



DAFTAR PUSTAKA

- Abidin, H. Z. (2001). Geodesi satelit. *Jakarta: Pradnya Paramita*.
- Abidin, H. Z., Andreas, H., Meilano, I., Gamal, M., Gumilar, I., & Abdullah, C. I. (2009). Deformasi koseismik dan pascaseismik gempa Yogyakarta 2006 dari hasil survei GPS. *Indonesian Journal on Geoscience*, 4(4), 275-284. <https://dx.doi.org/10.17014/ijog.4.4.275-284>
- Badan Nasional Penanggulangan Bencana. (2021). Total Kerusakan dan Kerugian Pascagempa M6,2 Sulbar Capai Rp829,1 Miliar. Jakarta, DKI: Dr. Raditya Jati. Diakses dari <https://bnpb.go.id/berita/total-kerusakan-dan-kerugian-pascagempa-m6-2-sulbar-capai-rp829-1-miliar#:~:text=Data%20sementara%20BNPB%20per%2026,Majene%20men>
- Bürgmann, R., Rosen, P. A., & Fielding, E. J. (2000). Synthetic aperture radar interferometry to measure Earth's surface topography and its deformation. *Annual review of earth and planetary sciences*, 28(1), 169-209. <https://doi.org/10.1146/annurev.earth.28.1.169>
- Calvet, A., Balbarani, S., & Gende, M. (2023). DinSAR coseismic deformation measurements of the Mw 8.3 Illapel earthquake (Chile). *Journal of Geodetic Science*, 13(1), 20220154. <https://doi.org/10.1515/jogs-2022-0154>
- Chelbi, S., Khireddine, A., & Charles, J. P. (2011, December). Interferometry process for satellite images SAR. In *2011 7th International Conference on Electrical and Electronics Engineering (ELECO)* (pp. II-200). IEEE.
- Chen, C. W., & Zebker, H. A. (2002). Phase unwrapping for large SAR interferograms: Statistical segmentation and generalized network models. *IEEE Transactions on Geoscience and Remote Sensing*, 40(8), 1709-1719.
- Chini, M., Atzori, S., Trasatti, E., Bignami, C., Kyriakopoulos, C., Tolomei, C., & Stramondo, S. (2009). The May 12, 2008, (Mw 7.9) Sichuan earthquake (China): multiframe ALOS-PALSAR DInSAR analysis of coseismic deformation. *IEEE Geoscience and Remote Sensing Letters*, 7(2), 266-270.



Christy, Y. A. (2018). *Kaitan Penurunan Muka Tanah Dari Citra Sentinel 1A dan Muka Air Tanah Di Kota Semarang Tahun 2016-2017* (Doctoral dissertation, Universitas Gadjah Mada).

Cuevas-González, M., Crosetto, M., Monserrat, O., & Crippa, B. (2018). Sentinel-1A/B imagery for terrain deformation monitoring: a strategy for Atmospheric Phase Screening (APS) estimation. *Procedia computer science*, 138, 388-392. <https://doi.org/10.1016/j.procs.2018.10.055>

Curlander, J. C., & McDonough, R. N. (1991). *Synthetic aperture radar* (Vol. 11). Wiley, New York.

Dong, S., & Huang, L. (2011, June). Mapping surface displacement based on D-InSAR technique. In 2011 International Conference on Remote Sensing, Environment and Transportation Engineering (pp. 3259-3262). IEEE. <https://doi-org.ezproxy.ugm.ac.id/10.1109/RSETE.2011.5965008>

Febriyanti, R. F. (2017). Analisis Deformasi Permukaan Gunung Raung Menggunakan Teknologi Differential Interferometry Synthetic Aperture Radar (DInSAR) Berdasarkan Erupsi 28 Juni 2015. *Tugas Akhir. Teknik Geomatika, Institut Teknologi Sepuluh Nopember, Surabaya*.

Ferretti, A., Monti-Guarnieri, A., Prati, C., Rocca, F., & Massonet, D. (2007). *InSAR principles-guidelines for SAR interferometry processing and interpretation* (Vol. 19).

Fuhrmann, T., & Garthwaite, M. C. (2019). Resolving three-dimensional surface motion with InSAR: Constraints from multi-geometry data fusion. *Remote Sensing*, 11(3), 241. <https://doi.org/10.3390/rs11030241>

Franceschetti, G., Lanari, R., Franceschetti, G., & Lanari, R. (1999). *Synthetic Aperture Radar Processing* (1st ed.). CRC Press. <https://doi.org/10.1201/9780203737484>

Goldstein, R., & Werner, C. (1997). Radar ice motion interferometry.

Hall, R., & Wilson, M. E. J. (2000). Neogene sutures in eastern Indonesia. *Journal of Asian Earth Sciences*, 18(6), 781-808. [https://doi.org/10.1016/S1367-9120\(00\)00040-7](https://doi.org/10.1016/S1367-9120(00)00040-7)

Hamilton, W. B. (1979). *Tectonics of the Indonesian region* (Vol. 1078). US Government Printing Office.



- Hanssen, R. F. (2001). *Radar interferometry: data interpretation and error analysis* (Vol. 2). Springer Science & Business Media.
- Hartono, D., Apriyadi, R. K., Winugroho, T., Aprilyanto, A., Sumantri, S. H., Wilopo, W., & Islami, H. S. (2021). Analisis Sejarah, Dampak, Dan Penanggulangan Bencana Gempa Bumi Pada Saat Pandemi Covid-19 Di Sulawesi Barat. *PENDIPA Journal of Science Education*, 5(2), 218-224. <https://doi.org/10.33369/pendipa.5.2.218-2>
- Huda, A. M., & El Ridho, N. K. (2019). ANALISIS SEISMISITAS SULAWESI BERDASARKAN DATA KEGEMPAAN PERIODE 2008-2018. *PETROGAS: Journal of Energy and Technology*, 1(2), 34-43. <https://doi.org/10.58267/petrogas.v1i2.26>
- Indrastomo, F. D., Sukadana, I., & Suharji. (2017). Identification of Geological Structure Pattern as Radioactive Minerals Distribution Control Based on Landsat-8 Imagery Lineaments in Mamuju, Sulawesi Barat. *EKSPLORIUM-BULETIN PUSAT TEKNOLOGI BAHAN GALIAN NUKLIR*, 38(2), 71-80.
- Kankaku, Y., Suzuki, S., & Osawa, Y. (2013, July). ALOS-2 mission and development status. In *2013 IEEE International Geoscience and Remote Sensing Symposium-IGARSS* (pp. 2396-2399). IEEE. <https://doi.org/10.1109/IGARSS.2013.6723302>
- Kuang, J., Ge, L., Metternicht, G. I., Ng, A. H. M., Wang, H., Zare, M., & Kamranzad, F. (2019). Coseismic deformation and source model of the 12 November 2017 MW 7.3 Kermanshah Earthquake (Iran-Iraq border) investigated through DInSAR measurements. *International journal of remote sensing*, 40(2), 532-554.
- Kuang, S. (1996). Geodetic network analysis and optimal design: concepts and applications. Ann Arbor Press.
- Kurniawan, R., & Anjasmara, I. M. (2016). Pemanfaatan Metode Differential Interferometry Synthetic Aperture Radar (DInSAR) untuk Pemantauan Deformasi Akibat Aktivitas Eksplorasi Panasbumi. *Jurnal Teknik ITS*, 5(2), B331-B336. <http://dx.doi.org/10.12962/j23373539.v5i2.17361>
- Mahendra, G., & Panuntun, H. (2022). Ekstraksi Deformasi Koseismik 2.5-D Menggunakan Data Multiple SAR Sentinel-1 (Studi Kasus Gempa Bumi Iran



14 November 2021). *JGISE: Journal of Geospatial Information Science and Engineering*, 5(2), 102-109. <https://doi.org/10.22146/jgise.78205>

Monserrat, O., M. Crosetto, and G. Luzi. "A review of ground-based SAR interferometry for deformation measurement." *ISPRS Journal of Photogrammetry and Remote Sensing* 93 (2014): 40-48. <https://doi.org/10.1016/j.isprsjprs.2014.04.001>

Natsuaki, Ryo, Masato Ohki, Hiroto Nagai, Takeshi Motohka, Takeo Tadono, Masanobu Shimada, and Shinichi Suzuki. "Performance of ALOS-2 PALSAR-2 for disaster response." In *2017 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, pp. 2434-2437. IEEE, 2017. <https://doi.org/10.1109/IGARSS.2017.8127484>

Pakpahan, S., Ngadmanto, D., Masturyono, M., Rohadi, S., Rasmid, R., Widodo, H. S., & Susilanto, P. (2015). Analisis Kegempaan di Zona Sesar Palu Koro, Sulawesi Tengah. *Jurnal Lingkungan dan Bencana Geologi*, 6(3), 253-264.

Panuntun, H. (2021). Geodetic slip model of the November 26, 2019 Albania earthquake estimated from Sentinel-1 TOPS interferometry. *Tectonophysics*, 807, 228814. <https://doi.org/10.1016/j.tecto.2021.228814>

Panuntun, H., & Prasidya, A. S. IDENTIFIKASI DEFORMASI PERMUKAAN GEMPA BUMI TURKI 24 JANUARI 2020 DENGAN TEKNIK INTERFEROMETRIC SYNTHETIC APERTURE RADAR (INSAR).

Parker, A. L. (2016). *InSAR observations of ground deformation: Application to the Cascades volcanic arc*. Springer.

Rasimeng, S., Karyanto, K., Mulyatno, B. S., & Azhari, M. F. (2020). Analisis Deformasi Permukaan Menggunakan Metode DInSAR (Differential Interferometry Synthetic Aperture Radar) Pada Studi Kasus Gempabumi Lombok Periode Agustus 2018. *Jurnal Geofisika Eksplorasi*, 6(2), 131-144. <https://doi.org/10.23960/jge.v6i2.68>

Sari, A. (2014). Metode Differential Interferometry Synthetic Aperture Radar (DINSAR) untuk Analisa Deformasi Di Daerah Rawan Bencana Gempa Bumi (Studi Kasus: Kepulauan Mentawai, Sumatera Barat). Surabaya: Jurusan Teknik Geomatika Institut Teknologi Sepuluh Nopember.



Sarsito, D.A., Andreas, Abidin, H.Z., Meilano, I., Darmawan, dan Gamal, 2005, “Implikasi Co-Seismic dan Post-Seismic Horisontal *Displacement* Gempa Aceh 2004 terhadap Status Geometrik Data Spasial Wilayah Aceh dan Sekitarnya”, Kelompok Keahlian Geodesi, Departemen Teknik Geodesi, Institut Teknologi Bandung, Bandung.

Sukamto, R. (1975). The structure of Sulawesi in the light of plate tectonics. In *Proceedings of Regional Conference on Geology and Mineral Resources of Southeast Asia* (pp. 121-141).

Supendi, P., Ramdhan, M., Sianipar, D., Wibowo, A., Gunawan, M. T., Rohadi, S., ... & Elsera, E. M. (2021). Foreshock–mainshock–aftershock sequence analysis of the 14 january 2021 (Mw 6.2) Mamuju–Majene (West Sulawesi, Indonesia) earthquake. *Earth, Planets and Space*, 73(1), 1-10.
<https://doi.org/10.1186/s40623-021-01436-x>

Takami, J. (2021, November). Land Subsidence Monitoring by SBAS-InSAR Technique with the Conversion to Horizontal-Vertical *Displacements* in Semarang. In *2021 7th Asia-Pacific Conference on Synthetic Aperture Radar (APSAR)* (pp. 1-6). IEEE.
<https://doi.org/10.1109/APSAR52370.2021.9688411>

Xu, X., Sandwell, D. T., & Smith-Konter, B. (2020). Coseismic *displacements* and surface fractures from Sentinel-1 InSAR: 2019 Ridgecrest earthquakes. *Seismological Research Letters*, 91(4), 1979-1985.
<https://doi.org/10.1785/0220190275>