

DAFTAR PUSTAKA

- Abdullah, S. N. F., Ismail, A., Juahir, H., Ahmad, R. B., Lananan, F., Hashim, N. M., Ariffin, N., Zali, M. A., Mohd, T. A. T., Hussin, M. H. F., Mahmood, R. I. S. R., Jamil, J. R. A., & Desa, S. M. (2022). Chemical composition of rainwater harvested in East Malaysia. *Environmental Engineering Research*, 27(2), 0–2. <https://doi.org/10.4491/eer.2020.508>
- Aishah, A. W., Zauyah, S., Anuar, A. R., & Fauziah, C. I. (2010). Spatial variability of selected chemical characteristics of paddy soils in sawah sempadan, selangor, Malaysia. *Malaysian Journal of Soil Science*, 14(1), 27–39. [https://www.msss.com.my/mjss/Full Text/Vol 14/Aisyah et al..pdf](https://www.msss.com.my/mjss/Full%20Text/Vol%2014/Aisyah%20et%20al..pdf)
- Alkharabsheh, H. M., Seleiman, M. F., Hewedy, O. A., Battaglia, M. L., Jalal, R. S., Alhammad, B. A., Schillaci, C., Ali, N., & Al-doss, A. (2021). Field Crop Responses and Management Strategies to Mitigate Soil Salinity in Modern Agriculture : A Review. *A Review Agronomy*.
- Amalia, M., Noorsaly, S. R., Mishima, Y., Helda, N., & Fahmi, A. (2025). Evaluating the Sluice Gate Effectiveness for the Water Level Control in the Danda Besar Tidal Irrigation System , South Kalimantan , Indonesia. *Engineering, Technology & Applied Science Research (ETASR)*, 15(6), 30371–30376. doi: <https://doi.org/10.48084/etasr.14831>
- Ayers, R. S. D. W. W. (1989). *Water quality for agriculture*. Food and Agriculture Organization of the United Nations (FAO) Irrigation and Drainage Paper. <https://www.fao.org/4/t0234e/T0234E00.htm#TOC>
- BAPPENAS, D. P. dan I. K. P. P. N. B. P. P. (Directorate of W. R. and I. of the M. of N. D. P. D. P. A. (2020). *Pengembangan dan Pengelolaan Rawa Berkelanjutan* (E. Warsidi (ed.)). <https://kmc-pengairan.bappenas.go.id/knowledge-management/361>
- Chapra, S. C. (1997). *Surface Water Quality*.
- Chow, V. Te. (1959). *Open-Channel Hydraulics* (Internatio). McGraw-Hill Book Company, Inc.
- Courtier, A. (1939). Classification Of Tides In Four Types. *International Hydrographic Bureau*, 16(1), 50–58.



- Fischer, H. B., List, E. J., Koh, R. C. Y., Imberger, J., & Brooks, N. H. (1979). *Mixing in inland and coastal waters*. ACADEMIC PRESS, INC. Harcourt Brace Jovanovich, Publishers.
- Hadi, S., Pratiwi, E. P. A., & Wignyosukarto, B. S. (2024). The dynamic of pH and EC in the Katingan tidal irrigation system, under influences of acid water, brackish water, and tidal movement. *Water Cycle*, 5, 76–85. <https://doi.org/10.1016/J.WATCYC.2024.02.003>
- Hairani, A., Alwi, M., Noor, M., Saleh, M., Khairullah, I., & Wakhid, N. (2023). Rice productivity on the swampland flooded tide: The case of Terusan Karya Village. *E3S Web of Conferences*, 444, 1–10. <https://doi.org/10.1051/e3sconf/202344404013>
- Halim, N. S. A., Abdullah, R., Karsani, S. A., Osman, N., Panhwar, Q. A., & Ishak, C. F. (2018). Influence of soil amendments on the growth and yield of rice in acidic soil. *Agronomy*, 8(9). <https://doi.org/10.3390/agronomy8090165>
- Hikmat, M., Susanto, B., & Yatno, E. (2023). Characteristics and potential of tidal swampland to support the lowland rice development: a case study in Maluku Sub-District, Pulau Pisau Regency, Central Kalimantan Province. *IOP Conference Series: Earth and Environmental Science*, 1266(1), 0–12. <https://doi.org/10.1088/1755-1315/1266/1/012097>
- J.D. Rhoades A. Kandiah A.M. Mashali. (1992). *The use of saline waters for crop production*. FAO Irrigation And Drainage Paper. <https://www.fao.org/4/T0667E/t0667e00.htm#Contents>
- Kayama, M., Takahashi, H., & Limin, S. (1999). Water balance of a peat swamp forest in the upper catchment of the Sebangau River, Central Kalimantan. *Proceedings of the International Symposium on ...*, 306(November 1999), 299–306. <http://scholar.google.com/scholar?hl=en&btnG=Search&q=intitle:Water+Balance+of+a+Peat+Swamp+Forest+in+the+Upper+Catchment+of+the+Sebangau+River,+Central+Kalimantan#1>
- Kohfahl, C., Brown, P. L., Linklater, C. M., Mazur, K., Irannejad, P., & Pekdeger, A. (2008). The impact of pyrite variability, dispersive transport and precipitation of secondary phases on the sulphate release due to pyrite weathering. *Applied Geochemistry*, 23(12), 3783–3798. <https://doi.org/10.1016/J.APGEOCHEM.2008.10.001>
- Kvale, E. P. (2006). The origin of neap-spring tidal cycles. *Marine Geology*, 235(1-4 SPEC.

- Lao, C., Zhao, L., Zeng, J., Xia, J., & Xin, P. (2025). Effects of low-tide rainfall on channel morphodynamics of tidal mudflats. *Estuarine, Coastal and Shelf Science*, 313(December 2024), 109108. <https://doi.org/10.1016/j.ecss.2024.109108>
- Maftu’Ah, E., Lestari, Y., Pangaribuan, E. B., & Mayasari, V. (2021). Amelioration of actual acid sulfate soils to improve soil chemical properties and rice yields. *IOP Conference Series: Earth and Environmental Science*, 648(1). <https://doi.org/10.1088/1755-1315/648/1/012167>
- Ministry of Public Works and Housing. (2020). *Laporan Akhir, Survey Investigasi dan Desain (SID) Rehabilitasi dan Peningkatan Jaringan Irigasi Rawa Wilayah Kerja Blok D (Paket 4) DIR Unit Terusan Tengah.*
- Najiyati, S., Muslihat, L., & Suryadiputra, I. N. N. (2005). *Panduan Pengelolaan Lahan Gambut untuk Pertanian Berkelanjutan* (I. Ar-Riza (ed.)).
- Niatika, U. (2025). *Kajian Sistem Tata Air Satu Arah Daerah Irigasi Rawa Terusan Tengah Kalimantan Tengah.* Universitas Gadjah Mada.
- Niatika, U., Istiarto, I., Benazir, B., & Yakubson, Y. (2025). *Towards Sustainable Water Management in the Terusan Tengah Swamp Irrigation System, Central Kalimantan* (Issue Icafe). Atlantis Press International BV. https://doi.org/10.2991/978-94-6463-819-6_2
- Noorsaly, S. R., Mishima, Y., & Amalia, M. (2025). Smart management for irrigation by hydrodynamics analysis and investigation of sulfate distribution in South Kalimantan, Indonesia. *Smart Construction and Sustainable Cities*, 3(1). <https://doi.org/10.1007/s44268-025-00060-y>
- Panhwar, Q. A., Naher, U. A., Shamshuddin, J., Othman, R., & Ismail, M. R. (2016). Applying limestone or basalt in combination with bio-fertilizer to sustain rice production on an acid sulfate soil in malaysia. *Sustainability (Switzerland)*, 8(7). <https://doi.org/10.3390/su8070700>
- Rahardjo, A. P., Rivanto, A. P., & Jayadi, R. (2024). The Study of Water Salinity Distribution for Supporting Agriculture in Katingan I Lowland Irrigation Area, Central Kalimantan. *IOP Conference Series: Earth and Environmental Science*, 1311(1).

<https://doi.org/10.1088/1755-1315/1311/1/012041>

- Safar, M., Ishak, M. G., & Tunas, I. G. (2022). Analysis of Erosion and Sediment Movement at the Confluence of Two Rivers (A Case Study of Tawaeli River, Central Sulawesi, Indonesia). *International Journal of Design and Nature and Ecodynamics*, 17(1), 55–62. <https://doi.org/https://doi.org/10.18280/ijdne.170107>
- Sari, D. M., Karlina, & Jayadi, R. (2023). Study of Tidal and Water Quality in Acid Sulphate Soil of Unit Tamban Lowland Irrigation Area Central Kalimantan. *Proceedings of the International Conference on Sustainable Environment, Agriculture and Tourism (ICOSEAT 2022)*, 26, 128–137. https://doi.org/10.2991/978-94-6463-086-2_18
- Schoeneberger, P. J., Wysocki, D. ., Benham, E. ., Staff, S. S., & Field book for describing and sampling soils, Version 3.0. Natural Resources Conservation Service, National Soil Survey Center. USDA-NRCS, Lincoln, N. <https://doi.org/10.1038/258254a>. (2012). Field book for describing and sampling soils. *Natural Resources Conservation Service, National Survey Center, 3.0*, 300. <https://doi.org/10.1038/258254a0>
- Syahlevi, Sutan ikhsan, Nurhamidah, J. (2024). Estimating Paddy Field Water Requirements Using CROPWAT 8.0: A Case Study in Anai Irrigation Area, West Sumatra, Indonesia. *Journal Limnology and Water Resouces*, Table 10, 4–6. <https://doi.org/https://doi.org/10.55981/limnotek.2024.4985>
- U.S. Army Corps of Engineers. (2023). *HEC-RAS Water Quality User's Manual*.
- Utami, R. D., Rahardjo, A. P., Sujono, J., & Yakubson. (2024). Identification of Potential Tides in Terusan Tengah Tidal Irrigation Area Canal Network and Its Surrounding Channels. *IOP Conference Series: Earth and Environmental Science*, 1416(1), 012026. <https://doi.org/10.1088/1755-1315/1416/1/012026>
- Zeng, Y. J., Zhou, Q. H., Lü, W. S., Tan, X. M., Pan, X. H., & Shi, Q. H. (2014). Effects of soil acidification on the yield of double season rice. *Acta Agronomica Sinica(China)*, 40(5), 899–907. <https://doi.org/10.3724/SP.J.1006.2014.00899>