go.id/sungai.php

Bao, J. dan Gao, S. 2016. Environmental Characteristics and Land-use Pattern Changes of Old Huanghe River Delta, Eastern China, in The Sixteenth to twentieth Centuries. *Sustain Sci.* 11:695-709.

Bird E. 2008. Coastal Geomorphology: An Introduction (Second Edition). West Sussex: John Wiley & Sons, Ltd.

Boudet L., Sabatier F., Radakovitch O. 2017. Modelling of Sediment Transport Pattern in the Mouth of the Rhone Delta: Role of Storm and Flood Events. *Estuarine, Coastal, and Shelf Science*. 198: 568-582.

Braithwaithe, J. 2011. *An Introduction to Hydrodynamics*. Online: https://astro.uni-bonn.de/~jonathan/misc/hydro_notes.pdf.

Brondizio, E. S., Georgio, E. F., Szabo, S., Vogt, N., Sebesvari, Z., Renaud, F.G., Newton, A., Anthony, E., Mansur A.V., Matthews, Z., Hetrick, S., Costa, S.M.,

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Tessler, Z., Tejedor, A., Longjas, A., Dearing, J.A. 2016. Catalysing Action towards the Sustainability of Deltas. *Current Opinion in Environmental Sustanability.* 19: 182-194.

Bussi, G., Dadson, S. J., Prudhomme, C., Whitehead, P. G. 2016. Modelling the future impacts of climate and land use change on suspended transport in the River Thames (UK). *Journal of Hydrology*. 542: 357-372.

Castle K. M., Childress, T. M., dan Heaton, C. R. 2017. Sediment Source identification and load prediction in a mixed-use Piedmont watershed, South-California. *Journal of Environmental Management.* 185: 60-69.

Center for Operational Oceanographic Products and Services. 2018. Tides and Currents. https://tidesandcurrents.noaa.gov/harcon.html?id=9410170. Diakses 3 Juni 2019.

Cerralbo P.,Grifoll M.,dan Espino M. 2015. Hydrodynamic response in a microtidal and shallow bay under energetic wind and seiche episodes. *Journal of Marine Systems*. 49 (1-13).

Chakrapani, G, J. dan Subramanian, V. 1990. Factors Controlling Sediment Discharge in the Mahanadi River Basin, India. *Journal of Hydrology*. 117: 169-185.

Chandra V., Mohapatra P.K., Hillebrand G., dan Nestman F. 2010. Effect of Salinity on Suspended Sediment Cohesive Sediments. *International review of Civil Engineering* (IRECE). Vol x. no x.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Chandra V., Mohapatra P.K., dan Nestman F. 2012. Effect of Flow Depth, Ions, and Salinity on Suspended Sediment Concentration. *Journal of Hydraulic Engineering.* 138 (4): 348-352.

Chen, J., Zhu, H., Dong, Y., Sun, J. 1985. Development of the Changjiang Estuary and Its Submerged Delta. *Continental Shelf Research*. 4: 47-56.

Chen, H. dan Dyke, P. P. G. 1996. Multivariable Time Series Sediment Dynamical Model and Its Identification in Rufiji Delta, Tanzania. *Appl. Math. Modelling.* 20: 756-770.

Chough, S. L., Lee, H. J., Chun, S. S., dan Shinn, Y. J. 2004. Depositional Processes of Late Quartenary Sediments in The Yellow Sea: A Review. *Geosciences Journal.* 8 (2):211-264.

Davis, R.A. (Ed).1985. *Coastal Sedimentary Environments*. New York: Springer-Verlag.

Deltares. 2018. Delft-3D Flow User Manual. Delft: Deltares

Deltares. 2018. Delft-3D Wave User Manual. Delft: Deltares

DHI .2014. *MIKE 21 and MIKE 3 FLOW MODEL FM Mud Transport Module Scientific Documentation*. DHI: Harsholm.

Effendi H. 2003. *Telaah Kualitas Air*. Yogyakarta: Kanisius

Fadlillah, L. N. 2017. Respon Muara Sungai Wulan Akibat Hidrodinamika dan Aspek Fisik di Delta Wulan Kabupaten Demak Jawa Tengah. *Tesis*. Yogyakarta: Universitas Gadjah Mada.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Frings R.M., Doring R., Bechausen C., Schuttrumpf H., Vollmer S. 2014. Fluvial Sediment Budget of Modern, Restrained River: The Lower Reach of the Rhine in Germany. *Catena.* 122: 91-102.

Gao P. dan Josefson M. 2012. Event-based Suspended Sediment Dynamics in a Central New York Watershed. *Geomorphology*. 139-140: 425-437.

George, D., Gelfenbaum, G., Stevans, A. W. 2012. Modelling the Hydrodynamic and Morphologic Response of an Estuary restoration. *Estuaries and Coast*. 35: 1510-1529.

Gerwen W.v., Borsje B.W., Damveld J.H., Hulscher S.J.M.H. 2018. Modelling the Effect of Suspended Load Transport and Tidal Asymmetry on the Equilibrium Tidal Sand Wave Height. *Coastal Engineering*. 136: 56-64.

Girolamo, A. M. D., Pappagallo, G., dan Porto, A. L. 2015. Temporal Variability of Suspended Sediment Transport and Rating Curves in a Mediterranean River Basin: The Celone (SE Italy). *Catena.* 128:135-143.

Guo C., He Q., Guo L., dan Winterwerp J.C. 2017. A Study of In-situ Sediment Floacculation in the Turbidity Maxima of the Yangtze Estuary. *Estuarine, Coastal, and Shelf Science.* 191:1-9.

Hasan G.M.J., Maren D.S. van, Cheong H.F. 2012. Improving Hydrodynamic Modeling of an Estuary in a Mixed Tidal Regime by Grid Refining and Aligning. *Ocean Dynamics*. 62: 395-409.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Hu K., Ding P., Wang Z., Yang S. 2009. A 2D/3D Hydrodynamic and Sediment Transport Model for the Yangtze Estuary, China. *Journal of Marine System*. 77: 114-136.

Ikhsani, C., Koorsdaryani, dan Pratama, W.Y. 2017. Evaluasi Analisis Tegangan Geser pada Daerah Hulu dan Hilir Sudetan Wonosari Sungai Bengawan Solo. *E-Jurnal Matriks Teknik Sipil Edisi Juni 2017.* Hal 464-468.

Ilahude A.G. dan Nontji A. 1999. Oseanografi Indonesia dan Perubahan Iklim Global (El Nino dan La Nina). Majalah Lokakarya "Kita danPerubahan Iklim Global: Kasus El Nino dan La Nina". Jakarta: Akademi Ilmu Pengetahuan Indonesia

Islam, S. N. 2016. Deltaic floodplains development and wetland ecosystems management in the Ganges-Brahmaputera-Meghna River Delta in Bangladesh. *Sustain, Water Resur, Manage*. 2:237-256. DOI. 10.1007/s40899-016-0047-6.

Jalowska, A. M., McKee, B. A., Laceby, J. P., Rodriguez, A.B. 2017. Tracing the source, face and recycling of fine sediments across a river-delta interface. *Catena*. 154:95-106.

Ji, Z. G. 2008. *Hydrodynamics and Water Quality: Modelling River Lakes, and Estuaries.* New Jersey: John Wiley & Sons.

Jiang, A. W., Ranasinghe R., dan Cowell P. 2013. Contemporary Hydrodynamics and Morphological Change of a microtidal Estuary: A Numerical Modelling Study. *Ocean Dynamics.* 63:21-41.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Kavtsova, V. I., Mikhaolov, V. N., dan Kidyaeva, V. M. 2009. Hydrological regime, Mophological features and Natural terrirorial Complexes of Irrawady River Delta (Myanmar). *Water resources*. 36(3): 243-260.

Koller R.C.M., Kernkamp H.W.J., Dam A.v., Wegen M.v.d., Lucas L.V., Knowles N., Jaffe B., Fregoso T.A. 2017. Application of An Unstructured Volume Numerical Model To Flows And Salinity Dynamics In The San Fransisco Bay-Delta. *Estuarine, Coastal, and Shelf Science*. 192:86-107.

Kozyrakis, G.V., Delis, A. I., Alexandrakis, G., dan Kampanis, N. A. 2016. Numerical Modelling of Sediment Transport Applied to Coastal Morphodynamics. *Applied Numerical Mathematics*. 104:30-46.

Kurniawan A., Hasan G.M., Ooi S.K., Kit L.W., Loh L.L., dan Bayen S. 2014. Understanding Hydrodynamic Flow Characteristics in a Model Mangrove Ecosystem in Singapore. *APCBEE Procedia*. 10: 286-291.

Kurniawan E.A., Aditsania A., dan Gunawan P.H. 2018. Simulasi Gelombang Air Dangkal untuk Pembangkit Energi Oscillatiing Water Column. E-Jurnal matematika. 7(1):25-31.

Llebot C., Rueda F.J., Sole J., Artigas M.L., Estrada M. 2014. Hydrodynamic state in a winf driven microtidal estuary (Alfacs Bay). Journal of Sea Research. 85: 263-276.

Luan H.L., Ding P.X., Wang B. Z., Ge J.Z. 2017. Process-based morphodynamic modelling of the Yangtze Estuary at a decadal timescale: Controls on estuarine evolution and future trends. Geomorphology. 290: 347-364.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Maanen, B. V., Coco, G., Bryan, K. R., Friedrichs, C. T. 2013. Modelling the Morphodynamic Response of tidal Embayments to Sea Level Rise. *Ocean Dynamics*. 63: 1249-1262

Marfai, M. A., Almohammad, H., Dey, S., Susanto, B., dan King, L. 2008a. Coastal Dynamic and Shoreline Mapping: Multi-Sources Spatial Data Analysis in Semarang Indonesia. *Environ Monit Asses.* 142:297-308.

Marfai, M.A., King, L., Sartohadi, J., Sudrajat, S., Budiani, S. R., Yulianto, F. 2008b. The impact of Tidal Flooding on Coastal Community in Semarang Indonesia. *Environmentalist.* 28:237-248

Marfai, M. A., King, L., Singh, L. P., Mardiatno, D., Sartohadi, J., Harmoko, D. S., dan Dewi, A. 2008c. Natural Hazards in Central Java Province, Indonesia: An Overview. *Environ Geol.* 56: 335-351.

Marfai, M. A. 2014. Impact of Sea Level Rise to Coastal Ecology: A Case Study on The Nothern Part of java Island, Indonesia. *Questiones Geographical*. 33:108-114.

Marfai, M. A., Tyas, D. W., Nugraha, I., Ulya, A. F., Riasasi, W. 2016. The Morphodynamics of Wulan Delta and Its Impact on the Coastal Community in Wedung Sub-district, Demak Regency, Indonesia. *Journal of Environmental Protection.* Vol. 7:60-71.

Mitchel, S. B., Jennerjahn, T. C., Vizzini, S., dan Zhang, W. 2015. Changes to Processes in Estuaries and Coastal Waters due to Intense Multiple Pressures-An Introduction and Synthesis. *Estuarine, Coastal, and Shelf Science*. 156:1-6

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Mondal, I., Bandyopadhyay, J., Paul, A. Kr. 2016. Estimation of Hydrodynamic pattern change of Ichamati River using HEC RAS model, West Bengal. *Model Earth Syst. Environ*. 2:125. DOI 10.1007/s40808-016-0138-2.

Moskalski, S. M dan Sommerfield, C. K. 2012. Suspended Sediment Deposition and Trapping Efficiency in a Delaware Salt Marsh. *Geomorphology.* 139-140:195-204

Mulerli, A. 2010 .Dampak Angkutan Sedimen terhadap Pembentukan Delta di Muara Sungai Bone, Provinsi Gorontalo. *Widyariset.*13(3):35-39.

Mukai A.Y., Westerink J.J., Luettich R.A. 2002. Guidelines for Using Eastcoast 2001 Database of Tidal Constituents within Western North Atlantic Ocean,Gulf of Mexico and Caribbean Sea. *US Army Corps of Engineers.* Pp: 1-20. ERDC/CHL CHETN-IV-40

Natesan, U., Rajalakshmi, P. R., Murthy, M.V.R., dan Ferrer, V.A. 2015. Nearshore Wave Climate and Sediment Dynamics along South East Coast of India. *J. Indian Soc Remote Sens*. 43(2):415-427.

Nguyen, H. H., McAlpine, C., Leisz, S.J., dan Galina, G. 2015. Drivers of Coastal Shoreline Change:Case Study of Hon Dat Coast, Kien Giang, Vietnam. *Environmental Management*. 55:1093-1108.

Nichols M.M. dan Biggs R.B. 1985. Estuaries. dalam Jr. Davis R.A. (Ed), *Coastal Sedimentary Environments* (hal. 77-173). New York: Springer-Verlag.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Nurdiansyah, R. Subardjo, P., Helmi, M. 2014. Luas Area genangan Banjir Pasangn Pada Kawasan Pemukiman di Kecamatan Sayung Kabupaten Demak-Provinsi Jawa tengah. *Jurnal Oseanografi*. 3(4): 574-581.

Ongkosongo, O. S. R. 2010. Kuala, Muara Sungai, dan Delta. Jakarta: Lembaga Ilmu Pengetahuan Indonesia

Pahlevi R., Adnan A., Sugiarto S. 2010. *Menentukan Koefisien Regresi Eksponensial dengan Metode Kuadrat Terkecil Sederhana dan Metode Kuadrat terkecil Berbobot*. https://repository.unri.ac.id/xmlui/bitstream/handle/123456789/4271/Karya%20Ilmiah%20Riza%20Pahlevi.pdf?sequence=1&isAllowed=y (diakses pada 14 Agustus 2019)

Paterson, D. M. dan Black, K. S. 1999. *Water Flow, Sediment Dynamics, and Benthic Biology* dalam Nedwell D.B. dan Rafelli D.G.1999. *Estuaries Advances in Ecological Research*. London: Academic Press.

Pethick, J. 1984. *An Introduction to Coastal Geomorphology*. Great Britain: Butler & Tanner Ltd, Frome, Somerset.

Portela, L. I. 2008. Sediment Transport and Morphodynamics of The Douro River Estuary. *Geo-Mar Lett*. 28:77-86.

Priya K.L., Jegathambal P., dan James E.J. 2016. Salinity and Suspended Sediment Transport in a Shallow Estuary on The East Coast of India. *Regional Studies in marine Science.* 7: 88-99.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Ralston D.K., Geyer W.R., Traykovski P.A., Nidzieko N.J. 2013. Effects of Esturine and Fluvial Processes on Sediment Transport over Deltaic Tidal Flat. *Continental Shelf Research.* 605: 540-557.

Rampengan R.M. 2013. Amplitudo Konstanta Pasang Surut M2, S2, K1, dan O1 di perairan Sekitar Kota Bitung Sulawesi Utara. *Jurnal Ilmiah Platax.* 1(3): 118-124.

Reineck, H. E. and Singh, I. B. 1975. *Depositional Sedimentary Environments.* New York: Spronger-Verlag

Renaud, F. dan Kuenser, C. 2012. *The Mekong Delta System*: Interdisiplinary

Rijn, L.C.V. 1997. Sediment Transport and Budget of The Central Coastal Zone of Holland. *Coastal Engineering*. 32:61-90.

Romano G., Abdelwahab O.M.M., Gentile F. 2018. Modelling land use changes and their impact on sediment load in a Mediterranean Watershed. *Catena.* 163: 342-353.

Roswaty, S., Muskanfola, M. R., dan Purnomo, P. W. 2014. Tingkat Sedimentasi di Muara Sungai Wedung Kecamatan Wedung, Demak. *Management Aquatic Resources.* 3(2): 129-137.

Ruswanto, M. 1996. Delta Wulan Jepara terus Meluas. *Media Riset Akuntansi Trisakti*. 14: 16-19.

Savenji H.H.G. 2012. *Salinity and Tides in Alluvial Estuaries*. Delft: Delft University of Technology.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Sembiring, A. E., Mananoma, T., Wusian, E. M. 2014. Analisis Sedimentasi di Muara Sungai Panasen. *Jurnal Teknik Sipil Statik*. 2 (3): 148-154.

Septiangga, B., Apriyana D., Manuhana R. J., Antika R. 2017. Landsat Image TM and OLI/TIRS Application for Monitoring the Destruction of Mangrove Forest Ecosystem in Wulan River Delta, Indonesia. *Proceeding on The 14th Hokkaido Indonesian Student Association Scientific Meeting Sapporo. Innovation and Technology*. 52-22. ISSN: 2597-8640

Siegle, E., Schettini, C. A. F., Klein, A.H.F., and Jr. Toldo, E. E. 2009. Hydrodynamics and suspended sediment transport in the camboriu estuary-Brazil: Pre Jetty Conditions. *Brazilian Journal Oceanography*. 57 (2): 123-135.

Soewarno. 1991. *Pengukuran dan Pengelolaan Data Aliran Sungai (Hidrometri).* Bandung: Nova.

Soewarno. 2014. *Aplikasi Metode Statistika Untuk Analisis Data Hidrologi*. Graha Ilmu: Yogyakarta.

Sravanthi, N., Ramakrishnan, R., Rajawat, A. S., dan Narayana, A. C. 2015. Application of Numerical Model in Suspended Sediment Transport Studies along the Central Kerala, West Coast of India. *Aquatic Procedia*. 4:109-116.

Stalker, J. C., Price, R. M., Rivera-Monroy, V. H., Herrera-Silveira, J., Morales, S., Benitez, J. A., Alonzo-Parra, D. 2014. Hydrological Dynamics of a Subtropical Estuary Using Geochemical Tracers, Celestun, Yucatan, Mexico. *Estuaries and Coast.* 37:1376-1387.

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Stanley, S. M. dan Luczaj, J. A. 2015. *Earth System History*. W.H. Freeman and Co.

Suara Merdeka. 2012. *Abrasi Ancam Tiga Desa di Wedung Ratusan Hektare Tambak Tenggelam.*

http://www.suaramerdeka.com/v1/index.php/read/cetak/2012/06/25/190521/-Ratusan-Hektare-Tambak-Tenggelam

Sunarto. 2004. Perubahan Fenomena Geomorfik Daerah Kepesisiran di Sekeliling Gunung Api Muria Jawa Tengah (Kajian Paleogeomorfologi. *Disertasi*. Yogyakarta: Universitas Gadjah Mada.

Sunarto, 2008. Geomorphological Development of the Muria Palaeo Strairt in the Relation to The Morphodynamics of The Wulan Delta, Central Java. *Indonesian Journal of Geography*. 40 (2):177-185.

Suyana, J. dan Muliawati, E. S. 2014. Analisis Kemampuan Lahan pada Sistem Pertanian di Sub DAS Serang Daerah Tangkapan Waduk Kedung Ombo. *Jurnal Ilmu Tanah dan Agroklimatologi*. 11(2): 139-149.

Sverdrup K.A., Duxbury A.B., dan Duxbury A.C. 2006. Fundamentals of Oceanography: Fifth Edition. New York: McGraw-Hill.

Thanh V.Q., Reyns J., Wackerman C., Eidam E.F., Roelvink D. 2017. Modelling Suspended Sediment Dynamics on The Subaquous Delta of the Mekong River. *Continental Shelf Research*. 147:213-230.

Tjasyono, B. 2004. *Klimatologi*: Edisi Kedua. Bandung: Penerbit ITB

UNIVERSITAS GADJAH MADA
STUDI MORFODINAMIKA DELTA WULAN AKIBAT PROSES ANGKUTAN SEDIMEN DAN HIDRODINAMIK DI DEMAK JAWA TENGAH
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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Triatmodjo, B. 2016. *Hidraulika I.* Yogyakarta: Beta offset

Tsai, C. T., Tsai, C. H., Weng, C. H., Bair, J. J., dan Chen, C. N. 2010. Calculation of bedload based on the measured data of suspended load. *Paddy Water Environ.* 8:371-384.

Vercruysse, K., Grabowski, R. C., dan Rickson, R. J. 2017. Suspended Sediment Transport Dynamics in Rivers: Multiscale Drivers of Temporal Variation. *Earth Science Reviews*. 166: 38-52.

Wang X., Zhao X., Zhang Z., Yi L., Zuo L., Wen Q., Liu F., Xu J., Hu S., Liu B. 2016. Assessment of soil erosion and its relationship with land use/ cover change in China from the end of the 1980 to 2010. *Catena*. 13: 256-268.

Wang, N., Li, G., Qiao, L., Shi, J., Dong, P., Xu, J., dan Ma, Y. 2017. Longterm evolution in the location, propagation, and magnitude of the tidal shear front off the Yellow River Mouth. *Continental Shelf Research*. 1-41. DOI. http://dx.doi.org/10.1016/j.csr.2017.01.020.

Warrick J. A., Melack J.M., Goodridge B.M. 2015. Sediment yields from small, steep coastal watersheds of California. *Journal of Hydrology: Regional Studies*. 4: 516-534

Wei, X. dan Wu, C. 2014. Long-term Process-based Morphodynamic Modelling of The Pearl River Delta. Ocean Dynamics. 64:1753-1765.

UNIVERSITAS GADJAH MADA
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Wibowo M. 2001. Pemodelan Statistik Hubungan Debit dan Kandungan Sedimen Sungai: Contoh Kasus di DAS Citarum-Nanjung. *Jurnal Teknologi Lingkungan*. 2(3): 255-260.

Wright, L. D.1985. River Deltas. dalam Jr. Davis R.A. (Ed). 1985. *Coastal Sedimentary Environments* (hal. 1-76). New York: Springer-Verlag.

Wright S.A. 2005. Estimating Sediment Budgets at the Interface between Rivers and Estuaries with Application to the Sacramento-Sa Joaquin River Delta. Water Resources Research. 41. Doi: 10.1029/2004WR003753

Yan R., Zhang X., Yan S., Chen H. 2018. Estimating soil erosion response to land use/ cover change in a catchment pf the Loess Plateau, China. *International Soil and Water Conservation Research*. 6: 13-22.

Yang, Z., Wang, T., Voisin, N., and Copping, A. 2015. Estuarine Response to River Flow and Sea Level Rise under Future Climate Change and Human Development. *Estuarine, Coastal and Shelf Science*. 156: 19-30.

Yin Y., Karunarathna H., Reeve D.E. 2019. Numerical Modelling of Hydrodynamic and Morphodynamic Response of a Meso-Tidal Estuary Inlet to the Impact of Global Climate Change. *Marine Geology*. 407: 229-247

Yun, C.X. 2004. *Recent Evolution of the Yangze Estuary and Its Mechanisms.* Ocean Press: Beijing.

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Universitas Gadjah Mada, 2020 | Diunduh dari http://etd.repository.ugm.ac.id/

Zang F., Sun J., Lin B., dan Haung G. 2018. Seasonal Hydrodynamic Interaction Between Tidal Waves and River Flows in the Yangtze Estuary. Journal of Marine Systems. 186: 17-28.