**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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| 1 | Dissanayake CB, **Chandrajith R** (1993) Geochemistry of endemic goitre Sri Lanka. *Applied Geochemistry Suppl Issue* No 2: 211-213. [https://doi.org/10.1016/S0883-2927(09)80039-5](https://doi.org/10.1016/S0883-2927%2809%2980039-5) |
| 2 | **Chandrajith R**, Okumura M, Hashitani H (1995) Human influence on Hg pollution in lake Jinzai, Japan. *Applied Geochemistry* 10 (2): 229-235. [https://doi.org/10.1016/0883-2927(94)00042-5](https://doi.org/10.1016/0883-2927%2894%2900042-5) |
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| 11 | **Chandrajith R**, Dissanayake CB, Tobschall HJ (2000) The Stream sediment geochemistry of the Walawe Ganga Basin Sri Lanka- implication for Gondwana mineralization. *Gondwana Research* 3(2): 189-204. [https://doi.org/10.1016/S1342-937X(05)70096-4](https://doi.org/10.1016/S1342-937X%2805%2970096-4) |
| 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. |
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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> |
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| 23 | Dharmaratne T, **Chandrajith R**, Weerawarnakula S (2005) Occurrence of In-situ Corundum in Kegalle District, Sri Lanka. *Gemmologie* 54(1): 21-34. |
| 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.  |
| 25 | Vithanage MS, **Chandrajith R**, Bandara A, Weerasooriya R (2006) Mechanistic Modeling of Arsenic retention on natural red earth in simulated environmental system. *Journal of Colloid and Interface Science* 294: 265-272. <https://doi.org/10.1016/j.jcis.2005.07.026> |
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| 41 | **Chandrajith R**, Nanayakkara N, Itai K, Aturaliya TNC, Dissanayake CB, Abeysekera T, Harada K, Watanabe T, Koizumi A (2011) Chronic Kidney Diseases of Uncertain Etiology (CKDue) in Sri Lanka: geographic distribution and environmental implications. *Environmental Geochemistry and Health* 33: 267-278. <https://doi.org/10.1007/s10653-010-9339-1> |
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