

## DAFTAR PUSTAKA

- Abdelfattah, R.; Nicolas, J.M. 2002. Topographic SAR interferometry formulation for high-precision DEM generation. *IEEE Trans. Geosci. Remote Sens.* 40, 2415–2426. [CrossRef]
- Ardika, M., Meilano, I., Gunawan, E. 2015. Postseismic deformation parameters of the 2010 M7.8 Mentawai, Indonesia, earthquake inferred from continuous GPS observations. *Asian J. Earth Sci.* 8, 127–133. <https://doi.org/10.3923/ajes.2015.127.133>
- Aris, W.A.W., Musa, T.A., Omar, K. 2016. Estimation of co- and postseismic deformation after the mw 8.6 nias-semeulue and mw 8.5 bengkulu earthquakes from continuous GPS data. *Int. Arch. Photogramm. Remote Sens. Spat. Inf. Sci. - ISPRS Arch.* 42, 61–64. <https://doi.org/10.5194/isprs-archives-XLII-4-W1-61-2016>
- Bamler R, Kampes B, Adam N, Suchandt S. 2005. Assessment of slow deformations and rapid motions by radar interferometry. In: Fritsch D, editor. *Photogrammetric week 05*. Heidelberg: Wichmann Verlag; p. 1–12
- Bidang Seismologi Teknik (BMKG). 2018. Ulasan Guncangan Tanah Akibat Gempa Bumi Donggala 28 September 2018
- Chai, T. dan Draxler, R.R. 2014. Root Mean Square Error (RMSE) or Mean Absolute Error (MAE)? -Arguments Against Avoiding RMSE in The Literature. *Geosci. Model Dev.* 7, hal. 1247-1250
- Crosetto, M. 2002. Calibration and validation of SAR interferometry for DEM generation. *J. Photogramm. Remote Sens.* 57, 213–227. [CrossRef]
- ESA. 2012. ESA's radar observatory mission for GMES operational services, ESA Special Publication, Tersedia pada: [https://sentinel.esa.int/documents/247904/349449/S1\\_SP-1322\\_1](https://sentinel.esa.int/documents/247904/349449/S1_SP-1322_1)
- Ardika, M., Meilano, I., Gunawan, E., 2015. Postseismic deformation parameters of the 2010 M7.8 Mentawai, Indonesia, earthquake inferred from continuous GPS observations. *Asian J. Earth Sci.* 8, 127–133. <https://doi.org/10.3923/ajes.2015.127.133>
- Dong, Y., Meng, G., Hong, S. 2020. Coseismic and Postseismic Deformation of the 2016

- M w 6.6 Aketao Earthquake from InSAR Observations and Modelling. *Pure Appl. Geophys.* 177, 265–283. <https://doi.org/10.1007/s00024-019-02092-9>
- Fang, J., Xu, C., Wen, Y., Wang, S., Xu, G., Zhao, Y., Yi, L. 2019. The 2018 Mw 7.5 Palu earthquake: A supershear rupture event constrained by InSAR and broadband regional seismograms. *Remote Sens.* 11, 1–15. <https://doi.org/10.3390/rs11111330>
- Frey Mueller, J., n.d. 2014. Lecture 21: Postseismic Deformation Mechanisms of Postseismic Deformation.
- Hanssen, R.F. 2002. Radar Interferometry, Data Interpretation and Error Analysis.
- Himematsu, Y., Furuya, M. 2020. Coseismic and Postseismic Crustal Deformation Associated With the 2016 Kumamoto Earthquake Sequence Revealed by PALSAR-2 Pixel Tracking and InSAR. *Earth Sp. Sci.* 7, 1–19. <https://doi.org/10.1029/2020EA001200>
- Kaharuddin, M., Hutagalung, R., Nurhamdan. 2011. Terhadap Potensi Gempa Dan Tsunami. *Proc. JCM MAKASSAR 2011 36th HAGI 40th IAGI Annu. Conv. Exhib. Makassar* 26–29.
- Keller, E.A., Pinter, N. 2002. *Active Tectonics* Active Tectonics Edition.
- Lazecký, M., Spaans, K., González, P.J., Maghsoudi, Y., Morishita, Y., Albino, F., Elliott, J., Greenall, N., Hatton, E., Hooper, A., Juncu, D., McDougall, A., Walters, R.J., Watson, C.S., Weiss, J.R., Wright, T.J. 2020. LiCSAR: An automatic InSAR tool for measuring and monitoring tectonic and volcanic activity. *Remote Sens.* 12. <https://doi.org/10.3390/RS12152430>
- Mardhatillah, E., Anggraini, A., Nukman, M. 2020. Tinjauan Perubahan Stress Coulomb Ko-Seismik Pada Sekuens Gempa Palu M 7,5 28 September 2018. *J. Fis. Indones.* 24, 175. <https://doi.org/10.22146/jfi.v24i3.58237>
- Morishita, Y., Lazecký, M., Wright, T.J., Weiss, J.R., Elliott, J.R., Hooper, A. 2020. LiCSBAS: An open-source insar time series analysis package integrated with the LiCSAR automated sentinel-1 InSAR processor. *Remote Sens.* 12, 5–8. <https://doi.org/10.3390/rs12030424>
- Nijholt, N., Simons, W.J.F., Efendi, J., Sarsito, D.A., Riva, R.E.M. 2021. A Transient in

- Surface Motions Dominated by Deep Afterslip Subsequent to a Shallow Supershear Earthquake: The 2018 Mw7.5 Palu Case. *Geochemistry, Geophys. Geosystems* 22. <https://doi.org/10.1029/2020GC009491>
- Pepe, A., Calò, F. 2017. A review of interferometric synthetic aperture RADAR (InSAR) multi-track approaches for the retrieval of Earth's Surface displacements. *Appl. Sci.* 7. <https://doi.org/10.3390/app7121264>
- Rachman, A., Widodo, A., Rochman, J.P.G.N. 2017. Penentuan Magnitudo Gempa Bumi Dengan Menganalisis Amplitudo Anomali Manetik Prekursor Gempa Bumi Dan Jarak Hypocenter. *J. Tek. ITS* 6. <https://doi.org/10.12962/j23373539.v6i2.27583>
- Raharja, R., Gunawan, E., Meilano, I., Abidin, H.Z., Efendi, J. 2016. Long aseismic slip duration of the 2006 Java tsunami earthquake based on GPS data. *Earthq. Sci.* 29, 291–298. <https://doi.org/10.1007/s11589-016-0167-y>
- Sari, A.R. 2014. Metode Differential Interferometry Synthetic Aparture Radar (DINSAR) untuk Analisa Deformasi Di Daerah Rawan Bencana Gempa Bumi (Studi Kasus : Kepulauan Mentawai, Sumatera Barat). *Inst. Teknol. Sepuluh Nop.*
- Savage, J.C., Svarc, J.L. 2010. Postseismic relaxation following the 1989 MS7.1 Loma Prieta earthquake, central California. *J. Geophys. Res. Solid Earth* 115, 1–15. <https://doi.org/10.1029/2009JB006919>
- Seiler, M.C., Seiler, F.A. 1989. *Numerical Recipes in C: The Art of Scientific Computing, Risk Analysis.* <https://doi.org/10.1111/j.1539-6924.1989.tb01007.x>
- Sobrero, F.S., Bevis, M., Gómez, D.D., Wang, F. 2020. Logarithmic and exponential transients in GNSS trajectory models as indicators of dominant processes in postseismic deformation. *J. Geod.* 94, 1–10. <https://doi.org/10.1007/s00190-020-01413-4>
- Socquet, A., Simons, W., Vigny, C., McCaffrey, R., Subarya, C., Sarsito, D., Ambrosius, B., Spakman, W. 2006. Microblock rotations and fault coupling in SE Asia triple junction (Sulawesi, Indonesia) from GPS and earthquake slip vector data. *J. Geophys. Res. Solid Earth* 111, 1–15. <https://doi.org/10.1029/2005JB003963>
- Tobita, M. 2016. Combined logarithmic and exponential function model for fitting

- postseismic GNSS time series after 2011 Tohoku-Oki earthquake 6. *Geodesy. Earth, Planets Sp.* 68. <https://doi.org/10.1186/s40623-016-0422-4>
- Wang, S., Zhang, Y., Wang, Y., Jiao, J., Ji, Z., Han, M. 2020. Post-seismic deformation mechanism of the July 2015 MW 6.5 Pishan earthquake revealed by Sentinel-1A InSAR observation. *Sci. Rep.*10, 1–12. <https://doi.org/10.1038/s41598-020-75278-0>
- Wang, Y., Feng, W., Chen, K., Samsonov, S. 2019. Source characteristics of the 28 September 2018 Mw 7.4 Palu, Indonesia, earthquake derived from the advanced land observation satellite 2 data. *Remote Sens.* 11, 1–16. <https://doi.org/10.3390/rs11171999>
- Yang, C., Han, B., Zhao, C., Du, J., Zhang, D., Zhu, S. 2019. Co- and post-seismic deformation mechanisms of the MW 7.3 Iran earthquake (2017) revealed by Sentinel-1 InSAR observations. *Remote Sens.* 11, 1–17. <https://doi.org/10.3390/rs11040418>
- Yang, C., Han, B., Zhao, C., Du, J., Zhang, D., Zhu, S. 2019. Co- and post-seismic deformation mechanisms of the MW 7.3 Iran earthquake (2017) revealed by Sentinel-1 InSAR observations. *Remote Sens.* 11, 1–17. <https://doi.org/10.3390/rs11040418>
- Youcai, Zhao; Sheng, Huang. 2017. Migration Patterns of Pollutants in Construction & Demolition Waste. <https://doi.org/10.1016/B978-0-12-811754-5.00006-3>
- Yu, C.; Li, Z.; Penna, N.T.; Crippa, P. 2002. Generic Atmospheric Correction Model for Interferometric Synthetic Aperture Radar Observations. *J. Geophys. Res. Solid Earth*, 123, 9202–9222, [10.1029/2017JB015305](https://doi.org/10.1029/2017JB015305).
- Yue, H., Lay, T., Freymueller, J. T., Ding, K., Rivera, L., Ruppert, N. A., & Koper, K. D. 2013. Supershear rupture of the 5 January 2013 Craig, Alaska (Mw 7.5) earthquake. *Journal of Geophysical Research: Solid Earth*, 118, 5903–5919. <https://doi.org/10.1002/2013JB010594>.
- Zebker, H.; Werner, C.; Rosen, P.; Hensley, S. 1994. Accuracy of topographic maps derived from ERS-1 Interferometric Radar. *IEEE Trans. Geosci. Remote Sens.* 32, 823–836. [CrossRef] 39.