

DAFTAR PUSTAKA

- ANSYS Inc. (2023). *Ansys Fluent user's guide*. Canonsburg, PA: ANSYS Inc.
- ASME V&V 20-2009. (2009). *Standard for verification and validation in computational fluid dynamics and heat transfer*. New York: American Society of Mechanical Engineers.
- Badan Standardisasi Nasional. (2016). SNI 2415:2016: Tata cara perhitungan debit banjir rencana. Jakarta: Badan Standardisasi Nasional.
- BBWS Ciliwung Cisadane. (2024). Surat Usulan teknis debit pengambilan air baku SPAM Jatisari [Dokumen tidak dipublikasikan]. Kementerian Pekerjaan Umum dan Perumahan Rakyat, Direktorat Jenderal Sumber Daya Air.
- BBWS Ciliwung Cisadane. (2026). Data hidrologi dan geometri Sungai Cikeas Hulu: debit dan tinggi muka air Stasiun Cikeas Nagrak, data *cross section*, dan *long section* periode 2020–2024 (Surat No. PA0102/B/Bbws4/2026/047, 5 Mei 2026) [Dokumen tidak dipublikasikan]. Kementerian Pekerjaan Umum dan Perumahan Rakyat, Direktorat Jenderal Sumber Daya Air.
- Blanckaert, K., & de Vriend, H. J. (2004). *Secondary flow in sharp open-channel bends*. *Journal of Fluid Mechanics*, 498, 353–380. <https://doi.org/10.1017/S0022112003006832>
- Cea, L., & Vázquez-Cendón, M. E. (2012). Unstructured finite volume discretization of two-dimensional depth-averaged shallow water equations with porosity. *Journal of Computational Physics*, 231(8), 3174–3201. <https://doi.org/10.1016/j.jcp.2012.01.009>
- Chaudhry, M. H. (2008). *Open-channel hydraulics* (2nd ed.). New York: Springer.
- Chow, V. T. (1959). *Open-channel hydraulics*. New York: McGraw-Hill.
- Chow, V. T. (2019). Hidrolika saluran terbuka (E. K. S. Mulyana, Penerj.). Jakarta: Erlangga. (Karya asli diterbitkan 1959)

- Chow, V. T., Maidment, D. R., & Mays, L. W. (1988). *Applied hydrology*. New York: McGraw-Hill.
- Garde, R. J., & Ranga Raju, K. G. (2000). *Mechanics of sediment transportation and alluvial stream problems* (3rd ed.). New Delhi: New Age International.
- Henderson, F. M. (1966). *Open channel flow*. New York: Macmillan.
- Kementerian Pekerjaan Umum dan Perumahan Rakyat. (2016). *Peraturan Menteri PUPR Nomor 27/PRT/M/2016 tentang Penyelenggaraan Sistem Penyediaan Air Minum*. Jakarta: Kementerian PUPR.
- Lauder, B. E., & Spalding, D. B. (1974). The numerical computation of turbulent flows. *Computer Methods in Applied Mechanics and Engineering*, 3(2), 269–289. [https://doi.org/10.1016/0045-7825\(74\)90029-2](https://doi.org/10.1016/0045-7825(74)90029-2)
- Linsley, R. K., & Franzini, J. B. (1979). *Water-resources engineering* (3rd ed.). New York: McGraw-Hill.
- Pemerintah Republik Indonesia. (2015). *Peraturan Pemerintah Nomor 122 Tahun 2015 tentang Sistem Penyediaan Air Minum*. Jakarta: Sekretariat Negara Republik Indonesia.
- Politeknik Pekerjaan Umum. (2024). *Pedoman Penyusunan Tugas Akhir Politeknik Pekerjaan Umum*. Semarang: UP2AI Politeknik Pekerjaan Umum.
- PT Widya Tirta Selaras. (2019). *Dokumen profil dan operasional SPAM Jatisari* [Dokumen internal perusahaan].
- PT Widya Tirta Selaras. (2026). *Dokumen dan data operasional SPAM Jatisari periode Januari–Juli 2026* [Dokumen internal perusahaan].
- Richardson, L. F. (1911). The approximate arithmetical solution by finite differences of physical problems involving differential equations, with an application to the stresses in a masonry dam. *Philosophical Transactions of the Royal Society A*, 210, 307–357. <https://doi.org/10.1098/rsta.1911.0009>

- Rodi, W. (1993). Turbulence models and their application in hydraulics: A state of the art review (3rd ed.). Rotterdam: A.A. Balkema/IAHR.
- Rozovskii, I. L. (1957). Flow of water in bends of open *channels*. Kyiv: Academy of Sciences of the Ukrainian SSR. (Terjemahan bahasa Inggris oleh Y. Prushansky, 1961, Jerusalem: Israel Program for Scientific Translations)
- Schlichting, H. (1979). Boundary layer theory (7th ed.). New York: McGraw-Hill.
- Sturm, T. W. (2010). Open *channel* hydraulics (2nd ed.). New York: McGraw-Hill.
- Triatmodjo, B. (2008). Hidraulika II. Yogyakarta: Beta Offset.
- Versteeg, H. K., & Malalasekera, W. (2007). An introduction to computational fluid dynamics: The finite volume method (2nd ed.). Harlow: Pearson Education.