

DAFTAR PUSTAKA

- Abd-Alrahman, A. M., & Ekenberg, L. (2017). Modelling health information during catastrophic events—A disaster management system for Sudan. *2017 IST-Africa Week Conference, IST-Africa 2017*. <https://doi.org/10.23919/ISTAFRICA.2017.8102390>
- Aqtam, I., Shouli, M., Al-qoroum, S., Shouli, K., & Ayed, A. (2024). Evaluating Disaster Management Preparedness among Healthcare Professionals During Pandemics: Palestinian Context. *SAGE Open Nursing, 10*. Scopus. <https://doi.org/10.1177/23779608241283698>
- Arculeo, C., & Khorram-Manesh, A. (2017). Chapter three Functions needed in disaster management. In *Handbook of disaster and emergency management*. Khorram-Manesh.
- Astrini, S., Ahri, R. A., & Samsualam, S. (2019). IMPLEMENTASI SISTEM INFORMASI KESEHATAN (SIK) PUSKESMAS DI KABUPATEN KONAWE SELATAN TAHUN 2018. *Jurnal Ilmiah Kesehatan Diagnosis, 14*(1), 91–97. <https://doi.org/10.35892/jikd.v14i1.105>
- Azadbakht, E., Blair, J. ., & Jones, L. (2017). Everyone’s invited: A website usability study involving multiple library stakeholders. *InformationTechonlogy and Libraries, 34–45*.
- Badan Nasional Penanggulangan Bencana. (2022). *INDEKS RISIKO BENCANA INDONESIA Tahun 2021*. Pusat Data, Informasi dan Komunikasi Kebencanaan Badan Nasional Penanggulangan Bencana.
- Blaikie, P., Cannon, T., Davis, I., & Wisner, B. (1994). *At Risk: Natural Hazards, People Vulnerability and Disasters 1st edition*. <https://doi.org/10.4324/9780203428764>
- Boin, A., Hart, P. ‘T, & Kuipers, S. (2018). The Crisis Approach. In H. Rodríguez, W. Donner, & J. E. Trainor (Eds.), *Handbook of Disaster Research* (pp. 23–38). Springer International Publishing. https://doi.org/10.1007/978-3-319-63254-4_2
- BPNB. (2019). *KAJIAN RISIKO BENCANA KABUPATEN TASIKMALAYA TAHUN 2019—2023*.
- Calik, E., Atilla, R., Kaya, H., Aribař, A., Cengiz, H., & Dicle, O. (2014). Development of a medical module for disaster information systems. *Studies in Health Technology and Informatics, 205*, 632–636.
- Chan, T. C., Griswold, W. G., Buono, C., Kirsh, D., Lyon, J., Killeen, J. P., Castillo, E. M., & Lenert, L. (2011). Impact of wireless electronic medical record system on the quality of patient documentation by emergency field responders during a disaster mass-casualty exercise. *Prehospital and Disaster Medicine, 26*(4), 268–275. <https://doi.org/10.1017/S1049023X11006480>

- Chronaki, C. E., Kontoyiannis, V., Charalambous, E., Vrouchos, G., Mamantopoulos, A., & Vourvahakis, D. (2008). Satellite-enabled eHealth applications in disaster management-experience from a readiness exercise. *Computers in Cardiology 2008, CAR*, 35, 1005–1008. <https://doi.org/10.1109/CIC.2008.4749214>
- CRED. (2022). *Countries with the most natural disasters in 2021 [Graph]*. Statista.
- Emaliyawati, E., Prawesti, A., Yosep, I., & Ibrahim, K. (2016). Manajemen Mitigasi Bencana dengan Teknologi Informasi di Kabupaten Ciamis. *Jurnal Keperawatan Padjadjaran*, v4(n1), 79–88. <https://doi.org/10.24198/jkp.v4n1.8>
- Estuar, M. R., Miyagawa, S., Pulmano, C., Victorino, J. N., Ohta, S., Miyazaki, H., & Kanbara, S. (2022). Management of Health- and Disaster-Related Data. In S. Kanbara, S. Miyagawa, & H. Miyazaki (Eds.), *Disaster Nursing, Primary Health Care and Communication in Uncertainty* (pp. 285–296). Springer International Publishing. https://doi.org/10.1007/978-3-030-98297-3_25
- Fatta, H. Al. (2007). *Analisis dan Perancangan Sistem Informasi*. Andi Offset.
- Fry, E. A., & Lenert, and L. A. (2005). MASCAL: RFID Tracking of Patients, Staff and Equipment to Enhance Hospital Response to Mass Casualty Events. *AMIA Symposium Proceedings*, 261.
- Goniewicz, K., Magiera, M., Rucińska, D., Pawłowski, W., Burkle, F. M., Hertelendy, A. J., & Goniewicz, M. (2020). Geographic Information System Technology: Review of the Challenges for Its Establishment as a Major Asset for Disaster and Emergency Management in Poland. *Disaster Medicine and Public Health Preparedness*, 1–6. <https://doi.org/10.1017/dmp.2020.74>
- Hadi, M. S., Hastono, S. P., Siregar, K. N., & Ayuningtyas, D. (2020). Geospatial-Based Information Systems Model for Disaster Management of Reproductive Health. *Media Kesehatan Masyarakat Indonesia*, 16(1), 62–75.
- Harris, M., & Charnley, G. (2022). Disaster Risk Management: A Resilient Health System. In S. Eslamian & F. Eslamian (Eds.), *Disaster Risk Reduction for Resilience: Disaster Risk Management Strategies* (pp. 147–176). Springer International Publishing. https://doi.org/10.1007/978-3-030-72196-1_7
- Hendraputra, S., SImarmata, J., Nur Arifah, F., Giap, Y. C., Rahmah, S. A., Herlinah, Gustiana, Z., Sulaiman, O. K., Ardiana, P. Y. A., Fajar Israwan, & Ilham, D. (2021). *Pengantar Teknologi dan Informasi* (1st ed.). Yayasan Kita Menulis. kitamenulis.id

- Iman, A. T., Kusnanto Josef, H., Pertiwi, A. A. P., Lazuardi, L., Nurcahyani, L., & Hasan, F. (2024). Design and Framework for Developing Disaster Health Information System (DHIS): A Systematic Review. *Iranian Journal of Public Health*. <https://doi.org/10.18502/ijph.v53i4.15552>
- J. Jokela, M. Rådestad, D. Gryth, H. Nilsson, A. Rüter, L. Svensson, et al. (2012). Increased Situation Awareness in Major Incidents—Radio Frequency Identification (RFID) Technique: A Promising Tool. *Prehospital and Disaster Medicine Pages 81-7, Vol. 27*(Issue 1), 81–87.
- Jai, S. A., Setyawan, D., & Adiwidjaja, I. (2016). IMPLEMENTASI SISTEM INFORMASI ADMINISTRASI KEPENDUDUKAN. *Jurnal Ilmu Sosial dan Ilmu Politik*, 5(1).
- Jogiyanto. (2013). *Analisis & Desain Sistem Informasi: Pendekatan Terstruktur Teori Dan Praktik Aplikasi Bisnis*. Andi Offset.
- Kementerian Kesehatan Republik Indonesia. (2021). *Cetak Biru Strategi Transformasi Digital Kesehatan 2024* (1st ed.). Kementerian Kesehatan Republik Indonesia. <https://www.kemkes.go.id/>
- KEPUTUSAN KEPALA BADAN NASIONAL PENANGGULANGAN BENCANA NOMOR 308 TAHUN 2024 TENTANG KLASSTER PENANGGULANGAN BENCANA (2024).
- Khorram-Manesh, A., & Burkle, F. M. (2024). The Role of Health Care and Health Security in War, Disaster & Crisis Preparedness. *Disaster Medicine and Public Health Preparedness*, 18. Scopus. <https://doi.org/10.1017/dmp.2024.143>
- Kim Young-Aee & Lee Sang-Rim. (2022). Disaster Preparedness Plans for Medical Institutions in Korea, the United States and Japan. *Journal of the Architectural Institute of Korea*, 38(3), 59–70. <https://doi.org/10.5659/JAIK.2022.38.3.59>
- L. Whitten, Jeffrey, & D. Bentley, L. (2007). *System Analysis & Design Methods* (Seventh Ed). McGraw-Hill.
- Laudon., K. C. dan J. P. (2007). *Sistem Informasi Manajemen* (Terjemahan Chriswan Sungkono dan Machmudin Eka P., Ed.; 10th ed.). Salemba Empat.
- Lenert, L. A., Kirsh, D., Griswold, W. G., Buono, C., Lyon, J., Rao, R., & Chan, T. C. (2011). Design and evaluation of a wireless electronic health records system for field care in mass casualty settings. *Journal of the American Medical Informatics Association : JAMIA*, 18(6), 842–852. <https://doi.org/10.1136/amiajnl-2011-000229>
- Li, W.-S., Huang, M.-W., Su, W.-R., Lee, Y., Liu, Y.-C., Chen, K.-H., & Chang, C.-L. (2021). *Application of Disaster Management Information for the*

- COVID-19 Pandemic*. 622, 49–56. Scopus. https://doi.org/10.1007/978-3-030-81469-4_5
- Litke, N., Weis, A., Koetsenruijter, J., Fehrer, V., Koeppen, M., Kuemmel, S., Szecsenyi, J., & Wensing, M. (2022). Building resilience in German primary care practices: A qualitative study. *BMC Primary Care*, 23(1). Scopus. <https://doi.org/10.1186/s12875-022-01834-4>
- Lynch, T., & Cox, P. (2006). Reverse quality management: Developing evidence-based best practices in health emergency management. *Quality Management in Health Care*, 15(2), 104–115. Scopus. <https://doi.org/10.1097/00019514-200604000-00005>
- Maryati. (2008). *Manajemen Perkantoran Efektif*. Unit Penerbit dan Percetakan Sekolah Tinggi Ilmu Manajemen YKPN.
- Mears, G. D., Pratt, D., Glickman, S. W., Brice, J. H., Glickman, L. T., Cabañas, J. G., & Cairns, C. B. (2010). The North Carolina EMS Data System: A comprehensive integrated emergency medical services quality improvement program. *Prehospital Emergency Care : Official Journal of the National Association of EMS Physicians and the National Association of State EMS Directors*, 14(1), 85–94. <https://doi.org/10.3109/10903120903349846>
- Mobrad, A., Almorairi, H. M., Khan, A. A., Al-Wathinani, A., & Alotaibi, R. (2022). Perception and Attitude of Medical Staff in the Saudi Red Crescent Authority Toward their Preparedness for Disaster Management and Response. *Disaster Medicine and Public Health Preparedness*, 16(4), 1580–1586. Scopus. <https://doi.org/10.1017/dmp.2021.101>
- Muljo, H. H., & Darmadi, H. (2009). INTEGRASI SISTEM INFORMASI PUSKESMAS. *CommIT (Communication and Information Technology) Journal*, 3(1), 45. <https://doi.org/10.21512/commit.v3i1.512>
- Mulyani, S. (2016). *Metode Analisis dan Perancangan Sistem* (2nd ed., Vol. 1). Abdi Sistematika.
- Murtadho, M. A. (2016). Permasalahan Implementasi Sistem Informasi Di Perguruan Tinggi Swasta. *Jurnal Ilmiah Teknologi Sistem Informasi*, 2(1), 17.
- Mustaqbal, M. S., Firdaus, R. F., & Rahmadi, H. (2015). PENGUJIAN APLIKASI MENGGUNAKAN BLACK BOX TESTING BOUNDARY VALUE ANALYSIS. *Jurnal Ilmiah TEknologi Informasi terapan*, 1(3).
- Nazaruddin Ahmad, Erly Krisnanik, Frits Gerit John Rupilele, Anita Muliawati, Nur Syamsiyah, Kraugusteeliana Kraugusteeliana, Bagus Dwi Cahyono, Yesi Sriyeni, Titus Kristanto, Irwanto Irwanto, & Guntoro Guntoro. (2022). *ANALISA & PERANCANGAN SISTEM INFORMASI*

- BERORIENTASI OBJEK* (N. Rismawati, Ed.). CV WIDINA MEDIA UTAMA.
- Noor Santi, R. C. (2018). Perancangan Interaksi Pengguna (User Interaction Design) Menggunakan Metode Prototyping. *JURNAL TEKNIK INFORMATIKA*, 9(2). <https://doi.org/10.15408/jti.v9i2.5599>
- Nurjanah, R. Sugiharto, Dede Kuswanda, Siswanto BP, A. (2013). *Manajemen Bencana* (2nd ed.). Alfabeta.
- PAHO. (2000). *PAHO (2000) Natural disasters: Protecting the public's health*. <http://publications.paho.org>
- Permenkes No. 75 Tahun 2019 Tentang Penanggulangan Krisis Kesehatan (2019).
- Prabowo, M. (2020). *Metodologi Pengembangan Sistem Informasi*. Lembaga Penelitian dan Pengadain Kepada Masyarakat IAIN Salatiga.
- Prayesti, S., Hadiana, A. I., & Umbara, F. R. (2020). Sistem Informasi Manajemen Penanggulangan Bencana Alam di Kabupaten Bandung Barat. *Informatics and Digital Expert (INDEX)*, 2(1). <https://doi.org/10.36423/ide.v2i1.428>
- Pristiandaru, D. L. (2024, April 3). *Indonesia Urutan Kedua Negara Paling Berisiko Bencana di Dunia*. <https://lestari.kompas.com/read/2024/04/03/200000586/indonesia-urutan-kedua-negara-paling-berisiko-bencana-di-dunia>.
- PSchell, M. jr. & G. (2008). *Sistem Informasi Manajemen* (10th ed.). Salemba Empat.
- Purwanto, T. H., Hartono, & Hadi, M. P. (2015). *Pengembangan Prototipe Infrastruktur Data Spasial Dan Sistem Informasi Geografis Untuk Manajemen Bencana Alam (Studi Kasus Tanggap Darurat Letusan Gunungapi Merapi di Daerah Istimewa Yogyakarta)* [Disertasi, Gadjah Mada University]. https://etd.repository.ugm.ac.id/home/detail_pencarian/81830
- Pusat Krisis Kesehatan Kementerian Kesehatan Republik Indonesia. (2021). *Buku Penanggulangan Krisis Kesehatan Tahun 2020*. Kementerian Kesehatan RI.
- Ramadhanti, N. T., Budiyanto, C. W., & Yuana, R. A. (2023). *The use of heuristic evaluation on UI/UX design: A review to anticipate web app's usability*. 2540(1).
- Sa'diyah, D. I., & Yuhertiana, I. (2021). *Pengaruh Kualitas Sumber Daya Manusia, Komitmen Organisasi, Dan Insentif Terhadap Implementasi Standar Akuntansi Pemerintah Berbasis Akrual (Studi Pada Perangkat Daerah Kota Surabaya)*. 14(1). <https://doi.org/10.51903/kompak.v14i1.375>
- Schmidt, F., et al. (2021). Development of a Web GIS for small-scale detection and analysis of COVID-19 (SARS-CoV-2) cases based on volunteered

- geographic information for the city of Cologne, Germany, in July/August 2020. *International Journal of Health Geographics*, 20, 1–24.
- Setiaji, H., & Wahid, F. (2015). Masalah Implementasi Sistem Informasi Rumah Sakit: Pelajaran dari Beberapa Proyek. *Seminar Nasional Informatika Medis*, VI, 97.
- Seyedin, S. H., & Jamali, H. R. (2011). Health information and communication system for emergency management in a developing country, Iran. *Journal of Medical Systems*, 35(4), 591–597. <https://doi.org/10.1007/s10916-009-9396-0>
- Sholeh, M., Gisfas, I., Cahiman, & Fauzi, M. A. (2021). Black Box Testing on ukmbantul.com Page with Boundary Value Analysis and Equivalence Partitioning Methods. *Journal of Physics: Conference Series*, 1823(1), 012029. <https://doi.org/10.1088/1742-6596/1823/1/012029>
- Skliarov, S., Kubilay, K., & Khorram-Manesh. (2017). Chapter One Definition and general principles of disasters. In *Handbook of disaster and emergency management*. Amir Khorram-Manesh.
- Sutabri. (2005). *Sistem Informasi Manajemen*. Andi Offset.
- Sutiono, A. B., Qiantori, A., Prasetyo, S., Santoso, H., Suwa, H., Ohta, T., Hasan, T., & Murni, T. W. (2010). Designing an emergency medical information system for the early stages of disasters in developing countries: The human interface advantage, simplicity and efficiency. *Journal of Medical Systems*, 34(4), 667–675. <https://doi.org/10.1007/s10916-009-9280-y>
- Tavakoli, N., Yarmohammadian, M., Safdari, R., & Keyvanara, M. (2017). Designing a model of patient tracking system for natural disaster in Iran. *Journal of Education and Health Promotion*, 6. http://dx.doi.org/10.4103/jehp.jehp_135_16
- The 1930s and Onward: Heinrich and Behavior-Based Safety. (2019). In *Foundations of Safety Science: A Century of Understanding Accidents and Disasters* (pp. 87–136). Scopus. <https://doi.org/10.4324/9781351059794-4>
- Tong, X., & Zhang, H. (2020). A Comprehensive Analytical Framework for Risks, Disasters and Crises. In X. Tong & H. Zhang, *China's Emergency Management* (pp. 3–40). Springer Singapore. https://doi.org/10.1007/978-981-13-9140-8_1
- Troy, D. A., Carson, A., Vanderbeek, J., & Hutton, A. (2008). Enhancing community-based disaster preparedness with information technology. *Disasters*, 32(1), 149–165. <https://doi.org/10.1111/j.1467-7717.2007.01032.x>
- Ul-Haq, Z., Shah, B. H., Ardakani, M., Khan, S. A., Muhammad, S., Farooq, S., Khan, S. H., & Huda, Q. (2019). Health system preparedness in Pakistan for crisis management: A cross-sectional evaluation study. *Eastern*

- Mediterranean Health Journal*, 25(8), 553–561. Scopus.
<https://doi.org/10.26719/emhj.18.072>
- Umar, D. D. (2001). *Komputerisasi Pengambilan Keputusan*. PT. Elex Media Komputindo.
- Utarini, A. (2020). *Tak Kenal Maka Tak sayang. Penelitian Kualitatif dalam Pelayanan Kesehatan* (3rd ed.). Gadjah Mada University Press.
- Wahyono, T. (2004). *Sistem informasi (konsep dasar, analisis desain dan implementasi)*. Graha ilmu.
- Walderhaug, S., Meland, P. H., Mikalsen, M., Sagen, T., & Brevik, J. I. (2008). Evacuation support system for improved medical documentation and information flow in the field. *International Journal of Medical Informatics*, 77(2), 137–151.
<https://doi.org/10.1016/j.ijmedinf.2007.01.006>
- Walker, B., Holling, C. S., Carpenter, S. R., & Kinzig, A. P. (2004). Resilience, Adaptability and Transformability in Social-ecological Systems. *Ecology and Society*, 9(2), art5. <https://doi.org/10.5751/ES-00650-090205>
- Walker, B., Salt, D., & Reid, W. (2006). Resilience Thinking: Sustaining Ecosystems and People in A Changing World. *Bibliovault OAI Repository, the University of Chicago Press*.
- Warman, I., & Ardila, A. (2022). Sistem Informasi Mitigasi Rawan Bencana Kota Padang Berbasis Web—ArcGis. *Explore: Jurnal Sistem Informasi dan Telematika*, 13(1), 38. <https://doi.org/10.36448/jsit.v13i1.2536>
- Waterman, H., Tillen, D., Dickson, R., & de Koning, K. (2001). Action research: A systematic review and guidance for assessment. *Health Technology Assessment (Winchester, England)*, 5(23), iii–157.
- Wetherbe, J. (2012). *Buku Systems Analysis and Design: Traditional, Best Practices*. St. Paul : West Pub. Co.
- WHO. (1999). *Community emergency preparedness: A manual for managers and policy-makers*. WHO.
- WHO. (2006). *Public Health Mapping and GIS for Global Health Security, a WHO strategic operational framework*.
- World Health Organization. (2019). *Health emergency and disaster risk management framework*.
- Zakiyudin, A. (2012). *Sistem Informasi Manajemen, Edisi Kedua*. Mitra Wacana Meida.
- Zhao, J., Ding, F., Wang, Z., Ren, J., Zhao, J., Wang, Y., Tang, X., Wang, Y., Yao, J., & Li, Q. (2018). A rapid public health needs assessment framework for after major earthquakes using high-resolution satellite imagery. *International Journal of Environmental Research and Public Health*, 15(6). <https://doi.org/10.3390/ijerph15061111>