CURRICULUM VITAE

Geol (Prof) AMKB Abeysinghe

BSc First Class Hons (Peradeniya), MSc (AIT), PhD (Saga)

Professor in Geology at the Dept. of Earth Resources Engineering, University of Moratuwa

Chartered Geologist (C.Geol.)

1. PERSONAL DATA

FULL NAME:	Abeysinghe Mudiyanselage Kulathilake Bandara Abeysinghe
NATIONALITY:	Sri Lankan
AGE:	56
BIRTH DATE:	1965-11-13
SEX:	Male
Marital Status	Married with two children
NIC and Passport No	6531180381V, N7091352
ADDRESS (OFFICIAL):	Department of Earth Resource Engineering, University of Moratuwa, Moratuwa, Sri Lanka**.**
ADDRESS (HOME):	96/11, Walauwatta, Atigala Mawatha, Kolamunne, Piliyandala, Sri Lanka
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2. EDUCATION

2001-2004	**PhD in Engineering Geology** -- Landslide Hazard Identification and Quantitative Risk Assessment at Department of Civil Engineering, Graduate School of Science and Engineering, Saga University, Japan.
1994-1996	**MSc in Engineering and Applied Geology**-- Shotcrete Tunnelling in Shallow Weathered Rock, Geotechnical Engineering (GTE)/ School of Civil Engineering (SCE), Asian Institute of Technology (AIT), G.P.O.Box 2754, Bangkok 10501, Thailand.
1989-1993	**BSc (Hons)** Degree with a First Class in Geology at Peradeniya University, Sri Lanka.
1976-1983	**Secondary Education**, St. Thomas College, Matale (6-10) Government Science College, Matale (11-12)
1971-1975	**Primary Education**, Vijaya College, Matale (1-5)

3. EMPLOYMENT RECORD

2021 to date	**Professor in Geology** at the Department of Earth Resources Engineering, Faculty of Engineering, University of Moratuwa, Sri Lanka
2004 - 2021	**Senior Lecturer in Geology** Department of Earth Resources Engineering, Faculty of Engineering, University of Moratuwa, Sri Lanka
1997 - 2004	**Scientist/ Engineering Geologist,** Landslide Studies & Services Division, National Building Research Organisation, 99/1, Jawatta Road, Colombo 05, Sri Lanka.
1996-1996	**Lecturer in Geology** (Temporary), Department of Geology, University of Peradeniya, Peradeniya, Sri Lanka (July-Dec 6 months)
1993 - 1994	**Assistant Lecturer in Geology** (Temporary) Department of Geology, University of Peradeniya, Peradeniya, Sri Lanka.

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4. PRESTIGIOUS AND PROFESSIONAL POSITIONS

2013-2016	**Head,** Department of Earth Resources Engineering, Faculty of Engineering, University of Moratuwa, Sri Lanka**.** (3 years)
2019-2021	**Coordinator of the AHEAD/DOR Project** – Potential of Rare Earth Elements (REE) in Sri Lankan onshore and offshore terrains and development of extraction techniques under the Accelerating Higher Education Expansion and development (AHEAD). (2 years)
2007-2008	**Project Coordinator -** Department of Earth Resources Engineering, University of Moratwua of the Improvement of Relevance and Quality of Undergraduate Education in Sri Lanka (IRQUE Project) World Bank Funded National Project. (1 year)
2013-2016	**Coordinator** of the M.Sc/ PG.Dip in Mining and Mineral Exploration, Department of Earth Resources Engineering (3 years)
2016-2017	**Senior Treasurer -** Earth Resources Engineering Society of University of Moratuwa. (1 year)
2017-2019	**Treasurer** of the Institute of Geology Sri Lanka (IGSL) (3 years)
2018 to date	**Course Coordinator** of the Parttime Certificate Course in Geology conducted by Department of Earth Resources Engineering, University of Moratuwa.
2006-2011	**Visiting Lecturer** to Faculty of Applied Sciences, Sabaragamuwa University of Sri Lanka, Belihuloya.

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5. AWARDS

2020	**Research Awards 2020 – University of Moratuwa** -Appreciation of outstanding research performance: Award for publications in 2020 Category I – Outstanding Award with Distinction
2012	**Best Paper Award ACEPS 2012**- Instrumentation and Monitoring of Mahawewa Landslide off Walapane in Central Hills of Sri Lanka, International Symposium on advances Civil and environmental Engineering practices for sustainable Development, 19th March 2012, University of Ruhuna, Galle, Sri Lanka.
2003	**2003 Student Award of Excellence** - The prize for "2003 Student's Award of excellence" in research on geotechnical engineering was awarded from the Kyushu Branch of Japanese Geotechnical Society (JGS), Japan.
2000	**MONBUSHO Research Scholarship – 2000** Japanese Government was granted a scholarship through Embassy of Japan in Sri Lanka for the postgraduate studies (PhD) in Department of Civil Engineering, Saga University, Japan, 2000/2004.
1994	**King's Scholarship** - His Majesty King Bhumipol Adulyadej was granted a scholarship for the postgraduate studies (M.Sc.) in Asian Institute of Technology, Bangkok, Thailand, 1994/1996.
1993	**University Scholarship** - Meritorious performance at the Special science Degree Examination held in 1992/1993. Awarded at the General Convocation University of Peradeniya on 22nd December 1993.
1990	**University Scholarship** - Meritorious Performance at General Science Qualifying Examination 86/87 held in March 1990.

6. RESEARCH ACTIVITIES/GRANTS

NATIONAL

2021 to date	**Small Grant Research Programme -2021** Land Resources Division, Ministry of Environment: Assessing the Potential of Sri Lankan Mica and Micaceous rocks as Alternative Source of Potassium Fertilizer. Principal Investigator
2021 to date	**SRC Grant 2021-** University of Moratuwa: Indicative Assessment of Ni Phyto mining viability at Ginigalpalassa serpentinite soils. (SRC/LT/2021/15) Principal Investigator.
2019 to date	**AHEAD/DOR Grant 2019** - Accelerating Higher Education and Development (AHEAD) Operation of the Ministry of Higher Education of Sri Lanka funded by the World Bank (AHEAD/DOR/6026-LK/8743-LK) Potential of Rare Earth Elements (REE) in Sri Lankan onshore and offshore terrines and development of extraction techniques. 2019-2022 Co investigator and Project Coordinator 2019/20 and 2020/21.

2005	**SRC Grant 2005** – University of Moratuwa: Development of Padiyathalawa hot water springs as geothermal for power generation - Completed (Principal Investigator).

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7. Postgraduate Students

R. M. Pubudi Dilshara	MPhil, Indicative Assessment of Ni Phytomining Viability at Ginigalpelessa Serpentine soils, Main Supervisor (on going)
KWD Sanjeewa (218007E)	PhD, Evaluation of Geological and Geotechnical Properties of Residual Soils and Rocks in the Highland Complex of Sri Lanka, Department of Civil Engineering, University of Moratuwa (Co Supervisor (on going)
BDMN Batapola (198087R)	MPhil, Potential of Rare Earth Elements (REE) in Sri Lankan Onshore and Offshore Terrains and Development, Main Supervisor (On going)
MNP Dushantha (198086M)	PhD, Development of extraction techniques for Rare Earth Elements (REE) in Sri Lankan Onshore and Offshore Terrains, Co Supervisor (on going)
HMR Premasiri	MPhil Development of Conceptual Geological Model for the Formation of Hot Water Springs in Sri Lanka, Department of Earth Resources Engineering, University of Moratuwa, Completed, January 2006 (Co Supervisor)
IWTP Dayarathna	M.Sc in Mining and Mineral Exploration Department of Earth Resources Engineering, University of Moratuwa, Relationship between Los Angles Abrasion Value and Mineralogy of Rocks, Completed, June 2017 (Main Supervisor)
HMCD Herath	M.Eng. in Foundation Engineering and Earth Retaining Systems, Department of Civil Engineering, University of Moratuwa, Study on the causal Factors for Rapid Rock Weathering and Stability of the Samanalawewa Dam, Completed, September 2013 (Co Supervisor)

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8. CONSULTANCY Work (EIA and IEE)

2020	**Consultant Geologist –** Environmental Impact Assessment (EIA) for the Rehabilitation and Augmentation of Embilipitiya Paper Mill.
2020	**Consultant Geologist -** Environmental Impact Assessment (EIA) to an industrial zone dedicated for textile processing at Punnaikudah, Eravur, Batticaloa.
2018	**Consultant Geologist -** Environmental Impact Assessment (EIA) Proposed Mahaweli Left Bank Lower Basin Development Project in Trincomalee District (Kinniya and Kanthale Area).

2021	**Consultant Geologist -** Environmental Impact Assessment (EIA)for the Development of Proposed Agricultural Mega Zone at Uhana DS Division at Ampara District
2017	**Consultant Geologist -** Environmental Impact Assessment (EIA) for the Proposed Nilasevana Housing Project, Kundasale.
2017	**Consultant Geologist -** Environmental Impact Assessment (EIA) for the Construction of Mederigiriya – Kanthale road along existing cart track through wildlife area (around 5km up to Pemaduwa) under the Moragakanda Kaluganga Development Project.
2016	**Consultant Geologist —** Environmental Impact Assessment (EIA) for the Proposed Hemathagama Water Supply Project.
2016	**Consultant Geologist -** Environmental Profile for Luxury Boutique Hotel – Maskeliya.
2016	**Consultant Geologist -** Initial Environmental Impact Assessment (IEE) study of the Rectification of Landslide along Peradeniya- Badulla-Chenkaladi road (A5) at Haggala between 75km-77km.

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9. PARTICIPATION AT INTERNATIONAL/ National MEETINGS / WORHSHOPS

Resource person in Seminar on current geo-hazards and remedial measures, under the direction of Ministry of Environment and organized by Geological Survey and Mines Bureau (GSMB), 8th December 2006, Colombo.

Resource person in Workshop on Practical Application of Geology, Organized by Geological Society of Sri Lanka (GSSL) in collaboration with Department of Geology, University of Peradeniya and National Building Research Organization (NBRO), At Department of Geology, University of Peradeniya 10th – 11th September 1999.

Resource person in Workshop on landslide hazard mapping, organized by Sri Lanka Urban Multi-hazard Disaster Mitigation Project (SLUMDMP) in joint collaboration with CHPB, NBRO and UDA, at Kegalle on 17.06.1999

Resource person in Workshop on the role of R&D Institutions in natural disaster management, organized by NBRO, NDMC, CHPB and NSF, Colombo 10th – 11th September 1998.

Short Course on Remote Sensing with specialization in Digital Image Processing, 7th January – 29th February 2008, Photogrammetry and Remote Sensing Division, Indian Institute of Remote Sensing (IIRS), Dehradun, India.

Specialized training on Remote sensing and Geophysical Methods in Groundwater Exploration 29th March – 13th April 2009 at Keele University, Staffordshire, UK.

Distance Early Warning System (DEWS) Training Course for End-users, 1st to 6th July 2009, GFZ, Potsdam, Germany

Intensive Japanese Language Course (Elementary) from International Student Centre, Nagasaki University, Japan from April 10, 2000 to September 1, 2000.

Workshop on Introduction to Petroleum Geology, Geophysics and Drilling 22-25 March 2010 conducted by Dr Nigel Banks, UK and organized by Petroleum Resources Development Secretariat and Carin Lanka (Pvt) Ltd.

On Site Inspection, Regional introduction course -22, organized by Comprehensive Nuclear Test-Ban Treaty Organization (CTBTO), Dambulla, Sri Lanka, 29th November – 5th December 2015.

Petral Fundamentals, Training course conducted by Schlumberger, Colombo Sri Lanka 10th February 2015.

Techlog Fundamentals and Conventional Log Analysis, Training course conducted by Schlumberger, Colombo Sri Lanka 13th February 2015.

The Geode Seismograph, Seislmager and RadExPro Refraction and Reflection Processing Software, Training course conducted by GEOMETRICS 1st- 3rd March 2017.

Workshop on student counseling by the staff development Center of University of Moratuwa, 16th November 2006

Training programme on Introduction to ArcGIS Desktop II & III, conducted by ESRI Certified Instructor and organized by Emso Ltd, April 2010.

Workshop on Ecological and Geological Aspects of Wetlands, conducted by Dr. Walter Glooschenko organized by Institute of Fundamental Studies, Sri Lanka and International Development Research Centre, Canada, 26-28 November 1993.

4th Communities and Small-scale Mining (CASM) Annual General Meeting and Learning Event, 11-14th October 2004

Course entitled Basin Analysis and Prospect Generation, for University Grant Commission in Sri Lanka, Conducted by Robertson Training Centre in conjunction with Cairn Lanka, 3rd – 7th March 2014.

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10. TEACHING EXPERIENCE IN GEOLOGY, HYDROGEOLOGY, ENGINEERING GEOLOGY AND RELATED AREAS

Undergraduate level at the Department of Earth Resources Engineering, University of Moratuwa

2004 to date	ER 4033 Engineering Geology (100%)
	ER 4243 Natural Disaster Mitigation (20% Module Coordinator)
	ER 4223 Hydrogeology and Groundwater Modeling (66%)
	ER 3053 Structural and Field Geology (50%)
	ER 3912 Geology Field Camp (50% Coordinator)
	ER 3933 Mineral Exploration Field Camp (50%)

ER 2073 Optical Mineralogy and Petrology (50%)

ER 1013 Geology (50%)

Undergraduate level at the Department of Civil Engineering, University of Moratuwa

2017-2019	(15) and (16) Batch only	CE 2042 Soil Mechanics and Geology
2017-2019	(15) and (16) Batch only	CE 2132 Soil Mechanics and Geology

Undergraduate level at the Department of Natural Resource, Sabaragamuwa University

2005-2011 NRM 41211 Mineral Exploration (Academic year 2005/2006, 2006/2007, 2008/2009 and 2009/2010)

MSc level at Department of Earth Resources Engineering, University of Moratuwa

M.Sc./ PG. Dip. in Mining and Mineral Exploration

2014 ER 5335 Groundwater exploration and water wells

2014 ER 5390 Mine visits and mineral exploration field camp

2014 ER 6399 M.Sc. Research dissertation

MSc level at Department of Civil Engineering, University of Moratuwa

M.Sc./ PG. Dip. in Geotechnical Engineering

2006 to date CE 5402 Engineering Geology (2006, 2009,2011,2013,2016 and 2019)

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11. EDITOR SCIENTIFIC JOURNALS/CONFERENCE PROCEEDINGS/NEWSLETTERS

2018 **Editor-in-Chief** Proceedings of the International Symposium on Earth Resources Management and Environment (ISERME 2018), 24th August 2018, Grand Monarch, Thalawathgoda, Sri Lanka ISSN 2630-7677

2017 **Editor-in-Chief** Proceedings of the International Symposium on Earth Resources Management and Environment (ISERME 2017), 29th August 2017, The Blue Water, Wadduwa, Sri Lanka ISBN 978-955-9027-65-

2011 **Co-Editor** Proceedings of the 6th National Conference on '' Minerals and Innovative Thinking" 25th November 2011, University of Moratuwa ISSN 1800-346X

2010 **Member of the Editorial Board** Proceedings of ERE 2010 of the 5th Annual Conference on Earth Resource for national Development, 24th September 2010, University of Moratuwa ISSN 1800-346X

2009 **Member of the Editorial Board** Proceedings of ERE 2009 of the 4th Annual Conference on Mining for Sustainable Development, 29th May 2009, University of Moratuwa ISSN 1800-346X

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12. PUBLICATIONS

REFEREED JOURNALS

1. Nimila Dushyantha, Sarath Weerawarnakula, Ranjith Premasiri, **Bandara Abeysinghe**, Nalin Rathnayake, Nadeera Batapola and Meththa Ranasinghe (2021) Potential ecological risk assessment of heavy metals (Cr, Ni and Co) in serpentine soil at Ginigalpelessa in Sri Lanka, Arabian Journal of Geoscience, Arab J Geosci 2021(14:1255).

2. N.P. Dushyanthaa, N.P. Ratnayake, H.M.R. Premasiri, I.M.S.K. Ilankoon, P.V.A. Hemalal, C.L. Jayawardena, Rohana Chandrajith, L.P.S. Rohitha, **A.M.K.B. Abeysinghe**, D.M.D.O. K. Dissanayake, P.G.R. Dharmaratne, A.S. Ratnayake, N.M. Batapola (2021) Leaching of Rare Earth Elements (REEs) from lake sediments around Eppawala phosphate deposit, Sri Lanka: A secondary source for REEs, Hydrometallurgy, 205(2021)105751.

3. Batapola, N.M. Dushyantha, N.P. Premasiri, H.M.R. **Abeysinghe, A.M.K.B.** Rohitha, L.P.S. Ratnayake, N.P. Dissanayake, D.M.D.O.K. Ilankoon, I.M.S.K. Dharmaratne, P.G.R. (2020). A comparison of global rare earth element (REE) resources and their mineralogy with REE prospects in Sri Lanka. Journal of Asian Earth Sciences. Vol.200.

4. Dushyantha, N., Batapola, N., Ilankoon, I. M. S. K., Rohitha, S., Premasiri, R., **Abeysinghe, B.** Ratnayake, N. Dissanayake, K. (2020). The story of rare earth elements (REEs): occurrences, global distribution, genesis, geology, mineralogy and global production. Ore Geology Reviews, 103521.

5. **Abeysinghe, B**., Iwao, Y. and Bandara, S. (2004): Development of risk assessment methodology for landslides in Sri Lanka. Journal of the Japan landslide Society (JLS), Vol.41, No.2, pp.131-142.

6. Premasiri, HMR., Rathnayake, NP and **Abeysinghe AMKB.** (2005): Geo-environmental Assessment along Southern and Western Coastal Belt of Sri Lanka after the Indian Ocean Mega Tsunami, Journal of Earth Resources Engineering I (2005), pp. 11-15.

7. **Abeysinghe, A.M.K.B**., Iwao, Y., Saito, A. and Bandara, R.M.S. (2005): Hazard and risk assessment in landslide prone hill country of Sri Lanka. Journal of Sri Lankan Geotechnical Society (SLGS) Vol.3 No.1 pp.2-16.

8. **Abeysinghe, B**., Iwao, Y. and Saito, A. (2003): Discrimination of former landslide areas in topographical maps – A statistical approach. Journal of the Geological Society of Sri Lanka (GSSL), Vol.11, pp.95-105.

Full papers (International conference proceedings)

1. Jayasuriya, J.A.A.T.S. Jayathilake, R.G.M.A. Jeykumar, J. Batapola, N.M Dushyantha, N.P. ***Abeysinghe A.M.K.B** and Premasiri, H.M.R. (2020). Assessment of Rare Earth Element Potential in Intrusive Rocks special reference to Massenna Zircon Granite. International Symposium on Earth Resources Management & Environment (ISERME 2020), 22nd December 2020, Colombo, Sri Lanka, pp. 60-67.

2. Dilshan, M.W.R.R Prabhashan, H.P.M. Kalaishanthan K. Dushyantha, N.P. Batapola, N.M. Premasiri, H.M.R. **and Abeysinghe A.M.K.B** (2020). Rare Earth Exploration in River Sediments (Belihul Oya and Samanala Wewa Areas, Sri Lanka. International Symposium on Earth Resources Management & Environment (ISERME 2020), 22nd December 2020, Colombo, Sri Lanka, pp. 36-41.

3. Jayasinghe, H.G.H. Samarakoon, S.M.N.M. Mohomad, H.H Rathnayake, N.P **Abeysinghe, A.M.K.B** and Dushyantha N.P (2020). Mineralogical Exploration for Rare Earth Element Potential in Kalutara Coastal Areas. International Symposium on Earth Resources Management & Environment (ISERME 2020), 22nd December 2020, Colombo, Sri Lanka, pp. 42-50.

4. C.T. Mampitiyaarachchi, M.Z.M. Rifad R.M.I.G.N.K, Hanathunqa, U.M.C. Thathkalana, H.M.L. lndrathilake and **A.M.K.B. Abeysinghe** (2016) Additional Mitigation Option for Gerandi-Ella Reactivated Landslide at 41st km Post of the Gampola - Nuwara Eliya Highway 4th International Symposium on Advances in Civil and Environmental Engineering Practices for Sustainable Development (ACEPS - 2016), 3rd March 2016, Galle, Sri Lanka, pp. 37-44

5. Senadheera PK, Attanayake AMGB, Dharmasena ASL, Sudusingha SKMN, Jayawardena CL and **Abeysinghe AMKB** (2019) Identification of Ground Subsidence Due to Collapse of Solution Cavities in Marble Rock International Symposium on Earth Resources Management and Environment (ISERME 2019), 23rd August 2019, Colombo, Sri Lanka, pp. 131-137.

6. Premasiri HMR, Colombage HCDP, Palamakubura D, Kodippli, TKA, Wickramasekara KT, **Abeysinghe* AMKB** and Chaminda SP (2012) Application of Remote Sensing and GIS techniques for Exploring Construction Material from inaccessible terrains; case studyin eastern Province of Sri Lanka., Proceedings of the International Symposium on advances Civil and environmental Engineering practices for sustainable Development, 19th March 2012, University of Ruhuna, Galle, Sri Lanka, pp 40-47.

7. Kankanamge, B.U. Chaturanga, S.M.S. Ruwanika, L.L.D. Palmure, P.K. **Abeysinghe A.M.K.B.** Samaradivakara, G.V.I and Jayawardena, C.L. (2019) Appraisal of Electrode Configuration Characteristics in resistivity Surveying. International Symposium on Earth Resources Management and Environment (ISERME 2019), 23rd August 2019, Colombo, Sri Lanka, pp. 69-74.

8. De Silva MSTL, Chiyamvarnan K, Niroshini R, **Abeysinghe AMKB** and Jayawardena CL (2018) Application of GPR to Identify Carbonate Rock Cavities Related to Ground Subsidence in Matale, Sri Lanka. International Symposium on Earth Resources Management and Environment (ISERME 2018), 24th August 2018, Thalawathugoda, Sri Lanka, pp. 173-178.

9. Idirimanna IAND, Perera KAC, Bandara KMT, Kumara WGBT, Indrathilake HML, Premasiri HMR and **Abeysinghe* AMKB** (2012) Instrumentation and Monitoring of Mahawewa Landslide off Walapane in Central Hills of Sri Lanka., Proceedings of the International Symposium on advances Civil and environmental Engineering practices for sustainable Development, 19th March 2012, University of Ruhuna, Galle, Sri Lanka, pp 63-70**. (Best Paper Award)**

10. Narangoda, SRAIB, Isuranga, SNAMTK, Jeneeshaa, A, **Abeysinghe AMKB**, Premasiri HMR and Samaradivakara GVI (2018) Identification of Soils /rock interface using GPR technique for soil nail wall design, International Symposium on Earth Resources Management and Environment (ISERME 2018), 24th August 2018, Thalawathgoda, Sri Lanka, pp.153-158.

11. Dasanayake, R.B. Jatheesan, N. Nissanka, N.A.C.M. Samaradivakara, G.V.I. **Abeysinghe AMKB**, Rohitha, L.P.S (2018) Applicability of Pre-heating Techniques for Recovery of Minerals from Rocks, International Symposium on Earth Resources Management and Environment (ISERME 2018), 24th August 2018, Thalawathgoda, Sri Lanka, pp.51-60.

12. Rohanson Kulas R. Rahulan, Y. Thavaganesh, S. Chaminda, S.P, **Abeysinghe AMKB** and Jayawardena CL (2018) Evaluation of Seasonal Groundwater Quantity and quality Variation in Malwathu Oya Basin, International Symposium on Earth Resources Management and Environment (ISERME 2018), 24th August 2018, Thalawathugoda, Sri Lanka, pp. 87-95.

13. Dayaratna IWTP, Puswewala, UGA, **Abeysinghe AMKB** and Rohitha, LPS, (2017) Relationship between Los Angeles Abrasion Value and Mineral Content of Metamorphic Rocks, Proceedings of ISERME 2017, 29th August 2017, Wadduwa, Sri Lanka 93-100pp

14. Lasan HLI, Weerasekara MN, Prashanth S, ***Abeysinghe AMKB**, Premasiri HMR and Samaradivakara GVI, (2017) Applicability of Ground Penetration Radar (GPR) Technique to Optimize Soil Nail Wall Designs, Proceedings of ISERME 2017, 29th August 2017, Wadduwa, Sri Lanka 121-126 pp.

15. Minakshi, K., Lakmal, AH., **Abeysinghe, AMKB** and Dadhwal VKD (2008) Expert Classification Based Land-use/ Land-cover Change Detection: A Case Study of Dehradun, India, Proceedings of the 29th Asian Conference on Remote Sensing (ACRS

2008) 10-14 November 2008, Colombo, Sri Lanka, (Full Paper in CD Volume).

16. Liyanage WLDNK, Ranasinghe GHPGKM, Yapa SKSP, Weerawarnakula S, Premasiri HMR and **Abeysinghe AMKB**, Geochemical Aspects of Calcite and Dolomite Deposits Around Rajawaka off Balangoda, Sri Lanka, and Suitability for Industry, Proceedings of ISERME 2017, 29th August 2017, Wadduwa, Sri Lanka 113-120 pp.

17. Madushanka, J.M.L. Madhuwan, A.R.B. Menan, PChaminda, S.P. **Abeysinghe AMKB**, and Jayawardena, C.L (2017) Assessment of Seasional Impacts on Groundwater Quantity and Quality in Upstream of Malwathu Oya Basin, Proceedings of ISERME 2017, 29th August 2017, Wadduwa, Sri Lanka 51-58 pp.

18. Jayakody, JDSU, Weliwita, BY, Nishanthan, S, Samaradivakara, GVI, **Abeysinghe, AMKB,** Rohitha, LPS and Vijitha, AVP (2017) Applicability of Pre-heating Techniques for Rcovery of Garnat from Garnet Biotite Gneiss, Proceedings of ISERME 2017, 29th August 2017, Wadduwa, Sri Lanka 51-58 pp.

19. Dissanayake SW, Pathirana GPNA, Sandaruwan MKS, ***Abeysinghe AMKB**, Premasiri HMR and Weerawarnakula S,(2017) Ground Penetration Radar Observations at Kahagolla Landslide and Evaluation of Potential Failure Mechanism, Proceedings of ISERME 2017, 29th August 2017 Wadduwa, Sri Lanka 225-230 pp.

20. **Abeysinghe, B**. and Iwao, Y. (2002): Shotcreate tunnelling in shallow weathered rock at Thai oil refinery plant, Chonburi, Thailand. Proc. 4th International Summer Symposium, Japanese Society of Civil Engineers (JSCE), Kyoto, Japan, 3rd August, pp. 243-246.

21. Iwao, Y. and **Abeysinghe, B**. (2002): Effect of geology on landslides in Sri Lanka. Proc. 4th International Summer Symposium, Japanese Society of Civil Engineers (JSCE), Kyoto, Japan, 3rd August, pp. 247-250.

22. Mayami, T., Yamasaki , T., Kato, K and **Abeysinghe, B**. (2002): Measurements of the strength parameter on undisturbed slip surface by new slip surface direct shear box apparatus, Proc. 1st European Conference on Landslides, Prague, Czech Republic, 24-26 June, pp. 641-647.

23. Iwao, Y., Gunatilake, J. and **Abeysinghe, B**. (2002): Statistical analysis as a successful tool to be used in discrimination landslide area in topographical maps. Proc. 1st European Conference on Landslides, Prague, Czech Republic, 24-26 June, pp. 227-232.

24. **Bandara Abeysinghe**, Yushiro Iwao and Nimal Arambepola (2002) Landslide Hazard and Risk Assessment on Hill country of Sri Lanka, Proceedings of Regional Workshop on Best Practices in Disaster Mitigation, 24-26 September, Bali, Indonesia, pp438-443.

25. **Abeysinghe, B**., Iwao, Y. and Gunatilake, J. (2001): Risk assessment of landslide vulnerable slopes in the hill country of Sri Lanka. Proc. 3rd International Summer Symposium, Japanese Society of Civil Engineers (JSCE), Tokyo, Japan, 8th August, pp. 217-220.

26. Iwao, Y., **Abeysinghe, B**. and Gunatilake, J. (2001): Identification of landslide areas using topographical maps. Proc. 3rd International Summer Symposium, Japanese Society of Civil Engineers (JSCE), Tokyo, Japan, 8th August, pp. 221-224.

27. Arambepola, N.M.S.I., Weerasinghe, K., **Abeysinghe, A.M.K.B**., (1998) Statistical Fluctuations of Hazard Potential of the Factors Contributing to Landslide Risk. Proceedings of the International Conference on Disaster Management, Guwahati, Assam, India, 23rd – 26th April, 113pp.

Full papers (National conference proceedings)

28. Senarathna CSS, Godaliyadda OP, Disanayaka KTD, *Premasiri HMR, **Abeysinghe AMKB** and Weerawarnakula S (2016) Analysis of Geological Structures for Road Cut Failures: A Case Study Along Balangoda - Haputale Main Road, Proceedings of the 10th Annual Conference ERE 2016, 8th July 2016, Colombo, pp 81-86.

29. Wickramsinghe, K.O. Wijerathna, A.V.V.P. Godawithana, C.A.P. Weerawarnakula, S Premasiri, H.M.R. and **Abeysinghe AMKB** (2016) Geochemical Aspects of Serpentinite Bodies off Embilipitiya, Sri Lanka and their Effect on Human Health, Proceedings of the 10th Annual Conference ERE 2016, 8th July 2016, Colombo, pp 75-80.

30. Hettiarachchi DAI, Fernando HRW, Nanthahoban E, Sameer STM, **Abeysinghe AMKB**, Premasiri HMR and Samaradivakara GVI (2016) Soil Nail Wall Design Optimization by Geotechnical Applications and Geophysical Techniques, Proceedings of the 10th Annual Conference ERE 2016, 8th July 2016, Colombo, pp 87-92.
31. Kumara, HPKSA. De Silva, PS. Dushahantha, MNP. Madushanka, WDS. Weerawarnakula, S Premasiri, HMR. and **Abeysinghe AMKB** (2015) Geochemical Aspects of Serpentinite Bodies off Embilipitiya, Sri Lanka, Proceedings of the 9th Annual Conference ERE 2016, 30th July 2015, Colombo, pp 29-32.
32. Mampitiyaarachchi, CT, Ranathunqa, RMIGNK Thathkalana, UMC. **Abeysinghe AMKB** Indrathilake HML. Premasiri, H.M.R. and Weerawarnakula, S (2015) An Alternative Mitigation Method for Gerandi-Ella Reactivated Landslide, Proceedings of the 9th Annual Conference ERE 2015, 30th July 2015, Colombo, pp 39-45.
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Ranaweera,KVDNP. **Abeysinghe AMKB** Weerawarnakula, S Premasiri, H.M.R. (2015) Characterization of Beach Sand Deposits with Heavy Minerals using Geophysical Techniques, Proceedings of the 9th Annual Conference ERE 2015, 30th July 2015, Colombo, pp 33-35.

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Hereby I confirm that all the above information is correct to the best of my knowledge.

Prof AMKB Abeysinghe

30th November 2021