

DAFTAR RIWAYAT HIDUP



A. Data Personal

Nama : Dr. Nur Islami, S.Si., MT
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Jabatan : Lektor Kepala
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B. Riwayat Pendidikan

Pendidikan :

- Sekolah Dasar, SD Negeri 004 Ranah, 1986
- Sekolah Lanjutan Pertama, SMPN Airtiris, 1989
- Sekolah Lanjutan Atas, SMA N 6 Pekanbaru, 1992

	S-1	S-2	S-3
Nama Perguruan Tinggi	Universitas Riau	Institute Teknologi Bandung	University Malaya
Bidang Ilmu	Fisika	Fisika Bumi	Fisika Bumi
Tahun Masuk-Lulus	1992-1997	2001-2013	2008-2012
Judul Skripsi/Tesis/Disertasi	-	-	Integrated geophysical, hydrochemical and soil properties analysis for groundwater investigation in North Kelantan
Nama Pembimbing/Promotor	-	Prof. Dr. Iwan Tahyudin	Asc. Prof. Dr. Samsudin Taib Prof. Dr. Ismail Yusoff

C. Pengalaman Penelitian

No.	Tahun	Judul Penelitian	Pendanaan
			Sumber*
1	2010	Groundwater Investigation In North Kelantan (Ketua)	UM Research Grant
2	2011	Searching fractured groundwater (Ketua)	Petronas
3	2012	Geophysical method for Hydrological Rezim Investigation (Ketua)	Petronas
4	2013	Geological Evolution of North Borneo Basin (Anggota)	Research Collaboration Between UM and Ultreth University (Netherland)
5	2014	Slope investigation in selected area (Ketua)	UM Research Grant
6	2016	Integrasi metode geolistrik, krigging simulasi gaussian, dan pemodelan hydrogeologi untuk analisa ketebalan gambut dan potensi airtanah: Mitigasi awal kebakaran lahan gambut Cagar Biosfer Giam Siak Kecil	DIPA Universitas Riau
7	2017	Integrasi metode geolistrik, krigging simulasi gaussian, dan pemodelan hydrogeologi untuk analisa ketebalan gambut dan potensi airtanah: Mitigasi awal kebakaran lahan gambut Cagar Biosfer Giam Siak Kecil	DIPA Universitas Riau
8	2018	Integrasi metode geofisika dan analisa karakter fisika-geokimia airtanah untuk studi potensi geothermal, Rokan Hulu.	DIPA Universitas Riau

D. Pengalaman Pengabdian Kepada Masyarakat dalam 5 Tahun Terakhir

No.	Tahun	Judul Pengabdian Kepada Masyarakat	Sumber*
1	2015	Pelatihan Pembuatan Media Pembelajaran Pada Guru SMA Kec. Kandis (Anggota)	UNRI
2	2017	Workshop Penulisan Artikel Ilmiah, Suram	LPPMP
3	2017	Workshop Penulisan Artikel Ilmiah, Bangkinang	LPPMP

E. Publikasi Artikel Ilmiah Dalam Jurnal

No.	Judul Artikel Ilmiah	Nama Jurnal	Volume/Nomor/Tahun
1	Google earth as an interactive learning media for the Earth Physics subject	Journal of Educational Sciences (Terindek DOAJ dan Google Scholar)	Vol 2, No 2, Juli 2018
2	Integrated geoelectrical resistivity and hydrogeochemical methods for delineating and mapping heavy metal zone in aquifer system	Environmental Earth Sciences (Akreditasi Scopus dan Tompson Reuters)	77(10), 383, 2018
3	Evaluation of the Fate of Nitrate and Analysis of Shallow Soil Water using Geo-electrical Resistivity Survey	Journal of Engineering and Technological Sciences (Akreditasi Scopus dan Tompson Reuters)	49 (4), 491-507. 2017
4	Using time-lapse 4D seismic to monitor saturation changes in carbonate reservoirs	Journal of the Geological Society of India, (Akreditasi Scopus dan Tompson Reuters)	88 (6), 736-742, 2016
5	Electrical resistivity imaging and hydrochemical analysis for groundwater investigation in Kuala Langat, Malaysia	Hydrological Sciences Journal, (Akreditasi Scopus dan Tompson Reuters)	61 (4), 751-762, 2016
6	Integrated geoelectrical and hydrogeochemical investigation for mapping the aquifer at Langat Basin, Malaysia	Environmental Earth Sciences, (Akreditasi Scopus dan Tompson Reuters)	75 (4), 304, 2016
7	Artificial Neural Network Technique for Modeling of Groundwater Level in Langat Basin, Malaysia	Sains Malaysiana, (Akreditasi Scopus dan Tompson Reuters)	45 (1), 19-28, 2016
8	Application of the artificial neural network and neuro fuzzy system for assessment of groundwater quality,	CLEAN - Soil, Air, Water Journal (Akreditasi Scopus dan Tompson Reuters)	43 (4), 551-560. 2015
9	Simulation of Groundwater Level Through Artificial intellegent System	Environmental Earth Sciences (Akreditasi Scopus dan Tompson Reuters)	73, 12, 8357-8367, 2015
10	Physical and Chemical Interpretation for Groundwater Quality,	Journal Manusia dan Lingkungan (Akreditasi Dikti)	33, No 3, Nov 2015
11	Groundwater quality assessment of a fresh water wetland in the Selangor (Malaysia) using electrical resistivity and chemical analysis.	Water Science and Technology: Water Supply. (Akreditasi Scopus dan Tompson Reuters)	14(2), 255-264. 2014
12	Integrated Geoelectrical Resistivity, Hydrogeochemical and Soil Properties Analysis Methods to Study Shallow Groundwater in the Agriculture Area,	Environmental Earth Sciences. (Akreditasi Scopus dan Tompson Reuters)	65, Issue 3, 699-712, 2012

	Machang, Malaysia,		
13	Assessment of seawater intrusion to the agricultural sustainability at the coastal area of Carey Island, Selangor, Malaysia	Arabian Journal of Geosciences, (Akreditasi Scopus dan Tompson Reuters)	6 (10), 3909-3928, 2012
14	Time-lapse Chemical Fertilizer Monitoring.	International Journal Environmental Science Technology, (Akreditasi Scopus dan Tompson Reuters)	8, No 4, 765-780, 2011
15	Geoelectrical resistivity and hydrogeochemical contrast between the area that has been applied with fertilization for long duration and non-fertilization	ITB Journal Engineering Sciences, (Akreditasi Scopus)	Vol.42, No. 2, 2010, 151-165
16	Geoelectrical resistivity method for salt/brackish water mapping,	Journal of Coastal Development (Akreditasi Dikti)	Volume 14, Number 2, : 105-115, Feb 2011
17	Groundwater assesment in agricultural area, Case study from Machang, Malaysia,	Journal Manusiadan Lingkungan, (Akreditasi Dikti)	Volume 18, No 1, 2011
18	Geoelectrical Method for subsurface profiling comparison; Case study in Tawang and Sabak Area, North Kelantan - Malaysia,	Jurnal Makara Seri Sain, (Akreditasi Dikti)	14,1, April 2010

F. Pemakalah Seminar Ilmiah (Oral Presentation)

No.	Nama Pertemuan Ilmiah / Seminar	Judul Artikel Ilmiah	Waktu dan Tempat
1	International Conference on Research and Learning of Physics	A preliminary study of geothermal resources in the Rokan Hulu Regency, Riau, Indonesia	11 Agustus 2018, Padang, Indonesia
2	International Conference on Research and Learning of Physics	Geoelectrical Resistivity Survey for Subsurface Investigation in Karst Area	11 Agustus 2018, Padang, Indonesia
3	2018 4th International Conference on Energy, Environment and Materials Science (EEMS 2018)	Groundwater Exploration in the Bedrock Area using Geoelectrical Resistivity Survey	22-24 Juni, 2018, Holiday Inn Atrium Singapore
4	The International Conference on Tropical Studies and Its Application	Geophysical survey for groundwater potential investigation in peat land area, Riau, Indonesia	09-10 November 2017, Samarinda, INDONESIA
5	The 1 st UR International Conference on Educational Sciences	The Development of Learning Media for The Kinetic Theory of Gases with Augmented Reality Technology	25 October 2017, Pekanbaru,

			INDONESIA
6	International Conference on Innovative Research in Engineering Sciences, Technology and Management	The Use of Geoelectrical Resistivity and Geostatistics Methods to Investigate the Groundwater Potential in Peat Land Area, Riau - Indonesia	October 12-13, 2017, Hotel Jen Hong Kong, HONG KONG
7	The 2016 International Conference on Science and Technology	Porosity modeling in 3D seismic data	9-10 November 2016, Arya Duta, Pekanbaru, INDONESIA
8	Seoul International Conference on Engineering and Applied Science,	Delineation of Heavy Metal Zone in Aquifer System Using Geoelectrical Resistivity and Hydrogeochemical Methods	January 08-10, 2015, Seoul, SOUTH KOREA
9	The 7th AUN/SEED-Net Geological Engineering Conference (AGEC) and The 2nd AUN/SEED-Net Natural Disaster Conference (ANDC),	Searching groundwater in the fractured zone	29 - 30, September, 2014, Yangon, MYANMAR
10	International Conference on Geological Engineering (ICGE2013),	Well log analysis and seismic interpretation for prospect mapping of reservoir X	11-12 dec 2013, Yogyakarta, INDONESIA
11	The 8 th IAG International Conference on Geomorphology,	Subsurface geomorphology of the North Kelantan Plain, as revealed by geoelectrical resistivity surveys	27-31 Aug 2013, Paris, FRANCE.
12	The 5th AUN/SEED Net Regional Conference on Geological Engineering,	Fractured Groundwater Investigation	15-16 January 2013, Kuala Lumpur, MALAYSIA
13	5th AUN/SEED-Net Regional Conference on Geo-Disaster Mitigation in ASEAN ,	Geoelectrical Resistivity and Soil Property Analysis Methods for Slope Investigation,	6-7 September 2012, Manila, PHILIPPINES
14	The 4th Geological Engineering Conference,	Deliniation of Potential Aquifer System in the Shallow Basement Area	12-13 March 2012, Vientiane, LAOS.
15	The 4th AUN/SEED-Net Regional Conference on Geo-Disaster Mitigation in ASEAN,	Identification of heavy metal in groundwater	25-26 Oct 2011, Phuket, THAILAND.
16	International Conference on Basic Science,	Groundwater mapping in coastal plain, North Kelantan, Malaysia,	7-18 February 2011, Malang, INDONESIA

17	International Symposium on a Robust and Resilient Society against Natural Hazards & Environmental Disasters and the third AUN/Seed-Net Regional Conference on Geo-Disaster Mitigation	High-resolution imaging of the groundwater mapping with geoelectrical resistivity tomography in coastal plain. North Kelantan – Malaysia,	August 24-26, 2010, Kyoto, JAPAN
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G. Buku dari 2015

No.	Judul	ISBN	HAKI	Waktu dan Publisher
1	Metode Resistivitas Geolistrik untuk Investigasi Kontaminasi Nitrat Airtanah	978-979-792-816-2	000111645	Maret 2018, UR Press
2	Fisika Bumi (Volume 1)	978-979-792-797-4	000111643	Desember 2017, UR Press
3	Proceedings of the 1st UR International Conference on Educational Sciences	978-979-792-774-5	-	Oktober 2017, UR Press
4	Prosiding seminar nasional fisika universitas riau 2016 (snfur-2016) "fisika untuk kejayaan anak negeri"	978-979-792-691-5	-	Oktober 2016, UR Press

H. Konsultan Sejak 2015

No.	Kegiatan	Bulan/Tahun	Judul	Jurnal	Status Jurnal
1	Reviewer	26 Nov 2016	TRACER AN EFFECTIVE TOOL IN DETECTING CANAL SEEPAGE - CASE STUDIES FROM NORTHERN INDIA	Environmental Earth Sciences	Scopus Q2
2	Reviewer	26 Nov 2016	Structural interpretation and hydrocarbon potential of Balkassar oil field, eastern Potwar, Pakistan, using Seismic 2D data and petrophysical analysis.	Journal of the geological society of India	Scopus Q3
3	Reviewer	06 Feb 2017	Structural interpretation and hydrocarbon potential of Balkassar oil field, eastern Potwar, Pakistan, using Seismic 2D data and	Journal of the geological society of india	Scopus Q3

			petrophysical analysis.		
4	Reviewer	18 Jul 2017	1D Basin modelling and reservoir rock horizon mapping of Balkassar oilfield Potwar Basin, Pakistan.	Journal of the geological society of india	Scopus Q3
5	Reviewer	12 Oct 2017	Petrophysical properties evaluation of Balkassar oilfield, Potwar Plateau, Pakistan: implication for reservoir characterization.	Journal of the geological society of india	Scopus Q3
6	Reviewer	19 Jul 2018	Basic geophysical processing and display in MATLAB: Application on NE African Sudanese Red Sea Province	Journal of African Earth Sciences	Scopus Q3
7	Reviewer	10 Jan 2017	Petrophysical properties and hydrocarbon potentiality of Balkassar well 7 in Balkassar oilfield, Potwar Plateau, Pakistan	Bulletin of Geological Society of Malaysia	Scopus Q3
8	Reviewer	30 Jan 2017	Hot water reservoir potential using geoelectrical method inn Apas Kiri, Tawau, Sabah	Bulletin of Geological Society of Malaysia	Scopus Q3

I. Visiting/Guest Lecture sejak 2015

No.	Kegiatan	Judul	Tempat	Waktu
1	Kuliah Umum	Studi Literatur dan Publikasi Ilmiah	Auditorium FMIPA UNP, Padang Indonesia	7 Mei 2018,
2	Kuliah Umum	The role of geophysical method in hydrocarbon exploration	University of Malaya, Malaysia	10 October 2017,
3	Kuliah Umum	Kiat menjadi mahasiswa sukses	UIN Suska Pekanbaru, Indonesia	22 Agust 2017,
4	Kuliah Umum	Geophysical investigation of shallow groundwater potential	University of Malaya, Malaysia	30 Januari 2017,
5	Kuliah Umum	Geoelectrical Resistivity Survey	University of Malaysia Kelantan	30 Mei 2015
6	Kuliah Umum	Advance Geoscience Data Processing	University of Malaya, Malaysia	16 Feb 2015

J. Scientific Event Organizer (Level National dan Internasional)

No.	Kegiatan	Peran	Tempat	Waktu
1	The 5th AUN/SEED Net Regional Conference on Geological Engineering,	Secretary	University Malaya, Malaysia	15-16 January 2013
2	Seminar Nasional Fisika Universitas Riau	Secretary	Ayola Hotel, Pekanbaru	10 October 2016
3	The 1 st UR International Conference on Educational Sciences	Chair of Conference	Aryaduta Hotel Pekanbaru, Indonesia	25 October 2017
4	International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity	Event Director	Universitas Riau	6-8 Agustus 2018
5	The 2 nd UR International Conference on Educational Sciences	Chair of Conference	Grand Suka Hotel Pekanbaru, Indonesia	13 October 2017

Pekanbaru, Agus 2018

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