

# Curriculum Vitae – Ir. Marelianda Al Dianty, Msc., Ph.D

## Personal information

Field(S) Of Specialization Geotechnical Engineering, Soil Characterization, Hydrology, Telecommunication Quality Control  
Nationality Indonesia  
Mail Address(es) Sevilla AC 19, BSD City (Bumi Serpong Damai), Tangerang Selatan, Indonesia  
Mobile +62 81398556661; +61 435840278  
E-mail mareliandaaldianty@gmail.com  
Gender Female

## Current Professional Information

Current Employer Pembangunan Jaya University  
Occupation Lecturer of Civil Engineering  
Current Work Address Jl. Cendrawasih Raya Blok B7/P Bintaro Jaya, Sawah Baru, Ciputat, Tangerang Selatan 15413  
Email [marelianda.aldianty@upj.ac.id](mailto:marelianda.aldianty@upj.ac.id)  
Professional Position CEO and Managing Director of GEOHYDRA (PT. Geohidra Global Konsulting)  
Work Address JL. Ciputat Raya no.16. Lt. 2 – 16H, Pondok Pinang – South Jakarta 12310  
<https://www.geohydra.com>; [geohydra.consultant@gmail.com](mailto:geohydra.consultant@gmail.com)

## Work experience

Dates December 2016 - December 2017  
Occupation or position held **Post-Doctoral Researcher (Italy)**  
Main activities and responsibilities  
1. A collaboration on themes related to soil hydrology and geotechnical engineering with the aim of contributing to better understand and mitigate the hydrogeological risk, with particular reference to shallow landslides events in Indonesia and Italy.  
2. Role on site field and laboratory testing to investigate some aspects that played by the hydrological processes at triggering the soil instability.  
3. Simulation software and modelling and the outcome have contributed to an international peer-reviewed journal.  
Name and address of employer  
4. Investigating slope failure mechanism based on perched water table in Northern Italy  
Prof. Roberto RANZI, PhD. Department of Civil, Environmental, Architectural Engineering and Mathematics (DICATAM), Università degli Studi di Brescia, Via Branze, 43, 25123 BRESCIA (ITALY), tel +39 0303711291. Email: [roberto.ranzi@unibs.it](mailto:roberto.ranzi@unibs.it)

Dates December 2015 - December 2016  
Occupation or position held **Post-Doctoral Researcher (Austria)**  
Main activities and responsibilities  
1. Research on Mexico soil clay that is the research collaboration among a multidisciplinary institution between Universität für Bodenkultur (BOKU), and five other institutes to enhancing the knowledge of hydrologically-driven slope failures which the project called HYDRODRIL (The Integrated Risk Assessment of Hydrologically-Driven Landslides).  
2. Research and practical training on recent advances in modelling landslides and debris flows. It is included with the research on geotechnical hazard, in order to learn about their assessment, avoidance and mitigation.  
3. Simulation software and modelling and the outcome have contributed to an international peer-reviewed journal.  
Name and address of employer  
Univ. Prof. Dr.Ing. Wei Wu. Institute of Geotechnical Engineering (IGT), University of Natural Resources and Life Sciences (BOKU), Feistmantelstraße 4, 1180, Vienna, Austria, +43 1 47654-87311, Email: [wei.wu@boku.ac.at](mailto:wei.wu@boku.ac.at)

Dates March – May 2007  
Occupation or position held **Internship Staff**  
Main activities and responsibilities 1. Gained experience for making purchasing document, such as; Purchase Requisition (PR), Release Order (RO), Purchase Order (PO) and Framework Order (FO).  
2. Use SAP R/3 MMM and training provided to get skills in procurement.  
3. Analyze user satisfaction using SAP with Quality Function Deployment (QFD) approach.  
4. Learning how to management of awarded contracts and management of vendor relationship.  
Name and address of employer Encik Abdul Shukor Abd Hamid. PETRONAS DAGANGAN BERHAD, Level 31, Tower 1, PETRONAS TWIN TOWERS, KUALA LUMPUR CITY CENTER, 50088, KUALA LUMPUR, MALAYSIA, Phone: 603-23314497.

Dates February – June 2006  
Occupation or position held **Project Manager**  
Main activities and responsibilities 1. Manage all project System Integration solution for customer.  
2. Introduce and provide customer with technical information technology base.  
3. Lead project development, network development, DB Development and team Graphic Support to successful our project.  
4. Promote objective insights into specific aspects of management consulting and investment of IT services.  
5. Doing negotiation with our customer who needs networking business such as broadband internet solution, Wireless Internet Solution, Internet Telephony, Intelligent Building System and Fiber Optic Solution  
Name and address of employer Mr. David Baek. PT.IDB, Adhi Graha Building 16th suite 1601, Jl.Gatot Subroto Kav. 56 Jakarta Selatan 12950 - Indonesia

## Education

Dates 2008 – 2015  
Title of qualification awarded **Doctor of Philosophy (Ph.D)**  
Name of providing education Universiti Sains Malaysia, Engineering Campus, 14300 Nibong Tebal, Penang - Malaysia

Dates 2006 – 2007  
Title of qualification awarded **Master Science and Technology (MSc.)**  
Name of providing education Universiti Kebangsaan Malaysia, Bangi 43000, Selangor, Malaysia

Dates 2000 – 2005  
Title of qualification awarded **Bachelor of Civil Engineering (ST)**  
Name of providing education Universitas Tarumanegara, Jakarta, Indonesia

## Teaching experience

Dates **Current Position**  
Occupation or position held **Lecturer**  
Main activities and responsibilities Teaching Geotechnical Subjects and Laboratory  
Address of employer University Pembangunan Jaya. Jl. Cendrawasih Raya Blok B7/P Bintaro Jaya, Sawah Baru, Ciputat, Tangerang Selatan 15413, Indonesia

Dates January 2011 - January 2012  
Occupation or position held **Lecturer**  
Main activities and responsibilities Teaching Statistical Engineering and Geostatistical (for local and International Program)  
Address of employer University Tanri Abeng. Jl. Swadarma Raya, No.58, Ulu Jami, Pesanggrahan, Jakarta Selatan, Indonesia

Dates August 2010 - January 2011  
Occupation or position held **Lecturer**  
Main activities and responsibilities Teaching Statistics and Research methodology  
Address of employer Universitas Bunda Mulia, Jl.Lodan Raya no.1, Ancol Jakarta Utara, Indonesia. Telp: 62-21-6909090, [www.ubm.ac.id](http://www.ubm.ac.id)

Dates December 2007 - December 2008  
Occupation or position held **Lecturer**  
Main activities and responsibilities Teaching Statistics and research methodology  
Address of employer Sekolah Tinggi Ilmu Administrasi (STIAKIN), Kampus A: Jl.Raya Kalimalang No.3 Pondok Kelapa, Jakarta Timur-Indonesia

Dates January - June 2003  
Occupation or position held **English Teacher**  
Main activities and responsibilities Teaching english for Junior and senior high school student  
Address of employer Maestro Course affiliation Tangerang, Jl. Alumunium Raya No.3 Perumnas Karawaci Tangerang, Indonesia

## List Publications

### Journal

**M. Al Dianty**, F.J. Putuhena, R. Arbaningrum. The linkage of effect climate change for determining design Flood (**Geographia Technica**) (**Scopus Q3, Special Issue, 2020, Vol. 15, pp 3 to 12, DOI 10.21163/GT\_2020.151.17**)

PA.Maedeh, W.Wu, A. Ghanbari, J.Lin, **M. AL Dianty**. KG. Idrmoosa, AS. Ghadimi (2018) New study on interactional effects of grouting pressure on the displacement of nailing bond. **Journal of Measurement, 6(1): 10 -24**

PA. Maedeh, T. Nasrabadi, W. Wu, **M. Al Dianty**. (2017). Evaluation of oil pollution dispersion in an unsaturated sandy soil environment. **Pollution, 3(4): 701 – 711. Doi:10.22059/POLL.2017.62784**

MA. Al Fajr, **M. Al Dianty** (2020). Pengaruh Motivasi Ekstrinstik dan Insintrik Terhadap Kinerja Pekerja Proyek Konstruksi, Widyaka Journal (**Volume 7, Issues 1, March 2020**)

**M. Al Dianty**, AS. Yahaya, A. Fauziah. (2014). Probability Distribution of Engineering Properties of Soil at Telecommunication Sites in Indonesia, **International Journal of Scientific Research in Knowledge. 143-150. Doi: 10.12983/ijsrk-2014-p0143-0150**

**Conference.** M Al Dianty, AS. Yahaya, F. Ahmad, S. Barontini, R. Ranzi. The development of site investigation on telecommunication for suitability zoning at East Java, **Indonesia. 37th Conference Asean Federation of Engineering Organisation (CAFEO-37)** September 11-13, 2019 at Jakarta International Expo, Indonesia

M. Al Dianty, AS. Yahaya, F. Ahmad, S. Barontini, R. Ranzi. The development of site investigation on telecommunication for suitability zoning. **GeoOttawa 2017**, Ottawa–Canada, October 1– 4, 2017

M. Al Dianty, AS. Yahaya, A. Fauziah. Soil Characterization of Index Properties Telecommunication Network Site in East Java Indonesia. International Conference on Engineering of Tarumanegara Jakarta- Indonesia 2-3 October 2013. **ISBN:978-979-99723-9-2**

M. Al Dianty, AS. Yahaya, A. Fauziah Soil Characterization of Selected Soil Parameters for a Telecommunication Site in Indonesia 3th - 4th April 2013, 1st International Conference on Geotechnical and Transportation (ICGTE 2013), University of Technology, Baghdad, Iraq

### Research Grant. As Head of Research Grant

1. Sistem Drainase Berkelanjutan untuk Evaluasi Pembangunan Perkotaan, Penelitian Unggulan Perguruan Tinggi, Hibah Internal UPJ, 2020

### Honor and Awards

1. Erasmus mundus awarded 2016 (LEADER Project) by Erasmus mundus association, European Commissions

2. Erasmus mundus awarded 2015 (ALPHABET Project) by Erasmus mundus association, European Commissions

3. Founder of Tarumanegara Civil Engineering Magazine "PONDASI"

4. Silver Medal, Indonesia Martial Art (PENCAK Silat) - Junior High School Level

## Training

Dates	24 <sup>th</sup> August – 12 <sup>th</sup> December 2020
Title of qualification awarded	DIES University Leadership and Management Training Course (UNILEAD South East Asia)
Name training providing	DAAD and HRK (German Rector's Conference)
Dates	8 <sup>th</sup> February 2018
Title of qualification awarded	Indonesia Engineer Accreditation
Name training providing	The institution of Engineers Indonesia (PII)
Dates	20 May – 10 June 2017
Title of qualification awarded	2 <sup>nd</sup> International Summer School
Name training providing	Erasmus + Programme of the European Union, Ljubjana – Slovenia, Europe
Dates	27 <sup>th</sup> May 2017
Title of qualification awarded	Training Mitigation Disaster Management
Name training providing	World Landslide Forum (WLF), Ljubljana, Slovenia, Europe
Dates	30 <sup>th</sup> May 2016
Title of qualification awarded	Centrifuge Prototype Training
Name training providing	Centrifuge Modelling Project, Institute Geotechnical Engineering, BOKU, Vienna, Austria
Dates	25 <sup>th</sup> April 2016
Title of qualification awarded	Research Training
Name training providing	Training on "Applied Earthquake Engineering" Guttenberghous, BOKU, Vienna, Austria
Dates	24 <sup>th</sup> - 25 <sup>th</sup> January 2009
Title of qualification awarded	ESQ Mission & Character Building (Green Belt Awarded)
Name training providing	The ESQ Way 165, Emotional Spiritual Quotation (ESQ) Leadership Center, <a href="http://www.esqway165.com">www.esqway165.com</a>
Dates	1 - 5 June 2009
Title of qualification awarded	Project Quality Management Training
Name training providing	Huawei.Co.Ltd, Asia Pasific, <a href="http://www.huawei.com">www.huawei.com</a> , <a href="http://support.huawei.com/engineering">http://support.huawei.com/engineering</a> server/engineering quality, Asia Pacific Region Country, (Indonesia, Malaysia, Singapore, Thailand, Vietnam)

## Professional or Community membership

1. Co – Convener of **HS8.3.3** (Spatio-temporal constitutive laws and equations along the soil – water continuum) European Geoscience Union 2018
2. Member of European Geosciences Union (EGU), **EGU Regular Member in 2017, No. 398398**
3. Member of the Institution of Engineers Indonesia with number **030090285385** (member of International Engineering Alliance, Federation of Engineering of Asia and the pasific (FEIAP), ASEAN Federation of Engineering Organizations (AFEO),
4. Member of Indonesian Society for Geotechnical Engineering (ISGE) or Himpunan Ahli Teknik Tanah Indonesia (HATTI) with number **08.15.12.TR** (member of International Society Soil Mechanics and Geotechnical Engineering (ISSMGE).
5. Member Ikatan Ilmuwan Indonesia Internasional (I4) with number **1701170001**

## Social skills and competences

1. South East Asia Ambassador (presenter) on International Tea of South East Asia on June 9<sup>th</sup>, 2016 at the Faculty Club on the roof floor of Schwackhöfer Building. A general overview about Indonesia and education possibilities and research in Indonesia
2. Given speech on "Indonesian Candidate Doctoral Forum" (BRKD) on 16<sup>th</sup> February 2016 at Indonesian Embassy of Austria at Gustav Tschermakgasse 5-7, Wien, Austria.
3. Delegation Indonesia for international meeting on high level event on 25<sup>th</sup> sessions of the Commission on Crime Prevention and Criminal Justice on Fisheries between The Government of Republic of Indonesia, The Government of Norway and The United Nations Office on Drugs and Crime on 23<sup>th</sup> May 2015 at United Nations (UN), Vienna International Centre (VIC).

