**LIST OF PUBLICATIONS**

**H-Index: 43 (Google Scholar) as of 31.05.2025**

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| **BOOKS/MONOGRAPHS** |

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| **International Publishers (**Springer, Germany) | |
| 1 | Dissanayake CB, **Chandrajith R** (2009) Introduction to Medical Geology-Focus on Tropical Environment, Springer, Heidelberg, 297 pp (ISBN 978 642 00484-1). |
| ***Local Publisher*** | |
| 2 | Dissanayake CB, **Chandrajith R** (2003) Gem-bearing stream sediments of Sri Lanka-Geology and Geochemistry Publication of the Gem and Jewellery Research and Training Institute & National Gem & Jewellery Authority Sri Lanka 121 pp (ISBN 955-9371-02-9). |
| 3 | **Chandrajith R**, Dissanayake CB (2010) Earth and Environment-A Geological Introduction. Geological Society of Sri Lanka, Peradeniya. 171 pp (ISBN 978 955 8794-01-2). |
| **BOOK CHAPTERS (International Publishers)** | |

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| 2 | Vithanage M, **Chandrajith R**, Weerasooriya R (2007) Role of natural red earth in arsenic removal in drinking water; Comparison with synthetic gibbsite and goethite. In: Bhattacharya P Mukherjee AB Zevenhoven R and Loeppert RH (eds) Arsenic in soil and groundwater; Biogeochemical Interactions- Chapter 22; ***Elsevier, The Netherlands***, pp 587-602. ISBN: 978-044451820-0 |
| 3 | Vithanage M, Mahatantila K, **Chandrajith R**, Weerasooriya R (2007) Natural red earth; an effective sorbent for arsenic removal in Natural Arsenic. In Groundwaters of Latin America – Occurrence-Health Impact –Remediation –Management, ***CRC Press/Balkema, Netherlands***, 521-525 pp. |
| 4 | Dissanayake CB, Rao CRM, **Chandrajith R** (2010) Some aspects of the medical geology of the Indian subcontinent and neighbouring regions. In: Selinus O, Finkelman RB, Centeno JA (eds.) Medical Geology-A Regional Synthesis. Chapter 7, ***Springer, Heidelberg, Germany*** (ISBN: 978-90-481-3429-8) pp. 175-198. |
| 5 | Mahatantila K, **Chandrajith R**, Jayasena HAH, Marasinghe S (2011) Water Quality variation in tank cascade irrigation systems: a case study from Malagane cascade, Sri Lanka. In: G Hüseyin, T Umut, JW LaMoreaux (Eds.) Survival and Sustainability: Environmental Concerns in the 21st Century. ***Springer, Heidelberg, Germany*** (ISBN: 978-3-540-95990-8) pp. 1345-1355. |
| 6 | Dissanayake, CB and **Chandrajith R** (2018) The Hydrogeological and Geochemical Characteristics of Groundwater of Sri Lanka. In A. Mukherjee (ed.), Groundwater of South Asia (Chapter 25) ***Springer Nature Singapore Pte Ltd.*** (ISBN: 978-981-10-3889-1) pp. 405-428. |
| 7 | **Chandrajith R** (2020) Geology and Geomorphology. In: Mapa R.B. (ed) The Soils of Sri Lanka. World Soils Book Series. Springer, Cham pp. 23-34 (DOI: 10.1007/978-3-030-44144-9\_3). |
| 8. | **Chandrajith R** and Diyabalanage S (2022) Geology and Geomorphology of northern Sri Lanka. In: Mapa R.B. (ed.) Soils of northern Sri Lanka. Sri Lanka Society of Soil Science. |
| 9. | **Chandrajith R**, Dissanayake CB, Barth JAC (2023) Geochemistry of Fluoride in the Environment and Human Health (Chapter 9). In: Prasad MNV and Vithanage M (eds) Medical Geology: En route to One Health. John Wiley & Sons, Inc., Hoboken, New Jersey. pp. 143-149. <https://doi.org/10.1002/9781119867371.ch9>. |
| 10 | **Chandrajith R,** Barth, J.A.C. (2023). Contributions to One Health Approach to Solve Geogenic Health Issues. In: One Health: Human, Animal, and Environment Triad (eds M Vithanage and MNV.Prasad). John Wiley & Sons, Inc. pp. 87-96  <https://doi.org/10.1002/9781119867333.ch7> |
| 11 | Diyabalanage S, **Chandrajith R** (2023) Chronic Kidney Disease with Uncertain Etiology in Sri Lanka: Selected Case Studies. In One Health: Human, Animal, and Environment Triad. (eds M Vithanage and MNV Prasad). John Wiley & Sons, Inc.199-210 <https://doi.org/10.1002/9781119867333.ch15> |
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| **ARTICLES IN JOURNALS (Peer reviewed publications)** | | |

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| 3 | **Chandrajith R**, Okumura M (1996) Geochemistry of Hg in sediments from Lake Biwa in Japan. *Lakes and Reservoirs: Research and Management* 2: 181-186. <https://doi.org/10.1111/j.1440-1770.1996.tb00063.x> |
| 4 | **Chandrajith R**, Dissanayake CB, Tobschall HJ (1998) A note on Buttala and Okkampitiya gem fields in Sri Lanka. *Gemmologie* 47(2): 69-76. |
| 5 | Matsunaga T, Ueno T, **Chandrajith R**, Amano H, Okumura M (1999) Cesium-137 and mercury contamination in lake sediments. *Chemosphere* 39(2): 269-283. <https://doi.org/10.1016/S0045-6535(99)00108-3> |
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| 7 | * Dissanayake CB, **Chandrajith R**, Tobschall HJ (1998) The iodine cycle in the tropical environment -Implications on iodine deficiency disorders. *International Journal of Environmental Studies* 56(2): 69-76. <https://doi.org/10.1080/00207239908711210> |
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| 10 | **Chandrajith R**, Dissanayake CB, Tobschall HJ (2000) Sources of stream sediments in granulite terrains of the Walawe Ganga Basin Sri Lanka indicated by rare earth element geochemistry. *Applied Geochemistry* 15(9): 1369-1381. <https://doi.org/10.1016/S0883-2927(99)00121-3> |
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| 12 | Dissanayake CB, **Chandrajith R**, Boudou JP (2000) Graphite as a geomarker- application to continental reconstruction of Pan-African Gondwana terrains. *Gondwana Research* 3(3): 405-413. |
| 13 | Dissanayake CB, **Chandrajith R**, Tobschall HJ (2000) The geology mineralogy and rare element geochemistry of the gem deposits of Sri Lanka. *Bulletin of the Geological Society of Finland* 72(1-2): 5-20. |
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| 17 | **Chandrajith R**, Dissanayake CB, Tobschall HJ (2001) Application of multi-element relationships in stream sediments to mineral exploration: a case study of Walawe Ganga Basin, Sri Lanka. *Applied Geochemistry* 16(3); 339-350. <https://doi.org/10.1016/S0883-2927(00)00038-X> |
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| 19 | Ranasinghe PN, **Chandrajith R**, Dissanayake CB, Rupasinghe MS (2002) Importance of grain size factor in distribution of trace elements in stream sediments of tropical high grade terrains – A case study from Sri Lanka. *Chemie der Erde* 62: 243-254. <https://doi.org/10.1078/0009-2819-00015> |
| 20 | **Chandrajith R**, Dissanayake CB, Tobschall HJ (2004) Abundance of rare earth elements in rice paddy soils from three regions of Sri Lanka. *Paddy and Water Environment* 2(3): 163-169. <https://doi.org/10.1007/s10333-004-0055-2> |
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| 24 | Premaratne U, Jayasena HAH, **Chandrajith R**, Tobschall HJ (2005) Radiocarbon dating of some plant remains in Weuda sediments from Sri Lanka. *Ceylon Journal of Science: Physical Sciences* 10: 75-79. |
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| 26 | **Chandrajith R**, Wijewardhane G, Dissanayake CB, Abeygunasekara A (2006) Biomineralogy of human urinary calculi (kidney stones) from some geographic regions of Sri Lanka. *Environmental Geochemistry and Health* 28: 393-399. <https://doi.org/10.1007/s10653-006-9048-y> |
| 27 | Dissanayake CB, **Chandrajith R** (2006) Inorganic aspects of Medical Geology. Zeitschrift der Deutschen Gesellschaft für Geowissenschaften 157(3): 9-18.  <https://doi.org/10.1127/1860-1804/2006/0157-0327> |
| 28 | Vithanage M, Mahatantila K, **Chandrajith R** (2007) A note on the in-situ occurrence of kornerupine in the Okkampitiya gem field of Sri Lanka. *Journal of Geological Society of Sri Lanka* 12: 1-6. |
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| 32 | Mahatantila K, **Chandrajith R**, Jayasena HAH, Ranawana KB (2008) Spatial and temporal changes of hydrogeochemistry in ancient Tank Cascade Irrigation Systems (TCIS) in Sri Lanka: Evidence for a constructed wetland. *Water and Environment Journal* 22(1):17-24. <https://doi.org/10.1111/j.1747-6593.2007.00077.x> |
| 33 | Jayasena HAH, **Chandrajith R**, Dissanayake CB (2008) Hydrochemistry in the groundwater flow system of a crystalline terrain: a study from Kurunegala district Sri Lanka. *Environmental Geology* 55(4): 723-730. <https://doi.org/10·1007/s00254-007-1024-z> |
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| 36 | **Chandrajith R**, Koralegedara N, Ranawana KB, Tobschall HJ, Dissanayake CB (2009) Major and trace elements in plants and soils in Horton Plains National Park, Sri Lanka: an approach to explain forest die back. *Environmental Geology* 57: 17-28. <https://doi.org/10.1007/s00254-008-1278-0> |
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| 43 | Desalegn B, Nanayakkara S, Harada K, Toshiaki, Hitomi T, **Chandrajith R**, Karunaratne U, Abeysekera T, Koizumi A (2011) Mycotoxin Detection in Urine Samples from Patients with Chronic Kidney Disease of Uncertain Etiology in Sri Lanka. *Bulletin of Environmental Contamination and Toxicology* 87: 6-10. <https://doi.org/10.1007/s00128-011-0301-4> |
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