

DAFTAR PUSTAKA

- Asamori, K., Umeda, K., Ogawa, Y., Oikawa, T., 2010, Electrical resistivity structure and helium isotopes around Naruko volcano, Northeastern Japan and its implication for the distribution of crustal magma, *International Journal of Geophysics*, 1–7, Tersedia di DOI:10.1155/2010/738139
- Berdichevsky, M.N., dan Dmitriev, V.I., 2008, *Models and methods of magnetotellurics*, Springer, Verlag, Berlin, Heidelberg
- Bianchi, I., Bokelmann, G., dan Shiomi, K., 2015, Crustal anisotropy across northern Japan from receiver functions, *Journal of Geophysical Research, Solid Earth*, 120, 4998–5012, Tersedia di DOI:10.1002/2014JB011681
- Caldwell, T.G., Bibby, H.M. & Brown, C., 2004, The Magnetotelluric Phase Tensor, *Geophysical Journal International*, 158, 457–469
- Daisuke, H., 1992, History of Morphogenetic Environments of the Kitakami Mountains, Northeastern Japan, in the Late Quaternary, *The Science Reports of the Tohoku University, 7th Series (Geography)*, 42, 129-162
- Grandis, H., 2009, Pengantar Pemodelan Inversi Geofisika, Himpunan Ahli Geofisika (HAGI), Jakarta
- Grossi, P., 2012, The M9.0 Tohoku, The M9.0 Tohoku, Earthquake: Short-Term Changes in Seismic Risk, *Risk Management Solutions*, Tersedia di : <https://www.researchgate.net/publication/309173507>
- Halliday, D., Resnick, R. & Walker, J., 2010, Fisika Dasar Jilid 2, 8th edition, Erlangga, Jakarta, Indonesia
- Ishibashi, K., 2004, Status of historical seismology in Japan, *Journal of Geophysical Research*, 47, 339–368
- Iwasaki, T., Kato, W., Moriya, T., Hasemi, A., Umino, N., Okada, T., Miyashita, K., Mizogami, T., Takeda, T., Sekine, S., Matsushita, T., Tashiro, K.,

- Miyamachi, H., 2001, Extensional structure in northern Honshu Arc as inferred from seismic refraction/wide-angle reflection profiling, *Geophysical Research Letter*, 28, 2329–2332
- Khyzhnyak, M., 2014, Geoelectric strike and its application in magnetotelluric, *Thesis*, Faculty of Earth Science, University of Iceland
- Krieger, L., & Peacock, J.R., 2014, MTPy : A Python toolbox for magnetotellurics, *Computers & Geosciences*, 72, 167–175
- Matsu'ura, T., dan Sugaya, K., 2017, Late Quaternary crustal shortening rates across thrust systems beneath the Ou Ranges in the NE Japan arc inferred from fluvial terrace deformation. *Journal of Asian Earth Sciences*, 140(1), 13–30
- Mishina, M., 2009, Distribution of crustal fluids in northeast Japan as inferred from resistivity surveys. *Gondwana Research* (2009), 16, 563–571, Tersedia di DOI:10.1016/j.gr.2009.02.005
- Mitsuhata, Y., Ogawa, Y., Mishina, M., Kono, T., Yokokura, T., Uchida, T., 2001, Electromagnetic heterogeneity of the seismogenic region of 1962 M6.5 Northern Miyagi Earthquake, northeastern Japan, *Geophysical Research Letter*, 28, 4371–4374, Tersedia di DOI:10.1029/2001GL013079
- Naidu, G. D., 2012, Magnetotellurics: basic theoretical concepts, *Springer Theses*, 1, 13-36
- Nakajima, J., Hasegawa, A., 2003, Tomographic imaging of seismic velocity structure in and around the Onikobe volcanic area, northeastern Japan: implications for fluid distribution, *Journal Volcanology Geothermal Research*, 127, 1–18, Tersedia di DOI:10.1016/S0377-0273(03)00155-0
- Nakajima, T., 2013, Late Cenozoic Tectonic Events and Intra-Arc Basin Development in Northeast Japan, *Intech*, Tersedia di DOI : [10.5772/56706](https://doi.org/10.5772/56706)

- Nakamura, Y., 1963, Base levels of erosion in the Central Part of Kitakami Mountainland, *The science reports of the Tohoku University. 7th series, Geography*, 32, 61-70
- Nakano, S., Yamamoto, T., Iwaya, T., Itoh, J., Takada, A., 2001. Quaternary Volcanoes of Japan, *Geological Survey of Japan*, AIST
- Niasari, S. W., 2015, Magnetotelluric investigation of the Sipoholon geothermal field, Indonesia, *Dissertation*, Department of Earth Sciences, Freien Universitat Berlin, Berlin
- Ogawa, Y., Ichiki, M., Kanda, W., 2014, Three-dimensional magnetotelluric imaging of crustal fluids and seismicity around Naruko volcano, NE Japan, *Earth Planet and Space*, 66, 158, Tersedia di DOI:10.1186/s40623-014-0158-y
- Ogawa, Y., Mishina, M., Goto, T., Satoh, H., Oshiman, N., Kasaya, T., Takahashi, Y., Nishitani, T., Sakanaka, S., Uyeshima, M., Takahashi, Y., Honkura, Y., Matsushima, M., 2001, Magnetotelluric imaging of fluids in intraplate earthquake zones, NE Japan back arc, *Geophysical Research Letter* (2001), 28, 3741–3744, Tersedia di DOI:10.1029/2001GL013269
- Ogawa, Y., 1987, Two-dimensional resistivity modelling based on regional magnetotelluric survey in the northern Tohoku district, northeastern Japan. *Journal of Geomagnetism and Geoelectricity* (1987), 39, 349–366, Tersedia di DOI:10.5636/jgg.39.349
- Ogawa, Y., Yukutake, T., Utada, H., 1986, Two-dimensional modelling of resistivity structure beneath the Tohoku district, northern Honshu Japan, by a finite element method. *Journal of Geomagnetism and Geoelectricity* (1986), 38, 45–79, Tersedia di DOI:10.5636/jgg.38.45
- Okada, T., Matsuzawa, T., Nakajima, J. dkk., 2014, Seismic velocity structure in and around the Naruko volcano, NE Japan, and its implications for volcanic and seismic activities. *Earth Planet and Space*, 66, 114, Tersedia di DOI:10.1186/1880-5981-66-114

- Ozawa, A., 1988, Peta Geologi Shinjo and Sakata Skala 1:200.000, *Geological Survey of Japan*
- Parker, E. N., 1958, Cosmic-ray modulation by solar wind. *Physical Review*, 110(6), 1445
- Rodi, W., dan Mackie, R. L., 2001, Nonlinear Conjugate Gradients Algorithm for 2- D Magnetotelluric Inversion, *Geophysics*, 66(1), 174–187, Tersedia di DOI: 10.1190/1.1444893
- Sato, H., Hirata, N., 1998, Deep structure of active fault and formation of Japanese island arc. *Kagaku (Science)*, 68, 63-71 (in Japanese)
- Sato, H., Hirata, N., Iwasaki, T., Matsubara, M., Ikawa, T., 2002, Deep seismic reflection profiling across the Ou backbone Range, northern Honshu Island, Japan, *Tectonophysics*, 355, 41–52
- Seno, T., Sakurai, T., Stein, S., 1996, Can the Okhotsk plate be discriminated from the North American plate?, *Journal of Geophysical Research*, 101, 11305–11315
- Seno, T., Stein, S., Gripp, A., 1993, A model for the motion of the Philippine Sea Plate consistent with NUVEL–1 and geological data, *Journal of Geophysical Research*, 98, 17941–17948, Tersedia di DOI: 10.1029/93JB00782
- Simpson, F., dan Bahr, K., 2005, Practical Magnetotelluric, Cambridge University Press, Cambridge
- Siripunvaraporn, W., Egbert, G., 2009, WSINV3DMT: vertical magnetic field transfer function inversion and parallel implementation, *Physics of the Earth and Planetary Interiors* (2009), 173, 317–329, Tersedia di DOI:10.1016/j.pepi.2009.01.013
- Takahashi, M., 2017, The cause of the east–west contraction of Northeast Japan, *Geological Survey of Japan*, 68, 155–161

Tikhonov, A. N., 1950, On determining electrical characteristics of the deep layers of the Earth's crust, Dok. Akad. Nauk., USSR, 73, 295- 297

Utada, H., 1987, A direct inversion method for two-dimensional modeling in the geomagnetic induction problem, PhD thesis, The University of Tokyo

Zhdanov, M.S., 2009, *Geophysical Electromagnetic Theory and Methods*, Elsevier