**CURRICULUM VITAE**

**Rohana Chandrajith**

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|  | **Brief Personal Statement**   * Working as a professor at the University of Peradeniya, Sri Lanka, with over 30 years of experience in teaching and research. * Mainly involved in research in the field of environmental geochemistry with a particular interest in bridging chemical, biological and geological sciences to address multi-faceted environmental problems, including hydrochemistry and medical geology. * Current projects include freshwater geochemistry, the application of isotopes in low-temperature geochemical processes, the investigation of environmental relationships with human and animal health, and the reconstruction of the Holocene climate using geochemical markers. * P**ublished over 185 research papers** in well-reputed international journals and written 3 books and 9 book chapters with the current **Google H-Index of 43** (as 31.05.2025). * Co-author of the book titled “Introduction to Medical Geology”, published by Springer, Germany. * Recipient of the prestigious **Georg Forster Research Award** from Alexander von Humboldt Foundation Germany (2022). * Fellow of National Academy of Sciences, Sri Lanka. * **Fellow of the World Academy of Science (TWAS)** |

**1. PERSONAL INFORMATION**

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| **Full Name** | Rajapaksha Liyanarachchige Rohana Chandrajith  (Rajapaksha L.R. CHANDRAJITH) | |
| **Gender** | Male | |
| **Date and Place of Birth** | 1963 June 10 (Gampaha, Sri Lanka) | |
| **Citizenship** | Sri Lankan | |
| **Passport No.** | N9892785 | |
| **Present Addresses** |  | |
|  | **Office:**  Department of Geology  University of Peradeniya  Peradeniya, Sri Lanka  Telephone (office): +94-81-2394218;  Mobil: +94-77-7812392  Fax: +94-81-2388018 (attention: Name)  Email: rohanac@sci.pdn.ac.lk | **Home:**  C-54, University Quarters, Augusta Hill  20400 Peradeniya, Sri Lanka  Telephone (home): +94-81-2386319;  Mobil: +94-77-7812392  Email: rohanac@hotmail.com |

**2. Career Summary**

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| 1988 | Completed the BSc degree in Geology |
| 1988-1990 | Trainee Geologist at National Aquatic Research Agency- Sri Lanka |
| 1990-1992 | Assistant Lecturer- University of Peradeniya, Sri Lanka |
| 1992-1994 | MSc student - Shimane University, Japan |
| 1994-1996 | Lecturer- University of Peradeniya, Sri Lanka |
| 1996-1999 | PhD Student –University of Erlangen-Nürnberg, Germany |
| 1999-2002 | Senior Lecturer- Sabaragamuwa University of Sri Lanka |
| 2002-2008 | Senior lecturer- University of Peradeniya, Sri Lanka |
| 2006-2007 | George Foster Research Fellowship, Germany |
| 2008-2016 | Professor in Geology, University of Peradeniya, Sri Lanka |
| 2016- to date | Senior Professor in Geology, University of Peradeniya, Sri Lanka |
| 2022-2023 | George Forster Research Award, and visiting Professor, University of Erlangen-Nürnberg, Germany |

**3. EDUCATION BACKGROUND**

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| **Degree** | **Date Obtained** | **Date enrolled** | **Institution** | **Study area (Major)** |
| PhD. | 1999.06.19 | 01.09.1996 | Friedrich-Alexander University of Erlangen-Nürnberg, Germany | Geochemistry |
| M.Sc. | 26.09.1994 | 01.10.1992 | Shimane University, Japan | Chemistry |
| B.Sc. | 19.09.1988 | 02.01.1984 | University of Peradeniya, Sri Lanka | Geology |

**4. PROFESSIONAL QUALIFICATIONS/FELLOWSHIPS**

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| \* | Fellow of the World Academy of Science (TWAS) |
| \* | Fellow of National Academy of Sciences, Sri Lanka. |
| \* | Fellow of the Institute of Geology, Sri Lanka. |

**5.** **CURRENT POSITION**

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| 12.09.2008 to date | Senior Professor in Geology |

**6.** **PREVIOUS ACADEMIC POSITIONS**

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| **from** | **To** | **Position** | **Reason for leaving** |
| 2008 Sept. | 2016 Sept | **Professor in Geology**  University of Peradeniya | Promoted |
| 2002 Oct. | 2008 Sept. | **Senior Lecturer**- II  University of Peradeniya Sri Lanka | Promoted |
| 1999 Dec. | 2002 Sept. | **Senior Lecturer-**  Sabaragamuwa University of Sri Lanka | Resign and accept the position at the University of Peradeniya |
| 1994 Oct | 1995 Sep. | **Lecturer**  University of Peradeniya Sri Lanka | resigned |
| 1990 | 1992 | **Assistant Lecturer**  University of Peradeniya Sri Lanka | To accept the MSc position at Shimane University, Japan |

**7. AWARDS, PRIZES, FELLOWSHIPS AND HONOURS**

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| 2022 | Georg Forster Research Award from Alexander von Humboldt Foundation (Germany). |
| 2019 | Alexander von Humboldt Research Fellowship (Germany); |
| 2018 | Committee of Vice-chancellors and Directors (CVCD) Excellence award -Most Outstanding Senior Researcher in Sri Lanka in Physical Sciences (lifetime award). |
| 2018 | National Awards for Science & Technology Achievements for Excellence in international collaboration for the advancement of S&T (National Science Foundation, Sri Lanka). |
| 2016 | Ananda Coomaraswamy Medal from the Geological Society of Sri Lanka (awarded considering the contributions to the advancement of the geology of Sri Lanka). |
| 2012 | National Research Council, Sri Lanka Merit Award for Scientific Publications. |
| 1999-2018 | The President’s Research Award (Sri Lanka) 12 times from 1999 to 2018. |
| 2006-2007 | Georg Forster Research Fellowship from Alexander von Humboldt Foundation (Germany). |

**8. RESEARCH FUNDING**

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| --- | --- | --- | --- |
| **Year** | **Granting Agency** | **Project title** | **Grant Value** |
| 2004-06 | National Science Foundation, Sri Lanka  (Principal Investigator) | *Water quality variation in tank cascade irrigation system: does a segment of flow through Thawalla act as a constructed wetland?* | US$ 9,000 |
| 2005-06 | Department of Wildlife Conservation, Sri Lanka  (Co-Investigator) | *Seasonal variation in the water quality and availability and aquatic faunal and floral diversity in Yala and Wilpattu National Parks.* | US$ 16,000 |
| 2005-06 | Department of Wildlife Conservation, Sri Lanka  (Co-Investigator) | *Follow-up study of forest dieback in Horton Plains National Park.* | US$ 15,000 |
| 2004-06 | Department of Wildlife Conservation, Sri Lanka  (Co-Investigator) | *Assessment of water quality in the water bodies of Bundala National Park and evaluation of its impact on micro and Macrofauna.* | US$ 17,750 |
| 2008 | Alexander von Humboldt Foundation, Germany | *Equipment Grant to purchase an Atomic Absorption Spectrophotometer.* | Euro 40,400 |
| 2011-12 | IUCN/GEF- Mangroves for Future (MFF)  (Principal Investigator) | *Groundwater vulnerability assessment in the Panama coastal aquifer* system. | US$ 3,340 |
| 2012-13 | IUCN/GEF- Mangroves for Future (MFF)  (Principal Investigator) | *Spatial and temporal variation of water quality of the Panama Lagoon.* | US$ 5,513 |
| 2013-16 | Swedish Research Council -Swedish Research Links Programme | *Monsoon variability and its impact on terrestrial ecosystems in Sri Lanka during the Holocene.* | *US$ 10,7000* |
| 2013-16 | National Research Council (NRC) –Sri Lanka | *Chemicogeography of selenium in Sri Lanka.* | US$ 60,000 |
| 2013-16 | University Research Grant  (Principal Investigator) | *Biomineralogical characterization of urinary stones based on composition, morphology, mineralogy, and microstructures.* | US$ 17,800 |
| 2014-16 | Metrohm AG (Switzerland) | *Voltammeter (Metrohm Model- 797 VA Computrace with a scTRACE Gold electrode).* | US$ 20,000 |
| 2014-18 | National Research Council Sri Lanka (NRC TO 14-05)  (Principal Investigator) | *A comprehensive investigation on chronic kidney diseases of uncertain etiology in the Dry Zone of Sri Lanka.* | US$ 352,000 |
| 2015-17 | Alexander von Humboldt Foundation, Germany | *Chemical and Isotope Evidence for Hydro- geochemical Processes in the Karstified Miocene Limestone Aquifers in Northern Sri Lanka.* | Euro 55,000 |
| 2017-19 | National Institute of Health –USA (with University of Connecticut Storrs) | *Identifying Contributing Factors to the Progression of Chronic Kidney Disease of Unknown Etiology in Sri Lanka* | US$ 358,426 |
| 2017-20 | National Science Foundation, Sri Lanka | *To identify the natural history, clinical manifestation, mortality, and morbidity of CKDu patients with two controlled groups.* | US$ 130,000 |
| 2019-22 | National Science Foundation, Sri Lanka  (NSF-NSFC collaboration) | *Assessment of aquifer quality in relation to chronic kidney disease with unknown etiology in the dry zone of Sri Lanka through integrated approach and water chemistry.* | US$ 130,000 |

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| **9. STUDENT SUPERVISION** | |
| ***Undergraduate*** | Over 40 students |
| ***Postgraduate*** | M.Sc.: 20  M.Phil.: 9  Ph.D.: 6 |

**10. SCIENTIFIC IMPACT OF RESEARCH**

**(a complete list is attached as an annexure)**

**Publications:**

Books- 1 (International Publishers)

Dissanayake CB, **Chandrajith R** (2008) Introduction to Medical Geology-Focus on Tropical Environment, Springer, Heidelberg, 297 pp (ISBN 978 642 00484-1).

2 (Local)

Book chapters - 8 (International Publishers), 1 (local Publisher).

Articles in journals (peer-reviewed publications) - >185

Research Communications- over 170 (provided upon request).

Research Gate: <https://www.researchgate.net/profile/Rohana_Chandrajith>

Google Scholar: <https://scholar.google.com/citations?user=kd7r8CUAAAAJ&hl=en>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6602466708>

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| **11. ACADEMIC REFEREES** |  |  |
| **Prof. Penny Vlahos**  Department of Marine Sciences  University of Connecticut  1080 Shennecossett Rd.  Groton, CT 06340. USA  t: 860-405-9269  E: penny.vlahos@uconn.edu  [https://env.chem.uconn.edu](https://env.chem.uconn.edu/) | **Prof. Johannes C. Bath**  Lehrstuhl für Angewandte Geologie Friedrich-Alexander-Universität Erlangen-Nürnberg GeoZentrum Nordbayern Schlossgarten 5 D- 91054 Erlangen,  GERMANY t: +49 (0)9131 8522621 f: +49 (0)9131 8529294  E: johannes.barth@fau.de  <https://www.gzn.nat.fau.de/angewandte-geologie/hydrogeologie/prof-johannes-barth-phd/> | **Prof. Joyanto Routh**  Professor and Head of Vernadsky Section  Department of Thematic Studies – Environmental Change  Linköping University 581 83 Linköping  SWEDEN  Tel: +(46)13282272;  email: joyanto.routh@liu.se  <https://liu.se/en/employee/joyro37> |