

DAFTAR PUSTAKA

- [1]. H. Kanamori, “Real-time earthquake damage mitigation measures,” *Earthquake Early Warning Systems*, pp. 1–8, 2007, doi: 10.1007/978-3-540-72241-0_1.
- [2]. T. Z. A. Putri, “Revitalisasi Algoritma Sistem Prediksi Waktu Gempa Bumi Berdasarkan Fluktuasi Groundwater Level (GWL) di Stasiun Telemonitoring Bantul,” DTNTF, Yogyakarta, 2023.
- [3]. P. Huang, W. Lv, R. Huang, Q. Luo, dan Y. Yang, “Earthquake precursors: A review of key factors influencing radon concentration,” *Journal of Environmental Radioactivity*, vol. 271, hlm. 107310, Jan 2024.
- [4]. T. O. Pratama, “Earthquake Early Warning System Based On Radon Gas Concentration And Groundwater Level Fluctuation At Yogyakarta Region-Indonesia,” DTNTF, Yogyakarta, 2021.
- [5]. M. A. Tariq, M. Shah, M. Hernández-Pajares, dan T. Iqbal, “Pre-earthquake ionospheric anomalies before three major earthquakes by GPS-TEC and GIM-TEC data during 2015–2017,” *Advances in Space Research*, vol. 63, no. 7, hlm. 2088–2099, Apr 2019, doi: [10.1016/j.asr.2018.12.028](https://doi.org/10.1016/j.asr.2018.12.028).
- [6]. G. B. Prilandi, Rancang Bangun Sistem Pemantauan Total Electron Content untuk Sistem Peringatan Dini Gempa Bumi, Yogyakarta, 2023.
- [7]. A. N. Kamila, "Algoritma Sistem Prediksi Waktu Kejadian Gempa Bumi Berdasarkan Anomali Total Electron Content (TEC)," DTNTF, Yogyakarta, 2023.
- [8]. N. Ya'acob, M. Abdullah, dan M. Ismail, “GPS Vertical Total Electron Content (TEC) Dual Frequency Technique and TEC Map at Ionosphere Layer Using Malaysian Data,” dalam *2009 International Conference on Future Computer and Communication*, Kuala Lumpur, Malaysia: IEEE, Apr 2009, hlm. 589–593. doi: [10.1109/ICFCC.2009.74](https://doi.org/10.1109/ICFCC.2009.74).
- [9]. S. Banville, G. Lachapelle, R. Ghoddousi-Fard, dan P. Gratton, “Automated Processing of Low-Cost GNSS Receiver Data,” dipresentasikan pada 32nd



- International Technical Meeting of the Satellite Division of The Institute of Navigation (ION GNSS+ 2019), Miami, Florida, Okt 2019, hlm. 3636–3652.
 doi: [10.33012/2019.16972](https://doi.org/10.33012/2019.16972).
- [10]. L. Pan, X. Gao, J. Hu, F. Ma, Z. Zhang, dan W. Wu, “Performance assessment of real-time multi-GNSS integrated PPP with uncombined and ionospheric-free combined observables,” *Advances in Space Research*, vol. 67, no. 1, hlm. 234–252, Jan 2021, doi: [10.1016/j.asr.2020.09.029](https://doi.org/10.1016/j.asr.2020.09.029).
- [11]. D. A. Kogogin *dkk.*, “Capacities of TEC measurements by the low-cost GNSS receiver based on the u-blox ZED-F9P for ionospheric research,” *J. Phys.: Conf. Ser.*, vol. 1991, no. 1, hlm. 012020, Jul 2021.
- [12]. Čolaković, “IoT systems modeling and performance evaluation,” *Computer Science Review*, vol. 50, hlm. 100598, Nov 2023.
- [13]. Marvin Howell; Fadi S. Alshakhshir, "Chapter 12 Measures of Equipment and Maintenance Efficiency and Effectiveness Lead (Key Performance Indicators) and Lag (Key Result Indicators)," in *Energy Centered Maintenance—A Green Maintenance System*, River Publishers, 2017, pp.173-184.
- [14]. Jean Broge, "Chapter 1 Efficiency, Efficiency, Efficiency," in *Advances in Electric Propulsion*, SAE, 2017, pp.1-9.
- [15]. Afraimovich, E.L., and E.I. Astafyeva, "TEC anomalies—Local TEC changes prior to earthquakes or TEC response to solar and geomagnetic activity changes?," *Earth, Planets and Space*, vol. 60, pp. 961-966, 2008.
- [16]. G. K. Seemala, “Estimation of ionospheric total electron content (TEC) from GNSS observations,” in *Atmospheric Remote Sensing*, A. Kumar Singh and S. Tiwari, Eds., in *Earth Observation*, Elsevier, 2023, pp.
- [17]. H. Z. Abidin, *Penentuan Posisi dengan GPS dan Aplikasinya*. Jakarta: PT. Pradnya Paramita, 2006.
- [18]. H. Z. Abidin, *Penentuan Posisi dengan GPS dan Aplikasinya*, 3rd ed. Jakarta: PT. Pradnya Paramita, 2007.
- [19]. M. Hayakawa, O. A. Molchanov, N. Shima, A. V. Shvets, and N. Yamamoto, "Wavelet analysis of disturbances in subionospheric VLF propagation



- correlated with earthquakes," in *Seismo Electromagnetics (Lithosphere-Atmosphere-Ionosphere Coupling)*, M. Hayakawa and O. A. Molchanov, Eds. Tokyo: TERRAPUB, 2002, pp. 223-228.
- [20]. Sharma, G. *et al.* (2017) 'Ionospheric TEC modelling for earthquakes precursors from GNSS data', *Quaternary International*, 462, pp. 65–74. Available at: <https://doi.org/10.1016/j.quaint.2017.05.007>.
- [21]. Philippe Darche, "Basic and Historical Definitions," in *Microprocessor 3: Core Concepts - Hardware Aspects*, Wiley, 2020, pp.1-15.
- [22]. San Murugesan; Irena Bojanova, "Personal Applications of Clouds," in *Encyclopedia of Cloud Computing*, IEEE, 2016, pp.517-523.
- [23]. Dan Sullivan, "Deploying Storage in Google Cloud Platform," in *Official Google Cloud Certified Associate Cloud Engineer Study Guide*, Wiley, 2019, pp.275-308, doi: 10.1002/9781119564409.ch12.
- [24]. GNSS Antenna Design and Analysis, in *Global Navigation Satellite Systems, Inertial Navigation, and Integration*, 2020, pp. 145-187.
- [25]. L. Lo Presti, M. Fantino, and M. Pini, "Digital Signal Processing for GNSS Receivers," in *Handbook of Position Location*, 2019, pp. 707-761,
- [26]. Aliexpress, "2023 New GNSS Receiver with RTK and Dual Frequency L1+L5 Support," [Online]. <https://id.aliexpress.com/i/1005004403359074.html>. [Accessed: 22-Jun-2024].
- [27]. United States Geological Survey, "Earthquake Map for Southeast Asia Region, June 15-22, 2024," USGS, [Online]. <https://earthquake.usgs.gov/earthquakes/map>. [Accessed: Jun. 22, 2024].
- [28]. NASA/CCMC, "IRI Run Output," [kawaii.ccmc.gsfc.nasa.gov](https://kawaii.ccmc.gsfc.nasa.gov/iri_run/ce7be9cd46793bc2ca17d4fe9fca97eb/output.txt), Jul. 2024. [Online]. https://kawaii.ccmc.gsfc.nasa.gov/iri_run/ce7be9cd46793bc2ca17d4fe9fca97eb/output.txt

