

CURRICULAUM VITAE – Sanjeewa P.K. Malaviarachchi



FULL NAME:	
Sanjeewa Prabhath Kumara Malaviarachchi	
AFFILIATION:	DATE OF BIRTH: 04 th July, 1974 RELIGION: Buddhist
Professor in Geology, Department of Geology, Faculty of Science, University of Peradeniya 20400, SRI LANKA.	Telephone : +81-90-65308005 (Japan) +94-81-2394215 (Sri Lanka) +94-71-8682715 (Sri Lanka)
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Hitigedara, Karahampitigoda, Dewanagala 71527, Mawanella, Sri Lanka	malavi@pdn.ac.lk smalavilk@yahoo.com
EDUCATION/ACADAMIC BACKGROUND	
<u>PhD</u>	
Thesis: Understanding of melting and melt/fluid migration within the Earth's upper mantle using major and trace elements, and multi-isotopic (Pb, Sm-Nd, Lu-Hf) geochemical tools on residual peridotites	
Institution: Institute of Study of the Earth's Interior (ISEI), Okayama University, Japan Graduation: September, 2008 (2005-2008)	
<u>MSc</u>	
Thesis: Petrology of High-grade metamorphic rocks from Sri Lanka	
Institution: Graduate School of Science & Engineering, Shimane University, Japan Graduation: September 2005 (2003-2005)	
<u>Post Graduate Diploma</u>	
Subject: Oceanography Institution: Post Graduate Institute of Science, University of Peradeniya, Sri Lanka Award: December, 2003 (2002-2003)	
<u>BSc (Hons)</u>	
<i>[Geology Special Degree, Second class Honours]</i>	
Thesis: Use of Cyclogram technique for the interpretation of water supply borehole data: A case study from Polonnaruwa area, Sri Lanka Institution: Department of Geology, Faculty of Science, University of Peradeniya, Sri Lanka Graduation: April 2001 (1997-2001)	

ACADEMIC CAREER

- **November, 2018 to Present:** Professor in Geology, Dept. of Geology, Faculty of Science, Univ. of Peradeniya
- **November, 2017 to November, 2018:** Visiting Assistant Professor, Dept. of Geology, Faculty of Science, Niigata University, Japan
- **January, 2011 to November, 2018:** Senior Lecturer, Dept. of Geology, Faculty of Science, Univ. of Peradeniya
- **January, 2010 to December, 2010:** Post Doctoral Fellow, Australian National University, Canberra
- **October, 2008 to December, 2009:** Post Doctoral Researcher, Okayama University, Japan
- **October, 2005 to September, 2008:** PhD candidate and Research Assistant, Okayama University, Japan
- **October, 2003 to September, 2005:** MSc. Student, Shimane University, Japan
- **September, 2002 to September, 2003:** Visiting Demonstrator, Post Graduate Institute of Science, University of Peradeniya
- **April, 2001 to April, 2002:** Teaching Assistant/Demonstrator Department of Geology, University of Peradeniya

ACADEMIC DISTINCTIONS / AWARDS

- Award of H.E. President of Sri Lanka for Scientific Research – 2015/16/17
- Post Doctoral Research Award of the ANU, Australia (ARC 2010)
- Post Doctoral Research Award, Japan Society for promotion of Science (2009)
- Goldschmidt Conference Student Travel Grant from the Geochemical Society for outstanding student researches (2007)
- Student excellence scholarship from the Okayama University (2007, 2008)
- 21st century Centre of Excellence (COE) student scholarship for Ph.D (2005)
- Monbukagakusho (MEXT)- Japanese government Scholarship, Ministry of Education, Science and Sports, Japan (2003-2005)
- Merit certificate for General English Proficiency, University Grants Commission, Sri Lanka (1997)
- Certificates of English for Communication - Level 1,2 & 3, University of Warwick, UK (1990)

RESEARCH AND ANALYTICAL SKILLS

- Analysis of geochemistry of Platinum Group Elements and gold (Au) in mineral exploration (ICP-MS)
- Geochemical analysis using analytical equipment of XRF (major elements), ICP-MS & TIMS (trace elements and Pb, Li, Rb-Sr, Lu-Hf and Rb-Sr, Sm-Nd isotopes) – Clean Laboratory experience in geochemistry
- SIMS (insitu analysis of minerals for trace elements), EPMA, laser ICP-MS, SEM
- Geological sample preparations including rock thin section preparation, mineral separation, rock powder preparation etc., and respective petrological analyses.
- Carrying out Geophysical (resistivity) Surveys for Groundwater Exploration
- Preparation of geological maps

TEACHING AREAS

- Petrology
- Geochemistry
- Structural and Feld Geology
- Geochronology
- Economic Geology

RESEARCH INTERESTS

- Petro-geochemical studies of igneous rocks
- Trace element and radiogenic isotopic characteristics of the Earth's mantle and crust
- Petrological, mineral-chemical, and temporal evolution of rocks
- History and evolution of the Gondwana Supercontinent with special emphasis on Asian continent and Antarctica
- Study of chalcophile elements (PGE, Au and Cu) in rocks to understand their relationships with economic mineral deposits
- Geochemical evolution of the early Earth and planetary bodies
- Trace element and isotopic analysis of geological / environmental samples

TEACHING EXPERIENCE

- Total Experience: 10 Years

Main teaching

- Undergraduate (BSc) and Post graduate courses (MSc and PhD) in Petrology, Geochemistry, Isotope Geology, Structural Geology and Economic Geology

Inter-faculty undergraduate teaching

- Department of Archaeology, Faculty of Arts, University of Peradeniya. 400 Level: ACL 401 - Environmental Archaeology (1 Credit)
- Department of Geography, Faculty of Arts, Univerisity of Peradeniya. 200 Level: GGY 206 - Geology for Geographers (2 Credits)
- Moderator for Faculty of Applied Science, Sabaragamuwa University of Sri Lanka
- Moderator for Chemistry of Gem Minerals and Synthetic Gem Materials Course, Institute of Chemistry, Sri Lanka

Inter-faculty postgraduate teaching

- Teaching in MSc in Gemmology from 2013 to 2017 at Postgraduate Institute of Science (PGIS), University of Peradeniya
- Teaching in MSc in Engineering Geology and Hydrogeology – 2013/14 at PGIS
- Evaluator of MSc Thesis at PGIS, University of Peradeniya
- PhD Supervision at PGIS, University of Peradeniya
- Oral Examiner– MSc in Disaster management at PGIS, University of Peradeniya
- Panel member of Progress Review Seminars/upgrade of Mphil/PhD students at PGIS, University of Peradeniya

UNDERGRADUATE AND POSTGRADUATE STUDENT SUPERVISION

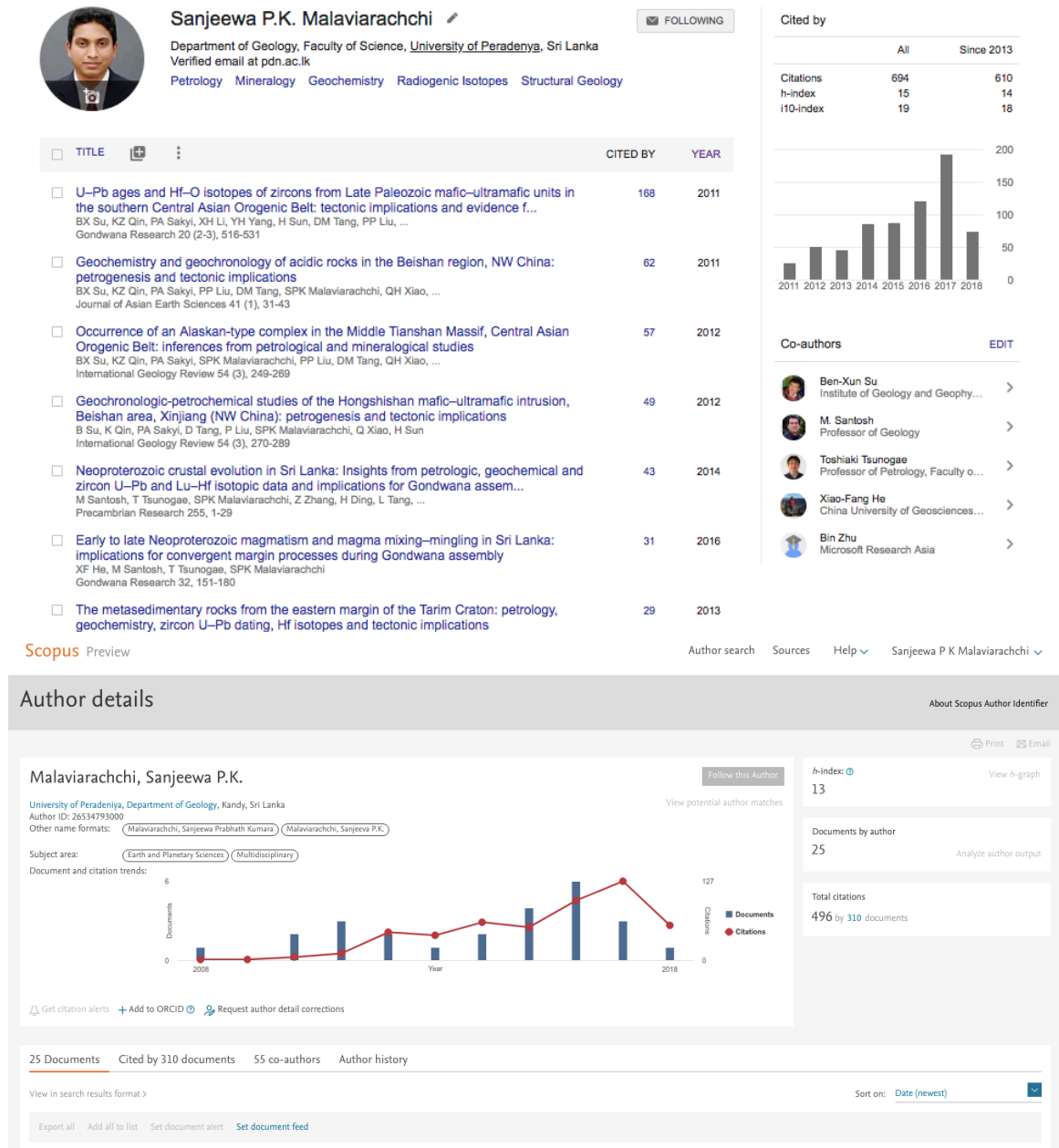
PhD - P.L. Dharmapriya, 2016 (Reg. No: PGIS/ES/MPhil-PhD/11/410)
Postgraduate Institute of Science, University of Peradeniya
Thesis: Petrology, geochronology and geochemistry of Ultra high temperature granulites of Sri Lanka
Award of the degree: 14.12.2016

MPhil - H.M.D.A.H. Bandara, 2017 - (Ongoing)
Thesis: Petrology and geophysical characteristics of the Highland-Vijayan crustal boundary and associated hot springs in Sri Lanka

MSc and BSc - Supervised 10 undergraduate thesis projects and 3 MSc projects from 2011 to 2018

RESEARCH RECORD:**a) Evidence for citations by Google Scholar and SCOPUS:****H-Index**

My current H-Index is 16 (Google). ORCID id: [0000-0001-9835-850X](https://orcid.org/0000-0001-9835-850X); Scopus id: 26534793000

**Major Publications (Selected) and their significance:**

- 1) Malaviarachchi, S.P.K., Makishima, A, Tanimoto, M, Kuritani, T and Nakamura, E. Highly unradiogenic lead isotope ratios from the Horoman peridotite massif in Japan. *Nature Geoscience*, 01, 859-863 (2008).

- *Finding evidence for extremely chemically and isotopically depleted reservoir in the Earth's mantle using Pb isotope geochemistry.*

- 2) Malaviarachchi, S.P.K, Makishima, A and Nakamura, E. Melt–rock reactions and metasomatism in the upper mantle revealed from peridotites and gabbros from the Horoman Peridotite Massif, Japan. *Journal of Petrology* 51, 1417-1445 (2010).
- **Discussion on chemical interactions between Earth mantle rocks and magmatic melts using major and trace elements and Sr-Nd, Lu-Hf isotopes**
- 3) Ben-Xun Su, Ke-Zhang Qin, Patrick Asamoah Sakyi, Xian-Hua Li, Yue-Heng Yang, He Sun, Dong-Mei Tang, Ping-Ping Liu, Qing-Hua Xiao and Sanjeeva P.K. Malaviarachchi. U–Pb ages and Hf–O isotopes of zircons from Late Paleozoic mafic–ultramafic units in the southern Central Asian Orogenic Belt: Tectonic implications and evidence for an Early-Permian mantle plume. *Gondwana Research* 20, 516–531 (2011).
- **Finding pioneering evidence for mantle plume and its age in the Central Asian mountains.**
- 4) Santosh, M. Tsunogae, T. Malaviarachchi, S.P.K., Zhang, Z., Ding, H., Tang, L., and Dharmapriya. P.L. Neoproterozoic crustal evolution in Sri Lanka: Insights from petrologic, geochemical and zircon U–Pb and Lu–Hf isotopic data and implications for Gondwana assembly. *Precambrian Research*, 255, 1-29 (2014).
- **Finding evidence for Crust formation in the late Neoproterozoic using U-Pb and Lu-Hf isotopes in the Gondwana continental block of Sri Lanka.**
- 5) Dharmapriya, P.L., Malaviarachchi, S.P.K., Santosh, M., Lang, L. and Sajeev, K. Late-Neoproterozoic ultrahigh-temperature metamorphism in the Highland Complex, Sri Lanka. *Precambrian Research* 271, 311-333 (2015).
- **Finding implications for ultra-high temperature metamorphism at late Neoproterozoic in Sri Lanka and its global significance to Gondwana.**

CITATIONS OF ABOVE MAJOR PAPERS (Extracted from Scopus)

Secure | <https://www.scopus.com/authid/detail.uri?authorid=26534793000>

Document title	Authors	Year	Source	Cited by
Highly unradiogenic lead isotope ratios from the horoman peridotite in japan	Malaviarachchi, S.P.K., Makishima, A., Tanimoto, M., Kuritani, T., Nakamura, E.	2008	Nature Geoscience	22
View abstract ▾ Related documents				
Melt-peridotite reactions and fluid metasomatism in the upper mantle, revealed from the geochemistry of peridotite and gabbro from the Horoman peridotite massif, Japan	Malaviarachchi, S.P.K., Makishima, A., Nakamura, E.	2010	Journal of Petrology	13
View abstract ▾ Related documents				
U-pb ages and hf-o isotopes of zircons from late paleozoic mafic-ultramafic units in the southern central asian orogenic belt: Tectonic implications and evidence for an early-permian mantle plume	Su, B.-X., Qin, K.-Z., Sakyi, P.A., (...), Xiao, Q.-H., Malaviarachchi, S.P.K.	2011	Gondwana Research	139
View abstract ▾ Related documents				
Neoproterozoic crustal evolution in Sri Lanka: Insights from petrologic, geochemical and zircon U-Pb and Lu-Hf isotopic data and implications for Gondwana assembly	Santosh, M., Tsunogae, T., Malaviarachchi, S.P.K., (...), Tang, L., Dharmapriya, P.L.	2014	Precambrian Research	31
View abstract ▾ Related documents				
Late-Neoproterozoic ultrahigh-temperature metamorphism in the Highland Complex, Sri Lanka	Dharmapriya, P.L., Malaviarachchi, S.P.K., Santosh, M., Tang, L., Sajeev, K.	2015	Precambrian Research	16
View abstract ▾ Related documents				

b) Refereed papers and reviews

36. Malaviarachchi, Sanjeeva P.K., Subhashani Bindusara, Prasanna Lakshitha Dharmapriya, Ben-Can Su, Li Su, Ben-Xun Sue, Chen Chen, Hong Zhang, Chengli Zhang, Krishnan Sajeev, Patrick Asamoah Sakyi, Melesse Alemayeh. U-Pb geochronology of zircons of river sands from Sri Lanka: Implications for multiple magmatism and continuous crustal growth from early Archean to late Cambrian. **Jnl. Asian Earth Sc.**, 2018 (Under Review).
35. Jung-Woo Park, Ian H. Campbell, Sanjeeva P.K. Malaviarachchi, Helen Cocker, Hongda Hao, Suzanne M. Kay, The role of magma fertility in the formation of porphyry Cu±Au deposits, **Mineralium Deposita**, 2018 (Accepted).
34. Malaviarachchi, S.P.K. Review on Age of Magmatism and Crust Formation in Sri Lanka: U-Pb and Lu-Hf Isotopic Perspectives. **J Indian Inst Sci.** , 1-18. Doi:<https://doi.org/10.1007/s41745-018-0069-1>(2018).
33. XF He, M Santosh, T Tsunogae, SPK Malaviarachchi, Magnetite-apatite deposit from Sri Lanka: Implications on Kiruna-type mineralization associated with ultramafic intrusion and mantle metasomatism. **American Mineralogist** 103 (1), 26-38 (2018).
32. Dharmapriya, P.L., Sanjeeva PK Malaviarachchi, Kriegsman, L.M, Andrea Galli, Sajeev, K, Chengli Zhang. New constraints on the P-T path of HT/UHT metapelites from the Highland Complex of Sri Lanka. **Geoscience Frontiers**. <http://dx.doi.org/10.1016/j.gsf.2016.12.005> (2017).
31. Yang Bai, Ben-Xun Su, Chen Chen, Sai-Hong Yang, Zi Liang, Yan Xiao, Ke-Zhang Qin, Sanjeeva PK Malaviarachchi. Base metal mineral segregation and Fe-Mg exchange inducing extreme compositions of olivine and chromite from the Xiadong Alaskan-type complex in the southern part of the Central Asian Orogenic Belt. **Ore geology Review**. <http://dx.doi.org/10.1016/j.oregeorev.2017.01.023> (2017).
30. Dharmapriya, P.L., Sanjeeva PK Malaviarachchi, Leo M Kriegsman, Sajeev, K, Andrea Galli, Osanai, Y, Subasinghe, N.D, Dissanayake. C.B. Distinct metamorphic evolution of alternating silica-saturated and silica-deficient microdomains within garnet in ultrahigh-temperature granulites: an example from Sri Lanka. **Geoscience Frontiers**. <http://dx.doi.org/10.1016/j.gsf.2016.11.008> (2016).
29. Dharmagunawardhane, H.A, Malaviarachchi, S.P.K., Burgess, W. Fluoride content of minerals in gneissic rocks at an area of endemic dental fluorosis in Sri Lanka: estimates from combined petrographic and electron microprobe analysis. **Ceylon Journal of Science** 45 (1) (2016).
28. Osanai, Y., Sajeev, K., Nakano, N., Kitano, I., Kehelpannala, W.K.V., Kato, R., Adachi, T., Malaviarachchi, S.P.K. UHT granulites of the Highland Complex of Sri Lanka II: Geochronological constraints and implications for Gondwana correlation. **Journal of the Mineralogical and Petrological Sciences**, 111, 157-169 (2016b).

27. Osanai, Y., Sajeev, K., Nakano, N., Kitano, I., Kehelpannala, W.K.V., Kato, R., Adachi, T., Malaviarachchi, S.P.K. UHT granulites of the Highland Complex of Sri Lanka I: Geological and Petrological background. ***Journal of the Mineralogical and Petrological Sciences***, 111, 145-156 (2016a).
26. Dharmapriya, P.L., Malaviarachchi, S.P.K., Santosh, M., Sajeev, K., Zhang, Chengli. New LA-ICP-MS U-Pb ages of detrital zircons from the Highland Complex. Insights into late Cryogenian to early Cambrian (ca. 665-535) linkage between Sri Lanka and India. ***International Geology Review***. 58 (15), 1856-1883 (2016).
25. Takamura, Y., Tsunogae, T., Santosh, M., Malaviarachchi, S.P.K., Tsutsumi. Y. U-Pb geochronology of detrital zircons in metasediments of Sri Lanka: Implications for the regional correlations of Gondwana fragments. ***Precambrian Research***, 281, 434-452 (2016).
24. He Xiao-Fang, Santosh, M, Tsunogae, T, Malaviarachchi, S,P,K, Dharmapriya, P.L. Neoproterozoic arc accretion along the 'eastern suture' in Sri Lanka during Gondwana assembly. ***Precambrian Research***, 279, 57-80 (2016).
23. Malaviarachchi Sanjeeva P.K. A Concise Review on New Lu-Hf And U-Pb Isotope Systematics of Metamorphosed Magmatic Rocks of Sri Lanka: Insights into Recent Geotectonic Models. . ***Journal of the Geological Society of Sri Lanka*** 17, 101-112 (2016).
22. He, Xiao-Fang, Santosh, M., Tsunogae, T., Malaviarachchi, S.P.K. Early to late Neoproterozoic magmatism and magma mixing-mingling in Sri Lanka: Implications for convergent margin processes during Gondwana assembly. ***Gondwana Research***, 32, 151-180 (2016).
21. Dharmapriya, P.L., Malaviarachchi, S.P.K., Santosh, M., Lang, L., Sajeev, K. Late-Neoproterozoic ultrahigh-temperature metamorphism in the Highland Complex, Sri Lanka. ***Precambrian Research*** 271, 311-333 (2015).
20. Dharmapriya, P.L., Malaviarachchi, S.P.K., Galli, A., Su, Ben-Xun., Subasinghe, N.D., Dissanayake. C.B. Rare evidence for formation of garnet + corundum during isobaric cooling of ultrahigh temperature metapelites: New insights for retrograde P-T trajectory of the Highland Complex, Sri Lanka. ***Lithos***, 220, 300-317 (2015).
19. Takamura, Y., Tsunogae, T., Santosh, M., Malaviarachchi, S.P.K., Tsutsumi. Y. Petrology and zircon U-Pb geochronology of metagabbro from the Highland Complex, Sri Lanka: Implications for the correlation of Gondwana suture zones. ***Journal of Asian Earth Sciences*** 113, 826-841 (2015).
18. Malaviarachchi, S.P.K., Dharmapriya, P.L. Revisiting Ultrahigh Temperature Granulites of Sri Lanka: New Prograde and Retrograde Mineral Textures from the Highland Complex. ***Journal of the Indian Institute of Science*** 95 (2), 159-172 (2015).

17. Malaviarachchi, S.P.K., Dharmapriya, P.L Preliminary data on Platinum Group Element and gold in the Highland Complex, Sri Lanka: A search for hidden sulphide saturation. ***Journal of the Geological Society of Sri Lanka*** 16, 29-31 (2015).
16. Santosh, M. Tsunogae, T. Malaviarachchi, S.P.K., Zhang, Z., Ding, H., Tang, L., Dharmapriya, P.L. Neoproterozoic crustal evolution in Sri Lanka: Insights from petrologic, geochemical and zircon U-Pb and Lu-Hf isotopic data and implications for Gondwana assembly. ***Precambrian Research***, 255, 1-29 (2014).
15. Dharmapriya, P. L., Malaviarachchi, S. P. K., Galli, A., Su, B, Subasinghe, N. D., Dissanayake, Nimal Siri, T.B, Zhu, B. P-T evolution of a spinel + quartz bearing khondalite from the Highland Complex, Sri Lanka: Implications for non-UHT metamorphism. ***Journal of Asian Earth Sciences***, 95, 99-113 (2014).
14. Zhong-Mei Wang, Chun-Ming Han, Ben-Xun Su, Patrick Asamoah Sakyi, Sanjeewa P.K. Malaviarachchi, Song-Jian Ao, Luo-Juan Wang. The metasedimentary rocks from the eastern margin of the Tarim Craton: Petrology, geochemistry, zircon U-Pb dating, Hf isotopes and tectonic implications. ***Lithos***, 179, 120-136. doi: 10.1016/j.lithos.2013.08.010 (2013).
13. Malaviarachchi, S.P.K. Extremely high Rare Earth Element partitioning in to Clinopyroxenes of mantle peridotites. ***Ceylon Journal of Science (Physical Sciences)***, 16:1 (2012)
12. Ben-Xun Su, Ke-Zhang Qin, Patrick Asamoah Sakyi, Sanjeewa P.K. Malaviarachchi, Ping-Ping Liu, Dong-Mei Tang, Qing-Hua Xiao, He Sun, Yu-Guang Ma & Qian Mao. Occurrence of an Alaskan-type complex in the Middle Tianshan. ***International Geology Review*** 54:3, 249-269. DOI:10.1080/00206814.2010.543009 (2012).
11. Benxun Su, Ke Zhang Qin, Patrick Asamoah Sakyi, Dongmei Tang, Pingping Liu, Sanjeewa P.K. Malaviarachchi, Qinghua Xiao & He Sun. Geochronologic-petrochemical studies of the Hongshishan mafic-ultramafic intrusion, Beishan area, Xinjiang (NW China): petrogenesis and tectonic implications. ***International Geology Review*** 54:3, 270-289. DOI:10.1080/00206814.2010.543011 (2012).
10. Malaviarachchi, S.P.K., & Takasu, A. Electron Microprobe dating of Monazites from Sri Lanka. ***Journal of the geological Society of Sri Lanka*** 14, 81-90 (2011).
09. Malaviarachchi, S.P.K., & Takasu, A. Petrology of metamorphic rocks from the Highland and Kadugannawa Complexes, Sri Lanka. ***Journal of the geological Society of Sri Lanka*** 14, 103-122 (2011).
08. Ben-Xun Su, Ke-Zhang Qin, Patrick Asamoah Sakyi, Ping-Ping Liu, Dong-Mei Tang, Sanjeewa P.K. Malaviarachchi, Qing-Hua Xiao, He Sun, Yu-Cai Dai & Yan Hu. Geochemistry and geochronology of acidic rocks in the Beishan region, NW China: Petrogenesis and tectonic implications. ***Journal of Asian Earth Sciences*** 41, 31-43 (2011).

07. Ben-Xun Su, Ke-Zhang Qin, Patrick Asamoah Sakyi, Xian-Hua Li, Yue-Heng Yang, He Sun, Dong-Mei Tang, Ping-Ping Liu, Qing-Hua Xiao & Sanjeewa P.K. Malaviarachchi. U-Pb ages and Hf-O isotopes of zircons from Late Paleozoic mafic-ultramafic units in the southern Central Asian Orogenic Belt: Tectonic implications and evidence for an Early-Permian mantle plume. ***Gondwana Research* 20, 516–531 (2011).**
06. Malaviarachchi, S.P.K, Makishima, A and Nakamura, E. Melt-rock reactions and metasomatism in the upper mantle revealed from peridotites and gabbros from the Horoman Peridotite Massif, Japan. ***Journal of Petrology* 51, 1417-1445 (2010).**
05. Su Benxun, Zhang Hongfu, Patrick Asamoah Sakyi, Qin Kezhang, Liu Pingping, Ying Jifeng, Tang Yanjie, Sanjeewa P K Malaviarachchi, Xiao Yan, Zhao Xinmiao, Mao Qian, Ma Yuguang. Formation of Melt Pocket in Mantle Peridotite Xenolith from Western Qinling, Central China: Partial Melting and Metasomatism. ***Journal of Earth Science*, 21:5, 641–668. DOI: 10.1007/s12583-010-0116-y (2010).**
04. Malaviarachchi, S.P.K, Makishima, A, Tanimoto, M, Kuritani, T and Nakamura, E. Highly unradiogenic lead isotope ratios from the Horoman peridotite massif in Japan. ***Nature Geoscience*, 01, 859-863 (2008).**
03. Malaviarachchi, S.P.K, Makishima, A and Nakamura, E. Unusually high trace element abundances in residual peridotites: implications for mantle-melt interactions at a Mid Oceanic Ridge. ***Geochimica Cosmochimica Acta* 71, Supp.1, A 615 (2007).**
02. Malaviarachchi, S.P.K and Dharmagunawardhane, H.A. Borehole data representation by Cyclogram: a case study from Polonnaruwa area, Sri Lanka. ***Journal of Geological Society of Sri Lanka*, v. 12, p. 21-26 (2007).**
01. Malaviarachchi, S. and Takasu, A. Petrographic study on the high-grade metamorphic rocks from the Highland and Kadugannawa Complexes, central Sri Lanka. ***Geoscience Reports of Shimane University, Japan no. 24, p. 31-46 (2005).***

c) Conference Papers

01. Sanjeewa P K Malaviarachchi, H.M.D.A.H. Bandara, P.L. Dharmapriya, M Satish-Kumar, 2018a Geochemical constraints on origin and evolution of the Vijayan Complex, Sri Lanka and its role in Gondwana formation. Japan Geosciences Union-AGU Joint Meeting, Tokyo, Japan.
02. Eri Hirayama, Toshiaki Tsunogae, Yusuke Takamura, Yukiyasu Tsutsumi, Sanjeewa Malaviarachchi, Yuki Nishimiya, 2018b. U-Pb zircon geochronology of partially-melted granulites from the Wannu Complex, Sri Lanka: implications for the timing and duration of high-grade metamorphism. Japan Geosciences Union-AGU Joint Meeting, Tokyo, Japan.
03. Momoko Shirakawa, Madhusoodhan Satish-Kumar, Sanjeewa P.K Malaviarachchi. 2018c. Younging direction of carbonate depositional age in Highland Complex,

- Sri Lanka: Implications for Gondwana amalgamation tectonics. Japan Geosciences Union-AGU Joint Meeting, Tokyo, Japan.
04. Sanjeewa PK Malaviarachchi, PL Dharmapriya and HMDAH Bandara, 2017. Analysis of Platinum Group Elements and Gold in high grade mafic gneisses of Sri Lanka: Implications for mineralizations. Int. symposium of National Institute of Polar Research (NIPR), Tokyo, Japan.
 05. Momoko Shirakawa, M. Satish-Kumar, Sanjeewa PK Malaviarachchi, 2017. Tectonic evolution of Sri Lanka based on isotope geochemistry of meta-carbonate rocks. Int. symposium of National Institute of Polar Research (NIPR), Tokyo, Japan.
 06. Bandara, H.M.D.A.H. and Sanjeewa.P.K. Malaviarachchi. 2017. Petrology of Charnockites, Northern Sri Lanka. Proceedings of the 33rd Technical Session of Geological Society of Sri Lanka, Peradeniya, 2017.
 07. Dharmapriya, P. L., Sanjeewa P.K. Malaviarachchi , Andrea Galli , Leo Kriesman, Bhattacharya S. Osanai, Y, Sajeev, K, Tsunoge. T. 2016. Petrogenesis and Fluid Characteristics of Sapphirine Granulites of the Highland Complex, Sri Lanka. Annual Conference of International Association for Gondwana Research, Trivandrum, India.
 08. Wijeratne, A.M.G.K. and Malaviarachchi, S.P.K. 2016. Petrology, Geochemistry and In-situ Zircon and Titanite Geochronology of Pottuvil Charnockites, Sri Lanka. Proceedings of the Annual Technical Sessions, Geological Society of Sri Lanka, Colombo, Sri Lanka.
 09. Bandara H.A.A.I.S. and Malaviarachchi, S.P.K. 2016. Petrological, Geochemical and In-situ Titanite Dating Results of Calc-Silicate Granulites from Southwestern Highland Complex, Sri Lanka. Proceedings of the Annual Technical Sessions, Geological Society of Sri Lanka Colombo, Sri Lanka.
 10. Dharmapriya, P.L. Malaviarachchi, Sanjeewa P.K. Sajeev, K., Zhang, Chengli , Subasinghe, N.D, and Dissanayake C.B. 2016. New Zirconology Data from the Highland Complex, Sri Lanka. Proceedings of the Annual Technical Sessions, Geological Society of Sri Lanka Colombo, Sri Lanka.
 11. Malaviarachchi, Sanjeewa P.K. 2015. Hidden evidence for sulphide saturation in the Highland Complex: a pioneering study on geochemistry of platinum group elements and gold in Sri Lankan rocks. 12th International Conference on Gondwana to Asia 21-23 October 2015, Tsukuba, Japan, IAGR Conference Series No. 21, pp. 74.
 12. Shirakawa, M., Otsuji, N., Satish-Kumar, M., Malaviarachchi S.P.K., 2015. Carbon, oxygen and strontium isotope geochemistry of metacarbonate rocks in the Highland Complex, Sri Lanka. National Institute for Polar Research, Tokyo, Japan.
 13. Dharmapriya, P.L., Malaviarachchi, S.P.K., 2014. Inconsistency of using spinel + quartz as a diagnostic assemblage for ultra-high temperature metamorphism: Implications from P/T pseudosections and conventional geothermobarometry.

Postgraduate Institute of Science (PGIS) Research Congress, 10-11th of October, Peradeniya, Sri Lanka.

14. Dharmapriya, P.L., Malaviarachchi, S.P.K., Subasinghe, N.D., Dissanayake, C.B., 2014. P-T Evolution of Garnet-Sillimanite Granulites with Corundum Inclusions from the Highland Complex, Sri Lanka. Proceedings of the 28th Annual Sessions Geological Society of Sri Lanka, 28th February, Colombo, Sri Lanka.
15. Dharmapriya, . P. L., Galli, A., Malaviarachchi, S. P. K., Su, B., Subasinghe, N. D., Dissanayake, C. B., Nimalsiri, T. B. and Zhu. B. 2014. A natural field example indicating spinel + quartz as a non-diagnostic assemblage for ultrahigh temperature metamorphism from the Highland Complex, Sri Lanka. Geophysical Research Abstracts, V.16, European Geoscience Union (EGU) General Assembly.
16. Dharmapriya, P. L., Galli, A., Malaviarachchi, S. P. K., Su, B. 2014. Formation of garnet + corundum during isobaric cooling at UHT conditions: an example from pelitic granulites of the Highland Complex, Sri Lanka, Geophysical Research Abstracts, European Geoscience Union (EGU) General Assembly.
17. Malaviarachchi, S.P.K. 2013. Revisiting Magmatic rocks of Sri Lanka. Scientific Assembly of International Association of Volcanology and Chemistry of the Earth's Interior, July 20-24, Kagoshima, Japan.
18. Dharmapriya, P.L. and Malaviarachchi, S.P.K., 2013. Petrographical Evidence for Ultra High Temperature Metamorphism from Sapphirine-bearing Granulites; the Central Highland Complex Sri Lanka. Proceedings of AGU Meeting of America, 14-17th of May, Cancun, Mexico.
19. Dharmapriya, P.L. and Malaviarachchi, S.P.K., 2013. Curious Symplectitic Textures Associated with Khondalite; The Central Highland Complex, Sri Lanka, Proceedings of the 30th Annual Sessions of the Geological Society of Sri Lanka 22nd February, Institute of Fundamental Studies, Kandy Sri Lanka.
20. Dharmapriya, P.L., Malaviarachchi, S.P.K., Subashighe, N.D. and Dissanayaka, C.B., 2013. Orthopyroxene-Sillimanite-Quartz Assemblage in Sapphirine Granulites; Sign for Ultrahigh Temperature Metamorphism in the Central Highland Complex, Extended abstract. Annual Sessions of the Geological Society of Sri Lanka 22nd February, Institute of Fundamental Studies, Kandy, Sri Lanka.
21. Dharmapriya, P.L. and Malaviarachchi, S.P.K., 2013. Multiple modes of orthopyroxene-sillimanite-quartz assemblage in ultra high temperature pelitic granulites from the central Highland Complex, Sri Lanka, Proceedings of Granulites and Granulites-2013, 16-20th January 2013, Hyderabad, India.
22. Jayawickrema, E.G and Malaviarachchi S.P.K., 2013. Textural implications of Ultra High Temperature Metamorphism in the Highland Complex of Sri Lanka. Proceedings of the 29th Annual Sessions Geological Society of Sri Lanka 24th February, Colombo, Sri Lanka, p 41-44.

23. Dharmapriya, P.L. and Malaviarachchi, S.P.K., 2012. Petrographical Evidence for Ultra High Temperature (UHT) Metamorphism of Pelitic and Mafic Rocks from the Central Highland Complex, Sri Lanka, Proceedings of Jaffna University International Research Conference, 20th June, Jaffna, Sri Lanka.
24. Dharmapriya, P.L., Malaviarachchi, S.P.K., Subashighe, N.D., Dissanayaka, C.B., 2012. Textural evidence for UHT metamorphism in Sri Lankan granulites: Preliminary Results, Proceedings of the 29th Annual Sessions Geological Society of Sri Lanka 24th February, Colombo, Sri Lanka.
25. Nakamura, E., Malaviarachchi, S.P.K., Makishima, A, Tanimoto, M and Kuritani, T, 2008. Isotopic (Pb-Nd-Hf) evidence for a hidden extremely depleted mantle domain from the Horoman peridotite massif, Japan. *Chapman conference on shallow mantle composition and dynamics - 5th international orogenic lherzolites conference, American Geophysical Union, September 2008, California, USA.*
26. Malaviarachchi, S.P.K., Makishima, A. and Nakamura, E, 2008. Existence of the Earth's depleted mantle: Implications from isotopic and trace element systematics of residual orogenic peridotites. *The 3rd COE International Symposium MISASA III "Origin, Evolution and dynamics of the Earth", 21-23 March, 2008, Misasa, Japan.*
27. Malaviarachchi, S.P.K., Makishima, A. and Nakamura, E, 2007, Unusually high element abundances in residual peridotites: Implications for mantle-melt interactions at a Mid Oceanic Ridge. *Goldschmidt Conference 17th Annual Meeting, August 19-24 2007, Cologne, Germany.*
28. Malaviarachchi, S.P.K. and Takasu, A., 2006, Petrology of some pelitic and mafic granulites: evidence for high-pressure granulite facies metamorphism of meta igneous granulites from the central Highland Complex, Sri Lanka. *The 2nd Misasa International Symposium (Misasa II), 25-26 February 2006, Kurayoshi, Japan.*
29. Malaviarachchi, S and Takasu A, 2005, Petrography and mineral chemistry of metamorphosed pelitic, intermediate and mafic rocks from Sri Lanka. *Annual meeting of the Western Japan Branch of the Geological Society of Japan, June 2003, Matsue, Japan.*
30. Dharmagunawardhane, H.A and Malaviarachchi, M.A.S.P.K., 2002: Discovery of another Gondwana basin in Northwest of Sri Lanka – Preliminary findings. *Annual Technical Sessions of the Geological Society of Sri Lanka, February 2002, Colombo, Sri Lanka.*
31. Malaviarachchi, M.A.S.P.K. and Dharmagunawardhane, H.A, 2001: Use of Cyclogram technique for interpretation of water supply borehole data: a case study from Polonnaruwa District, Sri Lanka. *Annual Research Sessions, University of Peradeniya, Sri Lanka, January 2001, Peradeniya, Sri Lanka.*

(d) Chapters and Books of Scholarly Work published

- 1) Name of Book: Pan African Metamorphic Rocks of Sri Lanka: Basic Petrology
 SBN: 978-3-659-96989-8
 Publisher: Lambert Academic Publishing, Germany
- 2) Book Chapter: Malaviarachchi, S.P.K. Petrological Evolution of the Highland Complex: Implications from meta-pelites
 Book: Recent Contributions to the Geology of Sri Lanka-Special Publication 10
 Editors: L.V. Ranaweera and L.R.K. Perera
 Publisher: Geological Society of Sri Lanka
 Year: 2014; ISBN: 978-955-8794-02-9
- 3) Book Chapter: Malaviarachchi, S.P.K. Geological Structures along the Wannu and Highland Complex boundary, central Sri Lanka
 Book: Guidebook on Field Geology Workshop – Special Publication 11
 Editor: Sanjeewa P.K. Malaviarachchi
 Publisher: Geological Society of Sri Lanka
 Year: 2016; ISBN: 978-955-8794-03-6

(e) Editing of Collections of Essays and Books

- 1) Title of the Collection of Essays: Geoscience for National Development - Proceedings of the 33rd Annual Technical Sessions of the Geological Society of Sri Lanka
 Role: Joint Editor (Contribution – 50%)
 Publisher: Geological Society of Sri Lanka
 Year: 2017; ISSN: 2362-0420
- 2) Title of the Collection of Essays: Hantana Vision – Research Magazine of University of Peradeniya
 Role: Editorial Board Member (Contribution – 20%)
 Publisher: University of Peradeniya
 Year: 2016, Vol. 01-Issue 01; ISSN: 2448-9670
- 3) Title of the Collection of Essays: Hantana Vision – Research Magazine of University of Peradeniya
 Role: Editorial Board Member (Contribution – 20%)
 Publisher: University of Peradeniya
 Year: 2016, Vol. 01-Issue 02; ISSN: 2448-9670
- 4) Title of the Collection of Essays: Hantana Vision – Research Magazine of University of Peradeniya
 Role: Editorial Board Member (Contribution – 20%)
 Publisher: University of Peradeniya
 Year: 2017, Vol. 02-Issue 01; ISSN: 2448-9670

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| 5) | Title of the Collection of Essays: Journal of the Geological Society of Sri Lanka
Role: Joint Editor (Contribution – 50%)
Publisher: Geological Society of Sri Lanka
Year: 2017, Vol. 18-Issue 01; ISSN: 1391-3786 |
| 6) | Title of the Book: Structures along the Highland-Wanni Complex Bounadary, Central Sri Lanka
Role: Editor; Publisher: Geological Society of Sri Lanka
Year: 2016, Special Publication No. 11; ISBN: 978-955-879403-6 |
| 7) | Title of the Collection of Essays: Newsletter of the Geological Society of Sri Lanka
Role: Joint Editor (Contribution – 50%)
Publisher: Geological Society of Sri Lanka
Year: 2016, Vol. 01; ISSN: 1391-3378 |
| 8) | Title of the Collection of Essays: Newsletter of Geological Society of Sri Lanka
Role: Joint Editor (Contribution – 50%)
Publisher: Geological Society of Sri Lanka
Year: 2016, Vol. 02; ISSN: 1391-3378 |

INVITED TALKS

1. Presentation representing the Observer Countries at the Annual General Meeting of Asian Forum for Polar Sciences, Jeju, S. Korea (2015)
2. Presentation representing the Observer Countries at the Annual General Meeting of Asian Forum for Polar Sciences, Incheon, S. Korea (2016)
3. Invited presentation at MISASA IV International Symposium, 24-26, Feb, 2012, Misasa, Japan
4. Presentation at International Colloquium, Kyushu University, Japan, 14-17, 2014
5. RSES Seminar, at Research School of Earth Science (RSES), The Australian National University, Canberra. 04th November, 2010
6. Presentation at Conference on Water, Mineral and Energy Resources, Karachi, Pakistan, 5-8th October, 2013
7. Invited Presentation at Chinese Academy of Science, Beijing. 30th June, 2014
8. Invited presentation on Scientific discussions for Indo-Sri Lanka Joint Research, 14th July 2014
9. Invited talk on Research prospects and Collaboration, Niigata University, Japan, 10th April, 2016

ORATIONS AT ACADEMIC AND PROFESSIONAL BODIES

Invited Oration at National Institute of Fundamental Studies, Kandy, Sri Lanka
Title: Earth's High Temperature Lowercrust exposed in Sri Lanka

COMMISSIONED REPORTS FOR NATIONAL/INTERNATIONAL BODIES**1) Title of the Report:**

GEOLOGY OF THE UMA OYA MULTIPURPOSE DEVELOPMENT PROJECT AREA: At Chainage from 8+000 to 12+000

Submitted to: Ministry of Environmental and Mahaweli Development, Sri Lanka

Year: December, 2015

Contribution: 100%

2) Title of the Report:

Geological Report on Recent Landslides and Future Disaster Risk Management relevant to Presidential Special Task Force on Disaster Management

Submitted to: Ministry of Disaster Management, Sri Lanka

Year: August, 2016

Contribution: 100%

3) Title of the Report:

National Policy on Mineral Resources for Sri Lanka

Submitted to: Ministry of Science, Technology and Research, Sri Lanka

Year: December, 2016

Contribution: 30%

4) Title of the Report:

Identification of suitable lands for resettlement of Aranayake Landslide Victims

Submitted to: District Secretariat, Kegalle, Sri Lanka

Year: July, 2016

Contribution: 50%

CONTRIBUTIONS AS RESOURCE PERSON

- Resource Person (2011): Workshop on Earth Science for Schools, North central province, Department of Provincial Education, Anuradhapura, Geological Society of Sri Lanka
- Resource Person (2013): Faculty Development Workshop of PGIS.organized by the Asian Disaster Preparedness Centre
- Resource Person (2016): Workshop on Scientific writing, Postgraduate Institute of Science, University of Peradeniya
- Resource Person (2016): Are you ready workshop, Geological Society of Sri Lanka
- Resource Person (2016): Field Workshop 2016, Geological Society of Sri Lanka
- Resource Person (2016): Workshop on Scientific writing, Postgraduate Institute of Science, University of Peradeniya
- Resource Person (2016): Workshop on Earth Science for Schools, North Western Province, Teacher Training Institute, Wariyapola, Geological Society of Sri Lanka

- Resource Person (2016): Workshop on Earth Science for Schools, Central Province, University of Peradeniya. Geological Society of Sri Lanka
- Resource Person (2014): Workshop on Earth Science for Schools, North Western province, Teacher Training Institute, Wariyapola, Geological Society of Sri Lanka
- Resource Person (2012): Workshop on Earth Science for Schools, Northern province, Department of Provincial Education, Jaffna, Geological Society of Sri Lanka
- Resource Person (2011): Workshop on Earth Science for Schools, North central province, Department of Provincial Education, Anuradhapura, Geological Society of Sri Lanka
- Resource Person (2014): Field excursion on Recent advancements of the Geology of Sri Lanka, Geological Society of Sri Lanka
- Resource Person (2013): Gemmology Workshop for undergraduates, Gemmological Association of Sri Lanka and Department of Geology, University of Peradeniya
- Resource Person (2013): Workshop on Earth Science for Schools, Sabaragamuwa province, Sabaragamuwa University, Geological Society of Sri Lanka
- Resource Person (2013): Faculty Development Workshop of PGIS organized by the Asian Disaster Preparedness Centre

MEMORANDUMS OF UNDERSTANDING (MOU) – At national and international level

I initiated in formulating following Memorandums of Understanding (MOU) to strengthen the research capacity between the University of Peradeniya and the respective Universities/Institutes.

- MOU between the Department of Geology and Faculty of Science, Kyushu University, Japan
- MOU for Double Degree programme between the Faculty of Science, University of Peradeniya and Graduate School of Science and Technology, Niigata University, Japan (In progress)
- MOU between the Department of Geology, University of Peradeniya and the National Institute of Fundamental Studies (NIFS), Sri Lanka

INTERNATIONAL COLLABORATIONS

- Collaborative project with Prof. M. Satish Kumar, Nigata University, Japan to investigate geochemistry on Vijayan Complex of Sri Lanka and Stable isotope geochemistry of Sri Lankan marble and calcite

- Collaborative project with Prof. T. Tsunogae, University of Tsukuba, Japan to study petrology of granulites of Sri Lanka
- Collaborative project with Prof. Y. Osanai, University of Kyushu, Japan to investigate petrology and geochronology of ultra high temperature metamorphic rocks of Sri Lanka
- Collaborative study with Prof. Geoff Grantham, University of Johannesburg, South Africa to study structural Kinematics of Sri Lanka and its correlation with east Gondwana
- Collaborative project with Prof. Sajeew Krishnan, Indian Institute of Science, Bangalore, India to further study and compare Geology of Sri Lanka and Southern India
- Collaborative project with Assoc. Prof. B. Su of the Chinese Academy of Sciences, Beijing, China for Zircon Geochronology of Sri Lankan rocks.
- Collaborative project with Prof. M. Santosh, China University of Geoscience, Beijing, China for understanding geology and tectonics in the Gondwana setting.

COMPETITIVE RESEARCH FUNDS RECEIVED

YEAR	PROJECT	FUNDING ORGANIZATION	AMOUNT
2017/2018/2019	Probing the provenance and distribution of heavy – mineral placer deposits in coastal areas of Southern India and SW Sri Lanka; A new multi-mineral proxy approach to understand source-to-sink link	Ministry of Science and Technology, Sri Lanka and Department of Science and Technology, India	12 Million LKR
2016/2017/2018	Identifying Mineral Deposits by Analyzing Platinum Group Elements, Copper and Gold in Sri Lankan Rocks.	National Research Council, Sri Lanka	5 Million LKR
2014/2015/2016	High-temperature lower crust of East Central Gondwana: Emphases to southern Indian and Sri Lankan Geology	Ministry of Technology and Research, Sri Lanka	3.6 Million LKR
2012/2013	Study of Platinum Group Elements, Au and Cu in mafic igneous rocks of Sri Lanka	University of Peradeniya, Sri Lanka	400,000 LKR
2011/2012/2013	Petrology, geochemistry and geochronology of the ultra-high temperature metamorphic rocks from Sri Lanka	National Research Council, Sri Lanka	3.3 Million LKR
2009/2010	Platinum Group Element geochemistry of ilmenite and magnetite series granites from south western Japan	Australian Research Council	Post Doctoral Research Fellowship
2005-2008	Petrology and geochemistry of Horoman peridotite massif, Japan	21 st Century COE, MEXT, Japan	Research scholarship for PhD
2003-2005	Petrology of metamorphic rocks from Sri Lanka	MEXT, Japan	Monbukagakusho Scholarship for MSc

PARTICIPATION IN PROFESSIONAL TRAINING PROGRAMS

- ‘Effective research higher degree supervision practices’ organized by the University Grants Commission, Sri Lanka (2016)
- Basin analysis training programme, University of Peradeniya (2016)
- Workshop on Student centered learning organized by the Staff Development Centre, University of Peradeniya (2016)
- Petroleum Exploration workshop organized by the Geological Society of Sri Lanka and Petroleum Research and Development secretariat (2016)
- Workshop on Geological Structures, Geological Society of Sri Lanka and Department of Geology, University of Peradeniya (2016)
- Short Course on Geochronology, Centre for Earth Sciences, Indian Institute of Science (2015)
- Training on “Petroleum prospect generation and exploration”, Petroleum Development Secretariat and Cairns International, Sri Lanka. March, 2014
- “Training on Small Hydropower Technology”, Asia Pacific centre for Small Hydropower, Hangzhou, China. July, 2012.
- "Quality Assurance in Analytical Geochemistry", (Goldschmidt workshop) at the University of Cologne, Germany, organized by the International Association of Geoanalysts (IAG), August, 2007
- “Practical Applications of Geology”, organized by the National Building Research Organization, Sri Lanka and the Centre for Housing Planning and building, Sri Lanka, August, 2000

ADMINISTRATIVE EXPERIENCE

- Acting Head, Department of Geology, University of Peradeniya (short term, time to time)
- Member of Technical Evaluation Committees of the University of Peradeniya
- Member of the Disciplinary Committee of the Faculty of Medicine, University of Peradeniya
- Member of the staff selection Committees, University of Peradeniya
- Member of the Departmental Board of Survey, University of Peradeniya
- Member of Convocation Committee, University of Peradeniya
- Member of Library Committee, University of Peradeniya
- Member of Curriculum Development Committee, University of Peradeniya

- Member of organizing Committee of Diamond Jubilee Science Exhibition of the University of Peradeniya
- Member of organizing Committee of Research Congress of the PGIS, University of Peradeniya
- Committee member in coordinating Erasmus Mundus programme (European Union) of PGIS, University of Peradeniya
- Member of Staff-Student Consultation Committee, University of Peradeniya
- Coordinating the Inauguration for New Entrants to Faculty of Science-2017
- Executive Committee Member, Geological Society of Sri Lanka (2016)
- Member of University of Peradeniya Alumni Association and Science Alumni Association.
- Organizing various exchange academic activities with international experts to uplift academic strength of the Department of Geology, University of Peradeniya
- Member of Advisory Committee to the Technical Sessions of the Geological Society of Sri Lanka – 2016
- Editing Journal of the Geological Society of Sri Lanka, Editing Newletters and maintaining society web site

CURRICULUM PLANNING AND DEVELOPMENT

I have involved in the following activities:

- Revision of the Geology curriculum, Department of Geology, University of Peradeniya
- Curriculum planning in the Faculty of Science, University of Peradeniya
- Serving as a Moderator to the Faculty of Applied Science, Sabaragamuwa University of Sri Lanka to improve the quality of question papers
- Serving as a Moderator, Institute of Chemists, Sri Lanka
- Serving in deferent academic committees (Coordinator- MSc in Gemmology, Coordinating Committee, Member and Secretary-Board of Study in Earth Sciences) contributing actively in discussions on curricula of other MSc courses and developing and maintaining standards of the related MSc programmes of Postgraduate Insitute of Science, University of Peradeniya.
- Preparation of the syllabus for MSc in petroleum Geology, Postgraduate Institute of Science, University of Peradeniya

Development of new material for existing courses:

- 1) Preparation of lecture notes/course materials in Geology for undergraduates in the following courses:

GL 205: Introductory Petrology
 GL 208: Field Techniques in Geology
 GL 203: Economic and Resource Geology
 GL 301: Introduction to Structural Geology and Tectonics
 GL 315: Advanced Economic Geology
 GL 411: Advanced Structural Geology

- 2) Introduction of current knowledge on Gemmology and Gem Industry and initiation of Gemmology Research Scholarship at undergraduate level
- 3) Preparing materials for delivering effective higher degree supervision practices to undergraduates

LABORATORY PLANNING AND DEVELOPMENT

- Planning and restructuring the petrology laboratory introducing a Photomicroscopy facilities.
- Developed the Rock cutting/thin section laboratory installing new lapidary equipment
- Serving in Technical Evaluation Committees for selecting/purchasing laboratory equipment/consumables
- Development of Petrology Lab at the National Institute of Fundamental Studies, Sri Lanka for collaborative studies
- Developing sample preparation techniques for geochemisty and geochronology at the Dept. of Geology, University of Peradeniya

<p>COORDINATOR OF A CENTRE/UNIT /PROGRAMME</p> <ol style="list-style-type: none"> 1) Departmental Coordinator – Science Education Resource Centre, Faculty of Science, University of Peradeniya (From 2013 to 2016) 2) Deputy Coordinator – Applied Science Programme Unit, Faculty of Science, University of Peradeniya (Since 2015-2017) 3) Coordinator – MSc in Gemmology Programme, Postgraduate Institute of Science, University of Peradeniya From 2013 to 2016
<p>STUDENT COUNSELLOR</p> <p>Senior Student Counsellor – Faculty of Science, University of Peradeniya From 2012 to 2017</p>
<p>MEMBERSHIP OF COUNCILS, BOARDS OF MANAGEMENT (NON EX-OFFICIO POSTS)</p> <ol style="list-style-type: none"> 1) Member of Board of Study in Earth Science, Postgraduate Institute of Science, University of Peradeniya - From August, 2016 to December, 2017 2) Member of Coordinating Committee, Postgraduate Institute of Science, University of Peradeniya From April, 2016 to December, 2017 3) Member of Board of Directors, Gem and Jewellery Training and Research Institute, Sri Lanka From August, 2016 to December, 2017 4) Member, Audit and Management Committee, Gem and Jewellery Training and Research Institute From August, 2016 to December, 2017
<p>OFFICE BEARER OF A PROFESSIONAL/ACADEMIC ASSOCIATION</p> <ol style="list-style-type: none"> 1) Secretary, Geological Society of Sri Lanka From Year 2013/14 to Year 2014/15 2) Secretary, Board of Study in Earth Science, Postgraduate Institute of Science, Univ. of Peradeniya - From August, 2016 to October, 2017
<p>MEMBER OF NATIONAL/INTERNATIONAL COMMITTEES</p> <ol style="list-style-type: none"> 1) Position: Member Task Force: Special Presidential Task Force on Disaster Management, Presidential Secretariat, Sri Lanka 2016 to 2018 2) Position: Member National/Int. Committee: National Committee on Formulation of Mineral

Policy, Ministry of Science, Technology and Research, Sri Lanka
2016 to 2018

3) Position: Member

National/Int. Committee:

Sri Lanka Earth Science Olympiad Committee, Geological Society of Sri Lanka
2015 to 2018

4) Position: Steering Committee Member

International Committee:

International Association of Gondwana Research
2014 to 2018

OTHER CONTRIBUTIONS AT NATIONAL/INTERNATIONAL LEVEL

1) Position: Coordinator

Committee/Assignment:

Earth Science for Schools Programme, Northern Province, Jaffna (2012)
Geological Society of Sri Lanka

2) Position: Coordinator

Committee/Assignment:

Earth Science for Schools –Programme, Central Province, Peradeniya (2016)
Geological Society of Sri Lanka

3) Position: Member

International Committee:

Asian Forum for Polar Science (AFoPS)
2015 and 2016

4) Position: Member

Committee/Assignment:

Institute of Geology, Sri Lanka (since 2016)
Geological Society of Sri Lanka (since 2001)

5) Position: Member

Committee/Assignment:

Panel of Interview for Selection of Senior Research Officers to the Gem and Jewellery Training and Research Institute, Sri Lanka

6) Position: Coordinator

Committee/Assignment:

33rd Annual Technical Sessions, Geological Society of Sri Lanka.

7) Position: Session Chair

Committee/Assignment:

Peradeniya University International Research Sessions 2014

8) Position: Session Chair

Int.Committee/Assignment:

<p>Peradeniya University International Research Sessions 2015</p> <p>9) Position: Session Chair Int. Committee/Assignment: Peradeniya University International Research Sessions 2016</p> <p>10) Position: Session Chair Int. Committee/Assignment: Annual Convention of the International Association for Gondwana Research</p> <p>11) Position: UniversityCoordinator Committee/Assignment: National Workshop of Stakeholders, National Science and Technology Commission, Sri Lanka</p> <p>12) Position: Steering Committee Member Int. Committee/Assignment International Association of Gondwana Research (IAGR)</p> <p>13) Position: Reviewer Int. Committee/Assignment PGIS Research Congress, University of Peradeniya</p> <p>14) Position: Reviewer Int. Committee/Assignment 30th Technical Sessions of the Geological Society of Sri Lanka</p>
<p>OFFICE BEARER IN A UNIVERSITY UNION/ ASSOCIATIONS</p> <p>1) Treasurer – University of Peradeniya Science Teachers Association 2014/15; 2015/16</p> <p>2) President – University of Peradeniya Science Teachers Association 2016/17</p>
<p>LANGUAGE PROFICIENCY</p> <p>Sinhala (Native); English – Competent User (IELTS 7); Japanese (Competent user)</p>
<p>DECLARATION I certify that the above-mentioned details are true and correct.</p> <p>Signature : Date: 18.12.2018</p>