

DAFTAR PUSTAKA

- [1] E. Kassie, H. Kebede, K. Mickus, and Z. Demissie, "Earthquakes magnitude prediction using deep learning for the Horn of Africa," *Soil Dyn. Earthq. Eng.*, vol. 170, p. 107913, Oct. 2023, doi: 10.1016/j.soildyn.2023.107913.
- [2] I. Setyowidodo, "ANALISIS SEISMOGRAM TIGA KOMPONEN TERHADAP MOMENT TENSOR GEMPA BUMI DI MANOKWARI PAPUA 03 JANUARI 2009," *J. NEUTRINO*, vol. 0, Mar. 2012, doi: 10.18860/neu.v0i0.1650.
- [3] "USGS.gov | Science for a changing world." Accessed: Jun. 13, 2024. [Online]. Available: <https://www.usgs.gov/>
- [4] "Badan Penanggulangan Bencana Daerah (BPBD) Provinsi Bali." Accessed: Jul. 09, 2024. [Online]. Available: <https://bpbd.baliprov.go.id/article/2856/infografis-dampak-bencana-gempa-bumi-di-kab-karangasem>
- [5] W. Xu, X. An, E. Li, C. Wang, and L. Zhao, "Earthquake early warning system in Liaoning, China based on PRESTO*," *Earthq. Sci.*, vol. 33, no. 5, pp. 281–292, Dec. 2020, doi: 10.29382/eqs-2020-0281-01.
- [6] B. Sunardi and S. Shahzad, "Pemantauan Anomali Total Electron Content (TEC) Berkaitan Dengan Kejadian Gempabumi Di Sekitar Wilayah Jawa Tahun 2015," *Spektra J. Fis. Dan Apl.*, vol. Volume 1, pp. 1–6, Dec. 2016, doi: 10.21009/SPEKTRA.012.01.
- [7] P. Huang, W. Lv, R. Huang, Q. Luo, and Y. Yang, "Earthquake precursors: A review of key factors influencing radon concentration," *J. Environ. Radioact.*, vol. 271, p. 107310, Jan. 2024, doi: 10.1016/j.jenvrad.2023.107310.
- [8] G. Igarashi *et al.*, "Ground-Water Radon Anomaly Before the Kobe Earthquake in Japan," *Science*, vol. 269, pp. 60–1, Aug. 1995, doi: 10.1126/science.269.5220.60.
- [9] Y. Mao, L. Zhang, H. Wang, and Q. Guo, "The temporal variation of radon concentration at different depths of soil: A case study in Beijing," *J. Environ. Radioact.*, vol. 264, p. 107200, Aug. 2023, doi: 10.1016/j.jenvrad.2023.107200.
- [10] K. Kawabata *et al.*, "Changes in groundwater radon concentrations caused by the 2016 Kumamoto earthquake," *J. Hydrol.*, vol. 584, p. 124712, May 2020, doi: 10.1016/j.jhydrol.2020.124712.
- [11] H. L. Sunarno, Y. F. Luckyarno, M. M. Waruwu, and R. Wijaya, "DETECTION SYSTEM FOR DETERMINISTIC EARTHQUAKE PREDICTION BASED ON RADON CONCENTRATION CHANGES IN INDONESIA," vol. 15, 2020.
- [12] D. Ghosh, A. Deb, and R. Sengupta, "Anomalous radon emission as precursor of earthquake," *J. Appl. Geophys.*, vol. 69, pp. 67–81, Oct. 2009, doi: 10.1016/j.jappgeo.2009.06.001.
- [13] K. Mitev *et al.*, "Recent work with electronic radon detectors for continuous Radon-222 monitoring," *J. Eur. Radon Assoc.*, Dec. 2022, doi: 10.35815/radon.v3.8844.
- [14] T. O. Pratama, Sunarno, S. Hawibowo, M. M. Waruwu, and R. Wijaya, "Deterministic system for earthquake early warning system based on radon



- gas concentration anomaly at Yogyakarta Region-Indonesia”, Accessed: Jul. 04, 2024. [Online]. Available: https://www.academia.edu/97538750/Deterministic_system_for_earthquake_early_warning_system_based_on_radon_gas_concentration_anomaly_at_Yogyakarta_Region_Indonesia
- [15] A. W. Lillah, “Algoritma Prediksi Waktu Gempa Bumi untuk Peringatan Dini Gempa Bumi Berdasarkan Fluktuasi Gas Radon di Stasiun Bantul,” Universitas Gadjah Mada, 2023. Accessed: Jul. 13, 2024. [Online]. Available: <https://etd.repository.ugm.ac.id/penelitian/detail/227241>
- [16] A. M. Winarningtyas, “Prediksi Magnitudo Gempa Bumi untuk Sistem Peringatan Dini Gempa Bumi dengan Algoritma Berdasarkan Pola Fluktuasi Gas Radon,” Universitas Gadjah Mada, 2023. Accessed: Jul. 05, 2024. [Online]. Available: <https://etd.repository.ugm.ac.id/penelitian/detail/227319>
- [17] I. R. Andani, “Algoritma Prediksi Jarak Episentrum Gempa Bumi terhadap Stasiun Pemantauan Gas Radon Jarak Jauh untuk Sistem Peringatan Dini Gempa Bumi,” Universitas Gadjah Mada, 2023. Accessed: Jul. 05, 2024. [Online]. Available: <https://etd.repository.ugm.ac.id/penelitian/detail/227240>
- [18] H. Fidei Felix Depensor, “Mekanisme dan Algoritma Prediksi Gempa Bumi Berdasarkan Fluktuasi Konsentrasi Gas Radon Stasiun Telemonitoring Padang,” Universitas Gadjah Mada, 2024.
- [19] D. Afnan, “Rancang Bangun Algoritma Prediksi Gempa Bumi Berdasarkan Fluktuasi Konsentrasi Gas Radon di Stasiun Telemonitoring Kebumen,” Universitas Gadjah Mada, 2024.
- [20] A. Aldi, “Mekanisme dan Algoritma Prediksi Gempa Bumi Berdasarkan Fluktuasi Konsentrasi Gas Radon Stasiun Telemonitoring Kupang,” Universitas Gadjah Mada, 2024.
- [21] F. Alsa Yanima Choirul, “Mekanisme dan Algoritma Prediksi Gempa Bumi Berdasarkan Fluktuasi Konsentrasi Gas Radon Stasiun Telemonitoring Serang,” Universitas Gadjah Mada, 2024.
- [22] “Progress in Landslide Research and Technology | Book series home.” Accessed: Jun. 13, 2024. [Online]. Available: <https://www.springer.com/series/16796>
- [23] P.-L. P. Rau, Ed., *Cross-Cultural Design. Product and Service Design, Mobility and Automotive Design, Cities, Urban Areas, and Intelligent Environments Design: 14th ... IV*, 1st ed. 2022 edition. Cham: Springer, 2022.
- [24] “Fundamentals of Earthquake Engineering: From Source to Fragility, 2nd Edition | Wiley,” Wiley.com. Accessed: Jun. 13, 2024. [Online]. Available: <https://www.wiley.com/en-jp/Fundamentals+of+Earthquake+Engineering%3A+From+Source+to+Fragility%2C+2nd+Edition-p-9781118678923>
- [25] “The Mechanics of Earthquakes and Faulting.” Accessed: Jun. 13, 2024. [Online]. Available: <https://www.cambridge.org/core/books/mechanics-of-earthquakes-and-faulting/DEABA968016E051C9938E04B041945C2>
- [26] G. Housner, “Engineering seismology, by Kiyoshi Kanai, University of Tokyo Press, 1983. No. of pages: 251,” *Earthq. Eng. Struct. Dyn.*, vol. 11, no. 5, pp. 727–728, 1983, doi: 10.1002/eqe.4290110511.



- [27] R. S. F. dkk, *Proses Terjadinya Gempa Bumi: Seri Ensiklopedi Bencana Gempa Bumi*. Hikam Pustaka, 2021.
- [28] R. S. F. dkk, *Gempa Bumi, Vulkanisme dan Seisme: Seri Ensiklopedi Bencana Gempa Bumi*. Hikam Pustaka, 2021.
- [29] *Fault lines: understanding the power of earthquakes*.
- [30] “(1) Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering, Edited by Y. Bozorgnia and V. V. Bertero, 2004, ICC | Request PDF.” Accessed: Jun. 20, 2024. [Online]. Available: https://www.researchgate.net/publication/254303740_Earthquake_Engineering_From_Engineering_Seismology_to_Performance-Based_Engineering_Edited_by_Y_Bozorgnia_and_V_V_Bertero_2004_ICC
- [31] M. Hayakawa, “Earthquake Precursor Studies in Japan,” 2018, pp. 7–18. doi: 10.1002/9781119156949.ch2.
- [32] “[PDF] Hydrogeological and Gasgeochemical Earthquake Precursors – A Review for Application | Semantic Scholar.” Accessed: Jun. 14, 2024. [Online]. Available: <https://www.semanticscholar.org/paper/Hydrogeological-and-Gasgeochemical-Earthquake-%E2%80%93-A-Hartmann-Levy/abeced83abe6932a6cdf8903a6eece5029c88387>
- [33] P. Tukkaraja, R. Bhargava, and S. Jayaraman Sridharan, “Radon in Underground Mines,” 2021. doi: 10.5772/intechopen.101247.
- [34] S. Pulnits, D. Ouzounov, A. Karelin, and K. Boyarchuk, “Earthquake Precursors in the Atmosphere and Ionosphere,” *Math. Phys. Comput. Sci. Fac. Books Book Chapters*, Jan. 2022, [Online]. Available: https://digitalcommons.chapman.edu/scs_books/61
- [35] A. Rooney and B. D. Learning, *Earthquake!* Encyclopaedia Britannica, 2015.
- [36] “(1) (PDF) Radon as Earthquake Precursor.” Accessed: Jun. 14, 2024. [Online]. Available: https://www.researchgate.net/publication/221926934_Radon_as_Earthquake_Precursor
- [37] P. M. Illari and J. Williamson, “What is a mechanism? Thinking about mechanisms across the sciences,” *Eur. J. Philos. Sci.*, vol. 2, no. 1, pp. 119–135, Jan. 2012, doi: 10.1007/s13194-011-0038-2.
- [38] “Lokasi: Aplikasi rekayasa konstruksi dengan visual basic 6.0.” Accessed: Jun. 15, 2024. [Online]. Available: <https://onsearch.id/Record/IOS3318.INLIS000000000019971>
- [39] *Prinsip Statistik U/teknik & Sains*. Erlangga.
- [40] E. M. Mikhail and G. Gracie, *Analysis and Adjustment of Survey Measurements*. Van Nostrand Reinhold Company, 1981.
- [41] “(1) (PDF) International Encyclopedia of Statistical Science.” Accessed: Jun. 15, 2024. [Online]. Available: https://www.researchgate.net/publication/230766136_International_Encyclopedia_of_Statistical_Science
- [42] “Discovering Knowledge in Data_ An Introduction to Data Mining (2nd ed.) [Larose & Larose 2014-06-30].pdf.” Accessed: Jun. 17, 2024. [Online]. Available:



- https://doc.lagout.org/Others/Data%20Mining/Discovering%20Knowledge%20in%20Data_%20An%20Introduction%20to%20Data%20Mining%20%282nd%20ed.%29%20%5BLarose%20%26%20Larose%202014-06-30%5D.pdf
- [43] J. Luo, “Application of K-means Method Based on SPSS in Graphic Design Score Analysis,” 2022, pp. 453–459. doi: 10.2991/978-94-6463-064-0_48.
- [44] “EBK-Means: A Clustering Technique based on Elbow Method and K-Means in WSN.” Accessed: Jun. 17, 2024. [Online]. Available: <https://www.ijcaonline.org/archives/volume105/number9/18405-9674/>
- [45] “Google Maps,” Google Maps. Accessed: Jul. 22, 2024. [Online]. Available: <https://www.google.com/maps/place/Banjar+Basa/@-8.4733134,115.1695438,19.68z/data=!4m6!3m5!1s0x2dd225039cae9c3b:0x314882b8af735eb7!8m2!3d-8.4736347!4d115.1687943!16s%2Fg%2F11rkby0jng?entry=ttu>
- [46] “Layanan Informasi Data Geologi Indonesia.” Accessed: Jul. 22, 2024. [Online]. Available: <https://geologi.esdm.go.id/geomap/pages/preview/peta-patahan-aktif-indonesia>
- [47] “GEOFON Program GFZ Potsdam - Earthquake Information Service.” Accessed: Jul. 22, 2024. [Online]. Available: <https://geofon.gfz-potsdam.de/eqinfo/list.php?page=2&datemin=2023-01-18&datemax=2023-12-31&latmin=-9.839&latmax=6.665&lonmin=93.252&lonmax=106.523&magmin=4.5&lang=en>

