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DAFTAR PUSTAKA

Anonim, 2017, California geologic map data, Interactive maps and downloadable data for regional and global geology, geochemistry, geophysics, and mineral resources; products of the USGS Mineral Resources Program, *https://mrdata.usgs.gov/geology/state/state.php?state=CA* diakses tanggal 18 Mei 2017.

Anonim, 2017, Nevada geologic map data, Interactive maps and downloadable data for regional and global geology, geochemistry, geophysics, and mineral resources; products of the USGS Mineral Resources Program, *https://mrdata.usgs.gov/geology/state/state.php?state=NV* diakses tanggal 18 Mei 2017.

Anonim, 2017, TOPEX/Poseidon, *https://id.wikipedia.org/wiki/TOPEX/Poseidon*, diakses tanggal 7 Juli 2017.

Anonim, 2017, United Stated Geological Survey USGS), *https://earthquake.usgs.gov/earthquakes/search/,* diakses tanggal 6 Juli 2017.

Anonim, 2017, Utah geologic map data, Interactive maps and downloadable data for regional and global geology, geochemistry, geophysics, and mineral resources; products of the USGS Mineral Resources Program, *https://mrdata.usgs.gov/geology/state/state.php?state=UT,* diakses tanggal 18 Mei 2017.

Atwater, T., 1970, Implication of Plate Tectonics for the Cenozoic Tectonic Evolution of Western North America, *Geological Society of America Bulletin*, 81, 3513-3536.

Blakely, R.J., 1996, *Potential Theory in Gravity and Magnetic Applications*, Cambridge University Press, USA.

Campione, M., dan Gian, C.C., 2013, Subduction-zone Eartquake Complexity Related to Frictional Anisotropy in Antigorite, *Nature Geoscience*, 6, 847-851.

Castillo, D.A., dan Ellsworth, W.L., 1993, Seismotectonicsof the San Andreas Fault System Between Point Arena and Cape Mendocino in Northern California Implications for the Development and Evolution of a Young Transform, *Journal of Geophysical Researh: Solid Earth*, 98, B4, 6543–6560.

Cook, K. L., Halverson, M. O., Steoo, J. C., dan Berg, J. W., 1964, Regional Gravity Survey of the Northern Great Salt Lake Desert and Adjacent Areas in Utah, Nevada, and Idaho, *Geologu Society of America Bulletin*, 75, 715-740.

Decourten, F., 2008, *Geology of Northern California*, Department of Earth Science Sierra College, USGS.

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Dentith, M., dan Mudge, S.T., 2014, *Geophysics for the Mineral Exploration Geoscientist*, Cambridge University Press, New York.

Dickinson, W.R., 2006, Geotectonic Evolution of the Great Basin, *Geosphere*, 2, 7, 353-368.

Dziak, R.P., Fox, C.G., Bobbitt, A.M., dan Goldfinger, C., 2002, Bathymetric Map of the Gorda Plate : Structural and Geomorphological Processes Inferred from Multibeam Surveys, *Marine Geophysical Researches*, 22, 4, 235–250.

Farmer, G. L., dan DePaolo, D. J., 1983, Origin of Mesozoic and Tertiary Granite in the Western United States and Implications for Pre-Mesozoic Crustal Structure 1. Nd and Sr Isotopic Studies in the Geocline of the Northern Great Basin, *Journal of Geophysical Research*, 88, B4, 3379-3401.

Fu, L., Christensen, E.J., dan Jr, C.A.Y., 1994, TOPEX/POSEIDON mission overview, *Journal of Geophysical Researh: Oceans*, 99, C12, 369–381.

Furlong, K.P., dan Schwartz, S.Y., 2004, Influence of The Mendocino Triple Junction on The Tectonics Of Coastal, *Annual Review of Earth and Planetary Sciences*, 32, 403-433.

Grant, F.S., dan West, G.F., 1965, *Interpretation Theory in Applied Geophysics*, McGraw-Hill Book Company, New York.

Grow, J. A., dan Bowin, C. O., 1975, Evidence for high density crust and mantle beneath the Chile Trench due to the descending lithosphere, *Journal of Geophysical Research,* 80, 1449-1458.

Jachens, R.C., dan Griscom, A., 1983. Three-Dimensional Geometry of the Gorda Plate Beneath Northern California, *Journal of Geophysical Research: Solid Earth*, 88, B11, 9375–9392.

Lilie J. R., 1999, *Whole Earth Geophysics, An Introductory Textbook for Geologist and Geophysicists*, Prentice-Hall, Inc, United Stated of America.

Menard, H.W., dan Atwater, T., 1968, Changes in Direction of Sea Floor Spreading, *Nature*, 219, 463-467.

Meqbel, N.M., Egbert, G.D., Wannamaker, P.E., Kelbert, A., dan Schultz, A., 2013, Deep electrical resistivity structure of the northwestern U.S. derived from 3-D inversion of USArray magnetotelluric data, *Earth and Planetary Science Letters*, 290–304.

Obrebski, M., Allen, M.R., Pollitz, F., dan Hung, S.H., 2011, Lithosphere–asthenosphere interaction beneath the western United States from the joint inversion of body-wave traveltimes and surface-wave phase velocities, *Geophysical Journal International*, 185, 2, 1003–1021.

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Riddihough, R., 1984, Recent movements of the Juan de Fuca Plate System, *Journal of Geophysical Researh: Solid Earth*, 89, B8, 6980–6994.

Romadlon A.F., 2017, Pemodelan Inversi 2-D Metode Magnetotellurik Studi kasus: Zona Subduksi Cascadia Bagian Utara, Amerika Utara, *Skripsi*, Universitas Gadjah Mada, Yogyakarta.

Romanyuk, T.V., Blakely, R., dan Mooney, W.D., 1998, The Cascadia Subduction Zone : Two Contrasting Models of Lithospheric Structure, *Physics and Chemistry of the Earth*, 23, 3, 297–301.

Sadjab, B. A., 2016, Identifikasi Struktur Bawah Permukaan Berdasarkan Analisis Anomali Gravitasi dan Didukung oleh Data Focal Mechanism Provinsi Nusa Tenggara Timur Lembar Kupang-Atambua, *Tesis*, Program Studi S2 Ilmu Fisika, Universitas Gadjah Mada, Yogyakarta.

Sapiie, B., Magetsari, N.A., Harsolumakso, A.H., dan Abdullah, C. I., 2014, *GeologiFisik*, Laboratorium Geologi Dinamis Fakultas Ilmu dan Teknologi Kebumian Institut Teknologi Bandung, Bandung.

Saragih, R. D., 2016, Identifikasi Sesar Sumatera di Sumatera Barat Bagian Tengah Berdasarkan Analisis Data Gravitasi, *Tesis*, Program Studi S2 Ilmu Fisika, Universitas Gadjah Mada, Yogyakarta.

Sandwell, D. T., 2002, Reference Earth Model-WGS84, *http://www.ipnas.ulg.ac.be/garner/donneesGPS/FormeDelaTerre.pdf* diakses tanggal 10 Oktober 2017.

Seeber, G., 1993, *Satellite Geodesy, Foundations, Methods, and Application*s, Walter de Gruyter, Berlin.

Sleeter B.M., Soulard, C.E., Wilson, T.S., dan Sorenson, D.G., 2012, Status and Trends of Land Change in the Western United States-1973 to 2000. *Professional Paper 1794-A*, Virginia, USGS.

Smith, S.W., Knapp, J., dan Mcpherson, R.C., 1993, Seismicity of the Gorda Plate, structure of the continental margin, and an eastward jump of the Mendocino Triple Junction, *Journal of Geophysical Research: Solid Earth*, 98, B5, 8153–8171.

Soulard C.E., 2006, Central Basin and Range Ecoregion, Status and Trends of Land Change in the Western United States-1973 to 2000, *U.S.Geological Survey Professional Paper 1794-A.*

Stoffer P.W., 2006, *Where's the San Andreas Fault? A Guidebook to Tracing the Fault on Public Lands in the San Francisco Bay Region*, Reston, United Stated,

Talwani, M., 1964, Computation With the Help of a Digital Computer of Magnetic Anomelies Caused by Bodies of Arbitrary Shape, *Geophysics*, 30, 5.

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Talwani, M., dan Ewing, M., 1960, Rapid Computation of Gravitational Attraction of Three-Dimensional Bodies of rbitrary Shape, *Geophysics*, 25, 1, 203–225.

Talwani, M., Worzel, L., dan Landisman, M., 1959, Rapid Gravity Computations for Two-Dimensional Bodies with Application to the Mendocino Submarine Fracture Zone, *Journal of Geophysical Research*, 64, 1, 49-59.

Tauzin, B., Bodin, T., Debayle, E., Perrillat, J.P., Reynard, B., 2016, Multi-Mode Conversion Imaging of The Subducted Gorda and Juan de Fuca Plates Below the North American Continent, 440, 135-146.

Telford, M. W., Gerdart, L. P., dan Sheriff, R. E., Keys, D. A., 1990, *Applied Geophysics*, Cambridge University Press.

Torge, W., 2001, *Geodesy – third completely revised and extended edition*, Walter de Gruyter GmBH and Co, Berlin, Germany.

Verdonck D., dan Zandt G., 1994**,** Three-dimensional crustal structure of the Mendocino Triple Junction region from local earthquake travel times, *Journal of Geophysical Research*, 99, 12, 843-858.

Wiese K., 2015, https://www.youtube.com/watch?v=2TSTVCIZ-dg [Diakses 25 Mei 2017].

Xue, M., dan Allen, R. M., 2007., The fate of the Juan de Fuca plate: Implication for a Yellowstone plume head, *Earth and Planetary Science Letters*, 264, 1-2, 266-276.

Zoback, M. L., 1983, Structure and Cenozoic tectonism along the Wasatch fault zone, Utah, *Geological Society of America Memoir 157*, USGS, California.