

## DAFTAR PUSTAKA

- Alviansyah, A (2019). Perencanaan Desain Kolam Pengendapan Pada Bukit 7 PT ANTAM Tbk UBP Bauksit, Tayan, Kabupaten Sanggau, Provinsi Kalimantan Barat. 1–68.
- Anderson, W. (2020). *Turbulent Channel Flow Over Heterogeneous Roughness At Oblique Angles*. *Journal Of Fluid Mechanics*, 886. <https://doi.org/10.1017/jfm.2019.1022>
- Awang Suwandi. (2004). Diklat Perencanaan Tambang Terbuka. Bandung: Universitas Islam Bandung.
- Bagherimiyab, F., & Lemmin, U. (2018). *Large-Scale Coherent Flow Structures In Rough-Bed Open-Channel Flow Observed In Fluctuations Of Three-Dimensional Velocity, Skin Friction And Bed Pressure*. *Journal Of Hydraulic Research*, 56(6), 806–824. <https://doi.org/10.1080/00221686.2017.1416686>
- Baktiar, A. H., & Basith, A. (2020). Analisis Kandungan *Total Suspended Solid* (TSS) Menggunakan Citra Satelit *Worldview 3* Diperairan Karimunjawa. *Elipsoida : Jurnal Geodesi dan Geomatika*, 3(02), 112–118. <https://doi.org/10.14710/elipsoida.2020.9210>
- Bolla Pittaluga, M., & Imran, J. (2014). *A Simple Model For Vertical Profiles Of Velocity And Suspended Sediment Concentration In Straight And Curved Submarine Channels*. *Journal Of Geophysical Research: Earth Surface*, 119(3), 483–503. <https://doi.org/10.1002/2013JF002812>
- Cao, L., Weitbrecht, V., Li, D., & Detert, M. (2021). *Airborne Feature Matching Velocimetry For Surface Flow Measurements In Rivers*. *Journal Of Hydraulic Research*, 59(4), 637–650. <https://doi.org/10.1080/00221686.2020.1818309>
- Choi, S. U., Park, M., & Kang, H. (2007). *Numerical Simulations Of Cellular Secondary Currents And Suspended Sediment Transport In Open-Channel Flows Over Smooth-Rough Bed Strips*. *Journal Of Hydraulic Research*, 45(6), 829–840. <https://doi.org/10.1080/00221686.2007.9521820>
- De Leeuw, J., P. Lamb, M., Parker, G., Moodie, A. J., Hought, D., G. Venditti, J., & Nittrouer, J. A. (2020). *Entrainment And Suspension Of Sand And Gravel*. *Earth Surface Dynamics*, 8(2), 485–504. <https://doi.org/10.5194/esurf-8-485-2020>
- Dwianti, R. F., Widada, S., Program, H., Oseanografi, S., Perikanan, F., Kelautan, I., Diponegoro, U., Soedarto, J. H. (2017). Distribusi Sedimen

Dasar Di Perairan Pelabuhan Cirebon (Vol. 6, Nomor 1). <http://ejournal-s1.undip.ac.id/index.php/jose.50275Telp/Fax>

Gemilang, W. A., Kusumah, G., Wisna, U. J., & Arman, A. (2017). Laju Sedimentasi Di Perairan Brebes, Jawa Tengah Menggunakan Metode Isotop 210pb. *Jurnal Geologi Kelautan*, 15(1). <https://doi.org/10.32693/jgk.15.1.2017.328>

Hendinie, S. U., Nurhakim, N., & Novianti, Y. S. (2023). Evaluasi Pengolahan Air Pada *Settling Pond*: Studi Kasus PT Hasnur Riung Sinergi. *Jurnal Himasapta*, 8(2), 133. <https://doi.org/10.20527/jhs.v8i2.9953>

Hutagalung, G., Pangkung, Y. G., Pertambangan, J. T., Pertambangan, T., Perminyakan, D., Papua, U., Salju, J. G., & Manokwari, A. (2018). Perencanaan Teknis Sistem Penyaliran Tambang Batubara Pada PT. Nan Riang Kabupaten Batanghari Provinsi Jambi. *Jurnal Penelitian Tambang (Vol. 1, Nomor 1)*.

Irwan, A., Gunawan, S., Wahyunus, M., & Mulyanto, H. (2020). Simulasi Pemodelan Numerik Hidrodinamika dan Aliran Sedimen pada Bendung PLTA Musi-Bengkulu. (Vol. 2, Nomor 2). <http://journal.itsb.ac.id/index.php/JAPPS>

Kevin, K., Monty, J., & Hutchins, N. (2019). *Turbulent Structures in a Statistically Three-Dimensional Boundary Layer*. *Journal Of Fluid Mechanics*, 859, 543–565. <https://doi.org/10.1017/jfm.2018.814>

Kim, D.-G. (2007). *Numerical Analysis Of Free Flow Past A Sluice Gate*. *KSCE Journal of Civil Engineering*, 11(2), 127–132. <https://doi.org/10.1007/bf02823856>

Masrur, M. (2016). Simulasi Numerik 3D Pengaruh Penambahan *Triangular Bump* Pada *Aliran Backward-Facing Step* Simulasi Numerical 3D *Effect of Triangular Bump in Addition Backward-Facing Step Flow*.

Nurhaliza, N., Putra, Y. S., & Kushadiwijayanto, A. A. (2023). Studi Numerik Pola Aliran di Sekitar Pintu Air Menggunakan Pendekatan Komputasi Dinamika Fluida. *Prisma Fisika*, 10(3), 241. <https://doi.org/10.26418/pf.v10i3.57851>

Pranata, A., Sari, N. K., Tahir, T., Fahmi, A. G., Habibie, H., Choiron, D., & Triwibowo, D. (2024). *Mine Water Management In The Coal Mining Process*. *Sustainable Environmental And Optimizing Industry Journal*, 6(1), 1–12. <https://doi.org/10.36441/seoi.v6i1.2285>

Rahma Aulia. (2018). Perencanaan Sistem Penyaliran Tambang Batubara PT. Indoasia Cemerlang, *Job Site* Kintap, Kabupaten Tanah Laut, Provinsi Kalimantan Selatan. *Jurusan Teknik Pertambangan*, 1–79.

- Ramini, H., Fael, C. M. S., Taborda, C. S. B. T., Yuan, S., Tang, X., Singh, P. K., Fardoost E., Santos, C. A. V. (2023). *Numerical Modelling of Turbulence Kinetic Energy in Open Channel Flows with Mixed-Layer Vegetation*. *Water Journal*. <https://doi.org/10.3390/w15142544>
- Randa, A. M., Patandianan, E. A., & Marisan, I. (2021). Sebaran Sedimen Berdasarkan Analisis Ukuran Butir Di Sepanjang Sungai Nuni Kabupaten Manokwari Provinsi Papua Barat. *Jurnal Maritim*, 3(1).
- Rauf, A dan Hanis, redha nagara. (2018). Rancangan Teknis Kolam Pengendapan Pada Unit Pencucian Bauksit “Bukit 15” PT. Aneka Tambang (Persero) Tbk. Kecamatan Tayan Hilir. *ReTII*. 138–146. <https://journal.itny.ac.id/index.php/ReTII/article/view/980>
- Rojas-Aguirre, A. F., & Garcia, M. H. (2025). *Experiments On Entrainment Of Tailings Into Suspension In An Annular Flume*. *Journal Of Hydraulic Engineering*, 151(1). <https://doi.org/10.1061/Jhend8.Hyeng-14095>
- Sukhodolov, A. N., Krick, J., Sukhodolova, T. A., Cheng, Z., Rhoads, B. L., & Constantinescu, G. S. (2017). *Turbulent Flow Structure At A Discordant River Confluence: Asymmetric Jet Dynamics With Implications For Channel Morphology*. *Journal Of Geophysical Research: Earth Surface*, 122(6), 1278–1293. <https://doi.org/10.1002/2016JF004126>
- Suripin. (2004). *Sistem Drainase Perkotaan yang Berkelanjutan, 1st ed. Andi Offset, Yogyakarta*.
- Thiansy, E. (2023). Rancangan Teknis Sistem Pengolahan Air Pada Kolam Pengendapan PT Jhonlin Baratama Jobsite PT Baramega Citra Mulia Persada. *ReTII*. 18(1), pp. 286–294 <https://journal.itny.ac.id/index.php/ReTII/article/view/4278>
- Ulfah Hendinie, S., & Siska Novianti, Y. Evaluasi Pengolahan Air Pada *Settling Pond*: Studi Kasus PT Hasnur Riung Sinergi *Evaluation Of Water Treatment In Settling Pond: Case Study Of PT Hasnur Riung Sinergi*. *Jurnal Himasapta* (Vol. 8, Nomor 2).
- Widodo, S., & Nurwaskito, A. (2017). Kajian Sistem Penyaliran Pada Tambang Terbuka Kabupaten Tanah Bumbu Provinsi Kalimantan Selatan. *Jurnal Geomine* (Vol. 5, Nomor 2).
- Willert, C. E., Cuvier, C., Foucaut, J. M., Klinner, J., Stanislas, M., Laval, J. P., Srinath, S., Soria, J., Amili, O., Atkinson, C., Kähler, C. J., Scharnowski, S., Hain, R., Schröder, A., Geisler, R., Agocs, J., & Röse, A. (2018). *Experimental Evidence Of Near-Wall Reverse Flow Events In A Zero Pressure Gradient Turbulent Boundary Layer*. *Experimental Thermal And Fluid Science*, 91, 320–328. <https://doi.org/10.1016/J.Expthermflusci.2017.10.033>

Yang, J., & Anderson, W. (2018). *Numerical Study Of Turbulent Channel Flow Over Surfaces With Variable Spanwise Heterogeneities: Topographically-Driven Secondary Flows Affect Outer-Layer Similarity Of Turbulent Length Scales*. *Flow, Turbulence And Combustion*, 100(1), 1–17. <https://doi.org/10.1007/s10494-017-9839-5>

Zhong, Q., Chen, Q., Wang, H., Li, D., & Wang, X. (2016). *Statistical Analysis Of Turbulent Super-Streamwise Vortices Based On Observations Of Streaky Structures Near The Free Surface In The Smooth Open Channel Flow*. *Water Resources Research*, 52(5), 3563–3578. <https://doi.org/10.1002/2015WR017728>