

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,

Chartered Geologist (C.Geol.)



1. PERSONAL DATA

FULL NAME:	Abeysinghe Mudiyansele Kulathilake Bandara Abeysinghe
NATIONALITY:	Sri Lankan
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, Kolamunna, 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) Special Degree in Geology with First Class 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 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.

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 Moratuwa 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 Advanced Certificate Course in Geology/ Gemmology 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 (Academic year 2005/2006, 2006/2007, 2008/2009 and 2009/2010)

5. AWARDS

2020-23	<u>Research Awards 2020/21/22/23 – University of Moratuwa</u> - Appreciation of outstanding research performance: Award for publications in 2020/21/22/23 Category I – Outstanding Award with Distinction
2020	NRC Merit Award for Scientific Research - The story of rare earth elements (REEs): occurrences, global distribution, genesis, geology, mineralogy and global production. ORE GEOLOGY REVIEWS 2020, Vol.122, Art No 103521.
2012	<u>Best Paper Award ACEPS 2012</u> - 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, 19 th March 2012, University of Ruhuna, Galle, Sri Lanka.
2003	<u>2003 Student Award of Excellence</u> - 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	<u>MONBUSHO Research Scholarship – 2000</u> 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	<u>King's Scholarship</u> - 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	<u>University Scholarship</u> - Meritorious performance at the Special Science Degree Examination held in 1992/1993. Awarded at the General Convocation University of Peradeniya on 22 nd December 1993.
1990	<u>University Scholarship</u> - Meritorious Performance at General Science Qualifying Examination 86/87 held in March 1990.

6. RESEARCH ACTIVITIES/GRANTS

NATIONAL

2021 -2022	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
2021-2023	SRC Grant 2021- University of Moratuwa: Indicative Assessment of Ni Phyto mining viability at Ginigalpalassa serpentinite soils. (SRC/LT/2021/15) Principal Investigator.

2019-2022	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.
2005-2006	SRC Grant 2005 – University of Moratuwa: Development of Padiyathalawa hot water springs as geothermal for power generation (Principal Investigator).

7. Postgraduate Students

R. M. Pubudi Dilshara (218116L)	MPhil , Indicative Assessment of Ni Phytomining Viability at Ginigalpelessa Serpentine soils, Completed and awarded 2024 (Main Supervisor)
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, Completed and awarded 2023 (Main Supervisor)
MNP Dushantha (198086M)	PhD , Development of extraction techniques for Rare Earth Elements (REE) in Sri Lankan Onshore and Offshore Terrains, Completed and awarded 2024 (Co Supervisor)
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 and awarded January 2006 (Co Supervisor)
IWTP Dayarathna	M.Sc in Mining and Mineral Exploration Department of Earth Resources Engineering, University of Moratuwa, Relationship between Los Angeles Abrasion Value and Mineralogy of Rocks, Completed and awarded 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)

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.

9. PARTICIPATION AT INTERNATIONAL/ National MEETINGS / WORKSHOPS

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, SeisImager 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.

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 4034 Hydrogeology and Engineering Geology (100%)
	ER 2611 Petrology and Structural Geology (50%)
	ER 3913 Geology Field Visits and Camp (50%)
	ER 2611 Petrology and Structural Geology (50%)
	ER 1014 Geology (20%)

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

2021 to date	CE 2043 Soil Mechanics and Geology I (33%)
2021 to date	CE 2133 Soil Mechanics and Geology II (33%)

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)
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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, 2009,2011,2013,2016,2019,2022 and 2025)
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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), 24 th 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), 29 th August 2017, The Blue Water, Wadduwa, Sri Lanka ISBN 978-955-9027-65-
2011	Co-Editor Proceedings of the 6 th National Conference on "Minerals and Innovative Thinking" 25 th November 2011, University of Moratuwa ISSN 1800-346X

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| 2010 | Member of the Editorial Board Proceedings of ERE 2010 of the 5 th Annual Conference on Earth Resource for national Development, 24 th September 2010, University of Moratuwa ISSN 1800-346X |
| 2009 | Member of the Editorial Board Proceedings of ERE 2009 of the 4 th Annual Conference on Mining for Sustainable Development, 29 th May 2009, University of Moratuwa ISSN 1800-346X |
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12. PUBLICATIONS

REFEREED JOURNALS

1. Pubudi Dilshara¹ · Nalin Ratnayake¹ · **Bandara Abeysinghe¹** · Ranjith Premasiri¹ · Nimila Dushyantha² · Sandun Senarath³ · Amila Sandaruwan Ratnayake² · Nadeera Batapola¹ (2024) Soil-to-resource approach to assess the Ni hyperaccumulating potential of native plant species for phytomining at Ginigalpelessa serpentinite deposit, Sri Lanka Arabian Journal of Geosciences (2024) 17:90
2. Pubudi Dilshara a, **Bandara Abeysinghe a**, Ranjith Premasiri a, Nimila Dushyantha b,^{*}, Nalin Ratnayake a, Sandun Senarath c, Amila Sandaruwan Ratnayake b, Nadeera Batapola a (2024) The role of nickel (Ni) as a critical metal in clean energy transition: applications, global distribution and occurrences, production-demand and phytomining Asian Earth Sciences 259 (2024) 105912
3. K.W.D. Sanjeewa, Udeni P. Nawagamuwa and **A.M.K.B. Abeysinghe** (2024) Effects of Geological and Geotechnical Characteristics on Cut-Slope Stability of Residual Formations in the Hilly Terrain of Sri Lanka A Case Study from Central Expressway (Section 3) ENGINEER - Vol.LVII, No. 02, 2024
4. Nimila Dushyantha a,b,^{*} , Nalin Ratnayake a , Ranjith Premasiri a , Nadeera Batapola a , Hemalal Panagoda a , Chulantha Jayawardena a , Rohana Chandrajith c , I.M. Saman K. Ilankoon d , Sudath Rohitha a , Amila Sandaruwan Ratnayake b , **Bandara Abeysinghe a** , Kithsiri Dissanayake a , Pubudi Dilshara a," (2023). Geochemical exploration for prospecting new rare earth elements (REEs) sources: REE potential in lake sediments around Eppawala Phosphate Deposit, Sri Lanka .",Journal of Asian Earth Sciences ,243 (2023) 105515,2023
5. Nadeera Batapola¹ · Nalin Ratnayake¹ · **Bandara Abeysinghe¹** · Ranjith Premasiri¹ · Nimila Dushyantha² · I. M. Saman K. Ilankoon³ · Rohana Chandrajith⁴ · Sudath Rohitha¹ · Kithsiri Dissanayake¹ · Pannipitiye Dharmaratne¹ · Amila Sandaruwan Ratnayake² · Pubudi Dilshara¹," (2023).The potential of REEs in the Eppawala Phosphate Deposit, Sri Lanka: REE enrichment, mineralization, and economic significance.",Environmental Earth Sciences ,(2023) 82:446 ,2023
6. C.J. Nanayakkara a , N.P. Dushyantha b,^{*} , N.P. Ratnayake a , H.M.R. Premasiri a , **A.M.K.B. Abeysinghe a** , N.M. Batapola a , R.M.P. Dilshara a , N. Partheepan a , M.Y. Kumarapperuma a, (2023)".Risk evaluation and remedial measures for heavy metal

contamination in lagoonal sediments of the Negombo Lagoon, Sri Lanka after the X-Press Pearl maritime disaster .",Regional Studies in Marine Science, 67 (2023) 103200,2023

7. Nimila Dushyantha 1,2,* , I. M. Saman K. Ilankoon 3,* , N. P. Ratnayake 1 , H. M. R. Premasiri 1 , P. G. R. Dharmaratne 1 , **A. M. K. B. Abeysinghe** 1 , L. P. S. Rohitha 1 , Rohana Chandrajith 4 , A. S. Ratnayake 2 , D. M. D. O. K. Dissanayake 1 and N. M. Batapola (2022) ,".Recovery Potential of Rare Earth Elements (REEs) from the Gem Mining Waste of Sri Lanka: A Case Study for Mine Waste Management.",minerals,Volume 12 Issue 11,2022
8. I.M.S.K. Ilankoon , N.P. Dushyantha , N. Mancheri, P.M. Edirisinghe, S.J. Neethling, N. P. Ratnayake, L.P.S. Rohitha, D.M.D.O.K. Dissanayake, H.M.R. Premasiri, **A.M.K.B. Abeysinghe**, P.G.R. Dharmaratne, N.M. Batapola, (2022) Constraints to rare earth elements supply diversification: Evidence from an industry survey.",Journal of Cleaner Production ,331 (2022),2022
9. 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).
10. 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.
11. 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.
12. 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.
13. **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.
14. 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.

15. **Abeyasinghe, 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.
16. **Abeyasinghe, 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. Wickramasinghe KGKG, Arachchige RANUR, De Zoysa DYB, Premasiri* HMR, Abeyasinghe AMKB, Ratnayake NP, Batapola NM, Dilshara RMP Assessing the Applicability of Geophysical Methods for Exploring Vein Type Mica Deposits – A Case Study in Matala District, Sri Lanka ISERME 2024,Hokkaido, Japan, 2024,106-111.
2. Mahendran M1, Maduranga UKD1, Amarasinghe AAYDT1, Abeyasinghe AMKB*1, Ratnayake NP1, Premasiri HMR1, Dushyantha NP2, Batapola NM1, Dilshara RMP1 Comparative Analysis of Vertical Metal Zonation in Ginigalpelessa and Indikolapelessa Serpentine Complex ISERME 2024,Hokkaido, Japan, 2024,98-105.
3. Benjamin1 R, Anojithan1 M, Lokugamhewa 1 SW, Ratnayake1* NP, Abeyasinghe1 AMKB, Premasiri1 HMR, Dushyantha2 NP, Batapola1 NM, Dilshara1 RMP Characterization of Heavy Minerals in Nilaveli and Batticaloa Beach Stretches ISERME 2024,Hokkaido, Japan, 2024,112-117.
4. Herath HMIA, Piyumangi WAM, Kanishta KPMK, ***Abeyasinghe AMKB**, Ratnayake NP, Premasiri HMR, Batapola BDNM, and Dilshara RMP,".Assessing the Potential of Critical Metals and Rare Earth Elements in Lateritic Soils of the Southwestern Region of Sri Lanka.", ISERME 2023,Colombo, Sri Lanka,2023,102-107
5. Arunapriya GGDPI, Liyanage AGSI, Kishanth S, ***Premasiri HMR**, Ratnayake NP and **Abeyasinghe AMKB**,".Applicability of GPR Technique for Earthen Dam Failures.", ISERME 2023,Colombo, Sri Lanka,2023,69-76
6. De Silva NJC, Malinda KMDRP, Elankeeran T, Dilshara RMP, Batapola BDNM, ***Ratnayake NP**, Premasiri HMR, and **Abeyasinghe AMKB**,".Heavy Metal Contamination in the Water of a Semi-Urban Lake – Bolgoda Lake, Sri Lanka.", ISERME 2023,Colombo, Sri Lanka,2023,96-101
7. Rathnasekara RMNL, Edirisuriya EATD, Sajithkanth T, ***Premasiri HMR**, Ratnayake NP, and **Abeyasinghe AMKB**,".Assessment of Unusual Rock Weathering in Samanalawewa Area in Sri Lanka.", ISERME 2023,Colombo, Sri Lanka,2023,42

8. Pubudi Dilshara¹ , Sandun Senarath² , Nalin Ratnayake¹ , **B. Abeysinghe¹** , Ranjith Premasiri¹ , Nimila Dushyantha³ , Amila Ratnayake³ , Nadeera Batapola¹,"Assessment of Ni phytomining potential in Ginigalpelessa serpentinite deposit, Southeast Sri Lanka.",MerCon 2023,Moratuwa, Sri Lanka,2023,

9. Nadeera Batapola, Nalin Rathnayake, **B Abeysinghe**, Ranjith Premasiri, Sudath Rohitha, Nmila Dushyantha, I.M. Saman K Ilankoon, Oscar Dissanayake, Pannipitye Dharmaratne,"Rare Earth Element Enrichment in Intrusive Rocks of Sri Lanka as a Potential Low-Grade Source.",MerCon 2022,Moratuwa, Sri Lanka,2022,

10. Nadeera Batapola, Nimila Dushyantha, Nalin Ratnayake, Ranjith Premasiri, **B. Abeysinghe**, Oscar Dissanayake, Sudath Rohitha, Saman Ilankoon and Pannipitye Dharmaratne,"Rare earth element potential in the beach placers along the southwest coast of Sri Lanka. .",2021 Moratuwa Engineering Research Conference (MERCon) ,colombo,2021

11. Vinoj PKL, Kapilarathna MWCS, Samarakoon SMPS, Dushyantha NP, Batapola NM, **Abeysinghe AMKB**, Premasiri HMR and Ratnayake NP ,".Investigation of Rare Earth Element Potential in Granitic Rocks of Sri Lanka Special Reference to Thonigala Granite. .",International Symposium on Earth Resources Management & Environment (ISERME 2021), ,colombo,2021,128-134

12. Samarakoon KGAU, Chamilka WTH, Areekaran T, Dushyantha NP, Batapola NM, Premasiri HMR, Ratnayake NP and **Abeysinghe AMKB** ,". Investigation of Rare Earth Elements Potential in Iron Ore Deposits in Sri Lanka.",International Symposium on Earth Resources Management & Environment (ISERME 2021), ,colombo,2021,121-127

13. 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.

14. 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.

15. 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.

16. C.T. Mampitiyaarachchi, M.Z.M. Rifad R.M.I.G.N.K, Hanathunqa, U.M.C. Thathkalana, H.M.L. Indrathilake 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

17. Senadheera PK, Attanayake AMGB, Dharmasena ASL, Sudusingha SKMN, Jayawardena CL and **Abeyasinghe 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.

18. Premasiri HMR, Colombage HCDP, Palamakubura D, Kodippli, TKA, Wickramasekara KT, **Abeyasinghe* AMKB** and Chaminda SP (2012) Application of Remote Sensing and GIS techniques for Exploring Construction Material from inaccessible terrains; case study in 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.

19. Kankanamge, B.U. Chaturanga, S.M.S. Ruwanika, L.L.D. Palmure, P.K. **Abeyasinghe 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.

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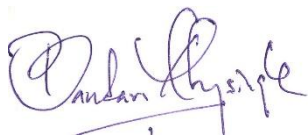
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Hereby I confirm that all the above information is correct to the best of my knowledge.



Prof AMKB Abeysinghe

13th May 2025