

DAFTAR PUSTAKA

- Adamowski, J., & Chan, H. F. (2011). A wavelet neural network conjunction model for groundwater level forecasting. *Journal of Hydrology*, 407(1–4), 28–40.
- Aldrian, E. (2011). Adaptasi dan mitigasi perubahan iklim global. *Prasetya Online*, November 2011, 174.
- Anandhi, V., & Manicka Chezian, R. (2013). Support Vector Regression to Forecast the Demand and Supply of Pulpwood. *International Journal of Future Computer and Communication*, May, 266–269.
- Anike, M., Suyoto, & Ernawati. (2012). Pengembangan Sistem Jaringan Saraf Tiruan Dalam Memprediksi Jumlah Dokter Keluarga Menggunakan Backpropagation (Studi Kasus: Regional X Cabang Palu). *Seminar Nasional Teknologi Informasi Dan Komunikasi 2012 (SENTIKA 2012)*, 2012(Sentika), 209–216.
- Armin, H. N., Gunadi, I., & Widodo, C. E. (2017). Pengiriman Data Hasil Pengukuran Parameter Lingkungan Menggunakan Jaringan Seluler Dengan Raspberry Pi Sebagai Node. *Youngster Physics Journal*, 6(1), 48–61.
- Aroos, M. S. M., Pannila, A. S., Weerasinghe, R. M., Jayananda, M. K., & Sonnadara, D. U. (2011). Construction of an automated weather station for ground level weather measurements. *Annual Transactions of IESL*, May 2014, 450–455.
- Bayong, T. H. . (2006). *Ilmu Kebumihan dan Antariksa* .PT. Remaja Rosdakarya.Bandung.
- Bonnett, S., Linsted, R., Ross, S., & Maltby, E. (2009). *Guidelines for monitoring the success of peatland restoration*. January.
- Buckman O.H. dan brady N.C. (1982). *Ilmu Tanah. Terjemahan Soegiman*. Bhratara Karya Aksara.
- Burange, A. W., & Misalkar, H. D. (2015). *Review of Internet of Things in Development of Smart Cities with Data Management & Privacy*.
- Chobir, A., Andang, A., & Hiron, N. (2017). *SISTEM DETEKSI ELEVASI PERMUKAAN AIR SUNGAI DENGAN SENSOR Kata Kunci : Sensor , JSN-SRT04 , edisson , ultrasonic , Intel*. 3(1), 149–155.
- Dionne, J.-C. (2012). Verstappen, H. Th. (1983): *Applied Geomorphology (Geomorphological Surveys for Environmental Development)*, Amsterdam et New York. *Géographie Physique et Quaternaire*, 38(3), 310.
- Dorofki, M., Elshafie, A. H., Jaafar, O., & Karim, O. A. (2012). *Comparison of Artificial Neural Network Transfer Functions Abilities to Simulate Extreme*

Runoff Data. 33, 39–44.

Fryar, A. E. (2005). Fundamentals of Ground Water: (Franklin W. Schwartz and Hubao Zhang). *Environmental and Engineering Geoscience*, 11(3), 285–286.

Hermawan, A. (2006). *Jaringan Saraf Tiruan (Teori dan Aplikasi)*. Andi Offset.

Hidayatullah, S., Ta, J., Nilai, T., Kuliah, M., & Dasar, A. (1977). *Universitas Islam Negeri (Uin). 021, 74709260*.

Indrasari, W., Iswanto, B. H., & Andayani, M. (2018). *Early Warning System of Flood Disaster Based on Ultrasonic Sensors and Wireless Technology Early Warning System of Flood Disaster Based on Ultrasonic Sensors and Wireless Technology*.

Jastri Mey Saragih, H. (2016). *Pengelolaan Lahan Gambut di Perkebunan Kelapa Sawit di Riau*. 312–330.

Jumarwanto, A., & Rudy Hartanto, D. P. (2009). *Aplikasi Jaringan Saraf Tiruan Backpropagation untuk memprediksi penyakit THT di Rumah Sakit Mardi Rahayu Kudus. Jurnal Teknik Elektro, Vol. 1 No.*

Karsoliya, S. (2012). *Approximating Number of Hidden layer neurons in Multiple Hidden Layer BPNN Architecture*. 3, 714–717.

Krenker, A., Bester, J. and Kos, A. (2011). Introduction to the Artificial Neural Networks. In: Suzuki, K. *Artificial Neural Networks - Methodological Advances and Biomedical Applications*, page 3-18. InTech, Croatia.

Lakitan, B. (2002). *Dasar Dasar Klimatologi*. PT.Raja Grafindo Jakarta.

Lancellotta R. (2008). *Geotechnical engineering*. Taylor and Francis.

Maina M. M. M. S. M. Amin W. Aimrun S. Abd Aziz M. Yazid M..K. Rowshon. (2012). Evaluation of Field Measurements and Estimated Rice Crop Water Requirements. *Challenges of Water & Environmental Management in Monsoon Asia, November*, 11.

Mangoensoekarjo, S. (2003). *Manajemen Agribisnis Kelapa Sawit*. Ugm Press.

Minnesota Board of Water Level and Soil Resource. (2013). *Hidrologic Monitoring of Wetlands, Supplemental Guidance*.

Momoh, J. A. (2009). Smart grid design for efficient and flexible power networks operation and control. *2009 IEEE/PES Power Systems Conference and Exposition, PSCE 2009*.

Naik, P., & Katti, K. (2018). *AUTOMATION OF IRRIGATION SYSTEM USING IoT*. 8(1), 77–88.

- Navulur, S., Sastry, A. S. C. S., & Giri Prasad, M. N. (2017). Agricultural management through wireless sensors and internet of things. *International Journal of Electrical and Computer Engineering*, 7(6), 3492–3499.
- Nduru, R. E., Situmorang, M., & Tarigan, G. (2014). Analisa Faktor-Faktor Yang Mempengaruhi Hasil Produksi Padi Di Deli Serdang. *Saintia Matematika*, 2(1), 71–83.
- Nikentari, N., Ritha, N., & Haryadi, T. (2018). *Jurnal Sustainable : Jurnal Hasil Penelitian dan Industri Terapan Prediksi Pasang Surut Air Laut Menggunakan Jaringan Saraf Tiruan Backpropagation*. 07(01), 1–6.
- Pathak, A., Uddin, M. A., Jainal Abedin, M., Andersson, K., Mustafa, R., & Hossain, M. S. (2019). IoT based smart system to support agricultural parameters: A case study. *Procedia Computer Science*, 155(September 2020), 648–653.
- Perbatakusuma, Erwin A., M. S., & Dedi, M. A. dan R. (2014). *TFCA programme Sumatra. Perkumpulan Gita Buana, Perkumpulan Walestra dan Zoological Society Of London- Ip*.
- Pratama, N., Darusalam, U., & Nathasia, N. D. (2020). Perancangan Sistem Monitoring Ketinggian Air Sebagai Pendeteksi Banjir Berbasis IoT Menggunakan Sensor Ultrasonik. *Jurnal Media Informatika Budidarma*, 4(1), 117.
- Puspitaningrum, Dyah. 2006. *Pengantar Jaringan Saraf Tiruan*. Yogyakarta: Andi.
- Rani, S., & Parekh, F. (2014). *Application of Artificial Neural Network (ANN) for Reservoir Water Level Forecasting*. 3(7), 1077–1082.
- Runtunuwu, E., Kartiwa, B., Sudarman, K., Nugroho, W. T., & Firmansyah, A. (2015). Saluran Di Lahan Gambut. *Riset Geologi Dan Pertambangan*, 21(2), 63–74.
- SAGE Research Methods. (2008). *Encyclopedia of survey research methods*.
- Saraswati, M., Kuantama, E., & Mardjoko, P. (2012). Design and construction of water level measurement system accessible through SMS. *Proceedings - UKSim-AMSS 6th European Modelling Symposium, EMS 2012*, 48–53.
- Sharan, R. (2014). Development of a Remote Automatic Weather Station with a PC-based Data Logger. *International Journal of Hybrid Information Technology*, 7(1), 233–240.
- Siang. (2005). *Jaringan Saraf Tiruan dan Pemrogramannya menggunakan Matlab*. Andi Offset.
- Sosiawan, H., Kartiwa, B., Tri, W., Syahbuddin, H., Tentara, J., & No, P. (2017). Variasi Temporal Dan Spasialtinggi Muka Air Tanah. *Jurnal Tanah Dan Air*, 14(2), 68–82.

- Sosrodarsono, S. (1999). *Hidrologi Untuk Pengairan*. PT. Pradnya Pratama. Jakarta.
- Sprecher, S. W. (2000). "Installing monitoring wells/piezometers in wetlands," *WRAP Technical Notes Collection (ERDC TN-WRAP-00-02)*, U.S.
- Sreekanth, P. D., Geethanjali, N., Sreedevi, P. D., Ahmed, S., Ravi Kumar, N., & Kamala Jayanthi, P. D. (2009). Forecasting groundwater level using artificial neural networks. *Current Science*, 96(7), 933–939.
- Sugiyono. (2007). *Metode Penelitian administrasi*. Alfabeta. Bandung.
- Sumardi. (2005). "PENAKAR CURAH HUJAN AUTOMATIS MENGGUNAKAN MIKROKONTROLER ATMEGA 32,." 84–90.
- Suriadikarta, D. A. (2005). Pengelolaan Lahan Sulfat Masam Untuk Usaha Pertanian. *Jurnal Litbang Pertanian*, 24(1), 36–45.
- Tukidi (2010). *Karakter Curah Hujan Di Indonesia*. Jurnal Geografi, 7(2), 136–145.
- Wahid, H. (2017). Analisis Karakteristik dan Klasifikasi Curah Hujan di Kabupaten Polewali Mandar. *Sains, Matematika Dan Teknologi*, VI(1), 15–27.
- Widodo, P. P., Handayanto., R. T. dan H. (2013). *Penerapan Data Mining dengan MATLAB*. Rekayasa sains. Bandung.
- Winarna, Santoso, H., Yusuf, M. A., & Sutarta, E. S. (2014). Pertumbuhan Tanaman Kelapa Sawit di Lahan Pasang Surut (Oil Palm Growth on Tidal Land). *Prosiding Seminar Nasional Lahan Suboptimal 2014, September*, 1–10.
- World Meteorological Organization. (2008). *Guide to Meteorological Instruments and Methods of Observation*, Sevend Edition: Ganeva.