

## DAFTAR PUSTAKA

- Amril, A., Sukowitono., dan Supriyanto., 1991, *Jatibarang Sub Basin*, IPA processing. 2014 Annual Convention , Jakarta, hal 279-307.
- Bacon, M., Simm, M., Redshaw, T., 2007, *3-D Seismic Interpretation*, Cambridge : Cambridge University Press.
- Barclay, F., 2008, *Seismic Inversion : Reading Between the Lines*, : Spring.
- Barss, J. S ., Bujak, J. P., Wade, J.A., dan Williams, G.L., 1980, *Age, stratigraphy, organic matter type and color, and hydrocarbon occurrences in forty-seven wells offshore eastern Canada Geological Survey of Canada*, Open File Report No.714, 6p.
- Bhatia, A. B. dan Singh, R. N., 1986, *Mechanics of Deformable Media*, Bistol, University of Sussex Press, England.
- Biol, F ., 2014 , *International Energy Agency : World Energy Outlook 2014*, IEA, Paris.
- Brook, A. R., Landrum, R.A., Sallas, J.J., 1993, *Report to the SEG Technical Standard Committe Regarding Polarity Convention for Vibratory Source/Recording System.*, SEG.
- Choquette, P.W. dan Pray, L. C., 1970, *Geologic nomenclature and classification of porosity in sedimentary carbonates: AAPG Bulletin*, v. 54/2, p. 207-244.
- Cummings, D. I. dan Arnott, R. W. C., 2006, *Shelf-margin deltas: A new (but old) play type, offshore Nova Scotia, Canada*, Bulletin of Canadian Petroleum Geology, Kanada.
- Hilterman, F.J., 2001, *Distinguished Instructor Short Course no.4 Seismic Amplitude interpretation*, EAGE.
- Huuse, M. dan Feary, D.A., 2014, *Seismic inversion for acoustic impedance and porosity of Cenozoic cool-water carbonates on the upper continental slope of the Great Australian Bight*, Marine Geology, Volum 215, Issues 3–4.
- Jansa, L. F., dan Wade, J. A., 1975, *Geology of the continental margin off Nova Scotia and Newfoundland; in Offshore Geology of Eastern Canada*, Volum 2, Regional Geology, ed. W.

- Linden, J. M., dan Wade, J. A., 1975, *Geological Survey of Canada*, Paper 74-30, Vol. 2, p. 51-106.
- Latimer, R. B., Davidson, R., 2000, *An interpreter's guide to understanding and working with seismic-derived acoustic impedance data*. SEG .
- Kartika, F., Mulyatno, Supto., Zaenudin. dan Ahmad, 2013, *Karakterisasi Reservoir "Febri-Unila Field" Menggunakan Metode Acoustic Impedance (AI) Inversion*, Unila, Lampung : Tidak dipublikasikan.
- Kidston, A.G., Brown, D.E., Smith, B.M., dan Altheim, B., 2005, *The Upper Jurassic Abenaki Formation Offshore Nova Scotia: A Seismic and Geologic Perspective*, Canada-Nova Scotia Offshore Petroleum Board, Kanada.
- Klemme, H. D., 1994, *Petroleum Systems of the World Involving Upper Jurassic Source Rocks*. In: L.B. Magoon, and W.G. Dow (Eds.), *The Petroleum System –From Source to Trap*. American Association of Petroleum Geologists Memoir 60, pp.51-72
- Koesoemadinata, R. P., 1980, *Geologi Minyak dan Gas Bumi Jilid 1 dan 2*, Institut Teknologi Bandung, Bandung.
- McIaver, N.L., 1972, *Cenozoic and Mesozoic stratigraphy of the Nova Scotia shelf*, *Canadian Journal of Earth Science*, Vol. 9, p. 54– 70.
- Given, M. M., 1977, *Mesozoic and early Cenozoic geology of Offshore Nova Scotia*. *Bulletin of Canadian Petroleum Geology*, vol.25, no.1, pp.63-91.
- Milsom., 2003, *Field Geophysics*, John Wiley and Sons , West Sussex.
- Nenggala, Y, 2012, *Prediksi Sebaran Porositas dan Permeabilitas Pada Formasi Baturaja menggunakan Seismik Inversi Studi Kasus Lapangan Nenggala, Sumatra Selatan*, Skripsi S1, Program Studi Geofisika, Fakultas Matematika dan Ilmu Pengetahuan Alam, UGM, Yogyakarta
- Parker, E. R., 2007. *Canada's Offshore Margins and Petroleum Exploration*, Canadian Society of Petroleum Geologist, Memoir 4, p. 79-102.
- Polikar, R., 1998. *Multi Resolution Analysis : The Discrete Wavelet Transform*. Durham Computation Center, Iowa State University.
- Purwagandhi, S. I., 2014. *Estimasi Model Porositas dan Permeabilitas Batuan Karbonat Menggunakan Analisis Cross Plot dan Inversi Akustik Impedansi Pada Lapangan*

- “Gandhi” *Formasi Gumai-Baturaja Cekungan Sunda*. Skripsi S-1 Program Studi Geofisika Jurusan Fisika Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Gadjah Mada, Tidak dipublikasikan.
- Reeckmann., A. S., 1981. *Relationships Between Lithology ad Diagenesis in a Limestone – Marl Facies Transition : an Electron Microprobe Study*. *The Journal of the International Association of Sedimentologists*, Australia, p. 643 – 652.
- Russel, B. H, 1988, *Introduction to Seismic Inversion Methods*. Soc. Of Exploration Geophysicists.
- Russell, B., dan Hampson, D., 2008. *STRATA:Seismic Inversion Workshop*. Strata Workshop CGG Veritas Company.
- Sahidu, M. R. H., 2009, *Pemodelan Geostatistika Sifat Reservoir Dengan Menggunakan Integrasi Data Atribut Seismik Dan Data Evaluasi Formasi Sumur Pada Lapangan “Pa” Cekungan Sumatra Tengah*. Skripsi S-1 Program Studi Geofisika Jurusan Fisika Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Gadjah Mada, Tidak dipublikasikan.
- Schenk, P. E., 1980, *Paleogeographic implications of the Meguma Group, Nova Scotia; a chip of Africa?.*, Memoir: "The Caledonides in the USA". - Virginia Polytechnic Inst., Dept. of Geological Sci. 2, Pages 27-30.
- Schon, J. H., 1998, *Physical properties of rocks, fundamental and principles of petrophysics. Handbook of geophysical exploration. Section 1*, Seismic exploration, Pergamon, Netherland.
- Shearer, P. M., 2009., *Introduction to Seismology*. Cambridge : Cambridge University Press.
- Sismanto, 2006, *Modul 1: Akuisisi Data Seismik*, Laboratorium Geofisika, Universitas Gadjah Mada, Yogyakarta.
- Sismanto, 2013, *Fisika Batuan, Pendekatan Estimasi Pemeabilitas dan Saturasi Air Berbasis Data Seismik*, Graha Ilmu, Yogyakarta.
- Sukmono, S., 1999, (a) *Interpretasi Seismik Refleksi*. Bandung : Jurusan Teknik Geofisika, Institut Teknologi Bandung.
- Sukmono, S., 1999, (b) *Interpretasi Seismik Stratigrafi*, Jurusan Teknik Geofisika: Bandung, Jawa Barat.

- Sukmono, S., 2000, “*Seismik Inversi untuk Karakterisasi Reservoir*”, Jurusan Teknik Geofisika, Institut Teknologi Bandung.
- Sukmono, S., 2007,(a) *Seismic Attributes for Reservoir Characterization. Department of Geophysical Engineering*, FIKTM, Institut Teknologi Bandung.
- Sukmono, S., 2007,(b) *Fundamentals of Seismic Interpretation*, Geophysical Engineering, Bandung Institute of Technology, Bandung.
- Wade, J. A., 1990, *The geology of the southeastern margin of Canada*, Geological Survey of Canada, Geology of Canada.
- Wade, J. A., dan MacLean, B.C., 1990, *Aspects of the geology of the Scotian Basin from recent seismic and well data*, Keen, M. J. and Williams, G. L, Geology of Canada, Vol 2, 167-238, Kanada.
- Wade, J. A., MacLean, B.C., dan Williams, G.L., 1995. *Mesozoic and Cenozoic stratigraphy, eastern Scotian Shelf: new interpretation*, Can, Journal Earth Science, 32, 1462-1473, Kanada.
- Wyllie, M. R., Gregory, A. R., dan Gardner, G. H. F, 1956, *Elastic Wave Velocities in Heterogeneous and Porous Media* : Geophysic 21, p. 41-70.
- Yilmaz, O., 1987. *Seismic Data Processing*. Society Exploration Geophysics.



UNIVERSITAS  
GADJAH MADA

**ESTIMASI POROSITAS BATUAN KARBONAT BERDASARKAN INVERSI IMPEDANSI AKUSTIK PADA  
LAPANGAN PENOBSCOT  
FORMASI ABENAKI, CEKUNGAN SCOTIA, KANADA**

MAHMUDDIN YUNUS, Prof. Dr. Sismanto, M.Si

Universitas Gadjah Mada, 2015 | Diunduh dari <http://etd.repository.ugm.ac.id/>