

DAFTAR PUSTAKA

- Atmodjo, U.S., (2001), *Distribusi Sedimen Suspensi Pada Aliran Seragam Saat Awal Gerak Butiran Sedimen Dasar*, Tesis S-2, Universitas Gadjah Mada, Yogyakarta.
- Baek K O, Seo I W, Lee K W., (2006), New Equation on treamwise Variation of Secondary Flow in Meandering Channels, *KSCE J. Civil. Eng*, 2006, 26, 4B: 371-378 (In Korean).
- Blanckaert, K, and de Vriend, H.J., (2004), Secondary Flow in Sharp ope-channel Bends, *Journal Fluid Mechanic*, vol. 498, pp 353-380, Cambridge University Press, England.
- Blanckaert, K. and de Vriend, H.J., (2005), Turbulence Structure in Sharp Open Channel Bends, *Journal of Fluid Mechanics*, Vol. 536, pp.27-48.
- Blanckaert, K. and Graf, W.H, (2001), Mean Flow and Turbulence in Open Channel Bends, *Journal of Hydraulic Engineering*, Vol. 127, No.10, ASCE, pp.835-847.
- Corney. R.K.T., (2006), The Orientation of Helical Flow in Curved Channels, *Sedimentology Journal*, No.53, pp. 249 - 257
- Cellino. M. and Graf, W.H., (1998), Sediment-Laden Flow in Open-Channels Under Noncapacity and Capacity Conditions, *Journal of Hydraulic Engineering*, Vol. 125, No. 1-6, ASCE, pp.455-462.
- Coleman, N. L., (1986), Effect of Suspended Sedimen on The Open Channel Velocity Distribution, *Water Resources Research*, Vol.22 No. 10 pg 1377-1384 , Misissippi USA.
- Cui, H., and Singh, V.P., (2014), Suspended Sediment Concentration in Open Channels Using Tsallis Entropy, *Journal of Hydraulic Engineering*, Vol.19, No.5, ASCE, pp.966-977.
- Einstein. H.A., and Chien, N., (1995), *Effect of Heavy Sediment Concentration Near the Bed on Velocity and Sediment Distribution*, M.R.D. Sediment Series No. 8, University of California, Barkeley, California
- Garde. R.J. and Raju. K.G.R., (1977), *Mechanics of Sediment Transportations and Alluvial Stream Problems*, 2nd Edition, Wiley Eastern limited, New Delhi.
- Graf, W.H., (1971), *Hydraulics of Sediment Transport*, McGraw-Hill Book Company, New York.
- Graf, W. H., and Altinakar, M. S., (1998), *Fluvial Hydraulics*, John Wiley & Sons, Ltd., Chichester, England.
- Jansen, P. Ph., Bendegom. L, van., Vries, M, de., den Berg, J and Zanen, A., (1979), *Principles of River Engineering The Non-Tidal Alluvial River*, Pitman, London, England..

- Jin, Y-C., Steffler, PM and Hicks, FE., (1990), Roughness Effects on Flow and Shear Stress Near outside Bank of Curved Channel, *J. Hidraul, Eng.*, 116(4), 563-557.
- Kawai, S. and Julien, P.Y., (1996), Point Bar Deposits in Narrow Sharp Bends, *Journal of Hydraulic Research*, Vol. 34, No. 2, pp.205-218.
- Kironoto, B.A., (1993), *Turbulence Characteristics of Uniform and Non Uniform, Rough Open-Channel Flow*, Doctoral Disertation No. 1094, Ecole Polytechnique Federale de Lausanne (EPFL), Switzerland.
- Kironoto, B.A., and Graf, W.H., (1994), Turbulence Characteristics in Rough Non-Uniform Open-Channel Flow, *Water Maritime and Energy – Proceedings of The Institution of Civil Engineers*, Vol.112.
- Kironoto, B.A., 1997, “*Diktat Kuliah Hidraulika Transpor Sedimen*”, Program Studi Teknik Sipil Pascasarjana Universitas Gadjah Mada, Yogyakarta.
- Kironoto, B.A., (2007a), Kajian Lokasi Pengambilan Sampel Sedimen Suspensi Arah Transversal Terhadap Nilai Konsentrasi Sedimen Suspensi Rata-rata Tampang, *Dinamika Teknik Sipil* Volume 7 No.2, pg 101 - 108, Yogyakarta
- Kironoto, B.A., (2007b), Pengaruh Angkutan Sedimen Dasar (Bed Load) Terhadap Distribusi Kecepatan Gesek Arah transversal pada Aliran Seragam Saluran Terbuka. *Forum Teknik Sipil* No. XVII, pg 566 – 579, Yogyakarta.
- Kironoto, B.A, Lutjito dan Nugraha, D.H., (2007), Karakteristik Aliran Tidak Seragam dengan Sedimen Suspensi pada Saluran Terbuka, *Dinamika Teknik Sipil* Volume 7 No.2, pg 154 - 162, Yogyakarta.
- Kironoto, B.A., (2008), Konsentrasi Sedimen Suspensi Rata-rata kedalaman berdasarkan Pengukuran 1,2 dan 3 Titik pada Aliran Seragam Saluran Terbuka, *Dinamika Teknik Sipil* Volume 8 No.1, pg 59 - 71, Yogyakarta.
- Kironoto, B.A, and Yulistiyanto. B., (2009), The Validity of Rouse Equation For Predicting Suspended Sediment Concentration Profiles in Transversal Direction of Uniform Open Channel Flow, *International Conference on Sustainable Development for Water and Waste Water Treatment*, Yogyakarta.
- Kironoto, B.A, Yulistiyanto, B. Istiarto, Sumiadi, Bayu Nugroho, dan Anton Ariyanto., (2012), Validitas Metode Clauser untuk Penentuan Kecepatan Gesek, u^* pada Saluran Menikung, *Dinamika Teknik Sipil* Volume 12 No.3, pg 239 - 246, Yogyakarta.
- Kundu, S., (2016), Effect of Lateral Bed Roughness Variation on Particle Suspension in Open Channels, *Environ Earth Sci*, Springer, 75:.631. doi:[10.1007/s12665-016-5418-7](https://doi.org/10.1007/s12665-016-5418-7)
- Lutjito., (2002), *Sedimen Suspensi Pada Kondisi Aliran Diperlambat Dalam Saluran Terbuka*, Tesis S-2, Universitas Gadjah Mada, Yogyakarta.

- Muharis, C., (2015), *Karakteristik Aliran Sedimen Suspensi Pada Saluran Menikung*, Disertasi S-3, Universitas Gadjah Mada, Yogyakarta.
- Nugraha, D.H., (2002), *Sedimen Suspensi Pada Aliran Dipercepat Tanpa Angkutan Sedimen Dasar*, Tesis S-2, Universitas Gadjah Mada, Yogyakarta.
- Purnama, A., (2014), *Konsentrasi Sedimen Suspensi Pada Belokan Saluran (Studi Kasus Saluran Irigasi Mataram)*, Tesis S-2, Universitas Gadjah Mada, Yogyakarta.
- Rijn, L. van., (1982), Equivalent roughness of alluvial bed, *J. Hyd. Div.*, ASCE, 108(HY10): pg 1215–1218.
- Rozovskii, I.L., (1957), *Flow of Water in Bend of Open Channels*, Ac.Sc. Ukr. SSR; Isr. Progr. Sc. Transl., Jerusalem.
- Sjarbainy, N., (2006), *Distribusi Sedimen Suspensi Aliran Seragam Pada Saluran Terbuka Tampang Trapesium (Studi Kasus Saluran Mataram, Yogyakarta)*, Tesis S-2, Universitas Gadjah Mada, Yogyakarta.
- S. Lv, H. Tang, Y. Xue, S. Yuan, X. Bai, (2015) Laboratory Measurement of Suspended Sediment Concentration by Using ADV, *Proceedings of the 6th International Asia Conference on Industrial Engineering and Management Innovation*, pp. 91-100.
- Song, T and Chiew, Y.M., (2001), *Turbulent Measurement in Non-Uniform Open-Channel Flow Using Acoustic Doppler Velocimeter (ADV)*. *J.Eng. Mechanics.*, 127(3), 219-232.
- Vanoni, V.A and Brooks, N.H., (1957), *Laboratory Studies of the Roughness and suspended load of Alluvial Streams*, Calif. Inst. Technol.Sed. Lab., Pasadena, no.E 68, Pub. No.149.
- Wang, Z.Q and Cheng, N.S., 2005, Secondary Flow Over Artificial Bed Strips. *Advance in Water Resources*. Vol.28, No.5, pp.441 – 450. Nanyang Technological University, Singapore.
- Yang, C.T., (1996), *Sediment Transport Theory and Practice*, The McGraw-Hill Companies, Inc, United States of America.
- Yustiana, F., (2003), *Kajian Metode Pengukuran Konsentrasi Sedimen Suspensi Arah Transversal Pada Aliran Seragam*, Tesis S-2, Universitas Gadjah Mada, Yogyakarta.
- Yusuf, R., (1999), *Pengukuran dan Prediksi Distribusi Sedimen Suspensi pada Saluran Terbuka*, Tesis S-2, Universitas Gadjah Mada, Yogyakarta.
- Zainudin, M., (2002), *Distribusi Sedimen Suspensi Pada Aliran Seragam Dengan dan Tanpa Angkutan Sedimen Dasar*, Tesis S-2 Universitas Gadjah Mada, Yogyakarta.