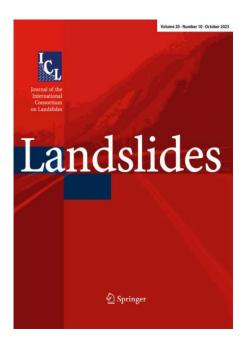




The information for the Virtual Thematic issue Landslide Risk Management: from hazards to disaster risk reduction



Integrated disaster risk management is crucial in reducing landslide risk. The International Consortium on Landslides has launched several initiatives to enhance research and practice in landslide risk management, including the Tokyo Action Plan 2006, the ISDR-ICL Sendai Partnerships 2015-2025, and the Kyoto Landslide Commitment 2020. This article presents a collection of papers covering various aspects of landslide research and disaster risk management across diverse scales and regions worldwide. To effectively manage landslide disaster risk, it is essential to have a solid understanding of disaster risk and foster a sustained collaboration between science and policy-making to strengthen disaster risk governance. The ICL is dedicated to this mission, and by working together, its members and partners can contribute to the comprehension, reduction, and mitigation of landslide disaster risk globally.

Guest Editors



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Alcántara-Ayala I, Sassa K (2023) Landslide risk management: from hazard to disaster risk reduction. Landslides, 20 (10), 2031-2037 https://link.springer.com/article/10.1007/s10346-023-02140-5

Bhuiyan TR, Muhamad N, Lim CS, Choy EA, Pereira JJ (2023) Assessing damage data availability in national landslide databases for SFDRR reporting: a case study of Kuala Lumpur as a local-level application. Landslides, 20(10), 2271-2290 https://link.springer.com/article/10.1007/s10346-023-02085-9

Alcántara-Ayala I, Sassa K (2021) Contribution of the International Consortium on Landslides to the implementation of the Sendai Framework for Disaster Risk Reduction: engraining to the Science and Technology Roadmap. Landslides, 18(1), 21-29 https://link.springer.com/article/10.1007/s10346-020-01539-8

Cheung RW (2021) Landslide risk management in Hong Kong. Landslides, 18(10), 3457-3473 https://link.springer.com/article/10.1007/s10346-020-01587-0

Kong VWW, Kwan JSH, Pun WK (2020) Hong Kong's landslip warning system—40 years of progress. Landslides, 17(6), 1453-1463 https://link.springer.com/article/10.1007/s10346-020-01379-6

Matsuoka Y, Gonzales Rocha E (2020) Sendai voluntary commitments: landslide stakeholders and the all-of-society approach enhanced by UNDRR. Landslides, 17(10), 2253-2269 https://link.springer.com/article/10.1007/s10346-020-01519-y

Pun WK, Chung PWK, Wong TKC, Lam HWK, Wong LA (2020) Landslide risk management in Hong Kong-experience in the past and planning for the future. Landslides, 17(1), 243-247 https://link.springer.com/article/10.1007/s10346-019-01291-8

Vilímek V, Klimeš J, Ttito Mamani RV, Bastante Abuhadba J, Astete Victoria F, Champi Monterroso PZ (2020) Contribution of the collaborative effort of the Czech WCoE to landslide risk reduction at the Machupicchu, Peru. Landslides, 17, 2683-2688 https://link.springer.com/article/10.1007/s10346-020-01509-0

Cui Y, Cheng D, Choi CE, Jin W, Lei Y, Kargel JS (2019) The cost of rapid and haphazard urbanization: lessons learned from the Freetown landslide disaster. Landslides, 16, 1167-1176

https://link.springer.com/article/10.1007/s10346-019-01167-x

Guo Y, Zhang C, Han Q, Shan W (2019) Seminar on "Engineering and environmental geology in the permafrost region along the Sino-Russian-Mongolian Economic Corridor under the background of climate change" and the Annual Academic Conference of 2018 of ICL-CRLN and the Cold Region Landslide Research of IPL-WCoE held in Harbin. Landslides, 16, 857-861 https://link.springer.com/article/10.1007/s10346-019-01157-z

Hostettler S, Jöhr A, Montes C, D'Acunzi A (2019) Community-based landslide risk reduction: a review of a Red Cross soil bioengineering for resilience program in Honduras. Landslides, 16, 1779-1791 https://link.springer.com/article/10.1007/s10346-019-01161-3

Klimeš J, Rosario AM, Vargas R, Raška P, Vicuña L, Jurt C (2019) Community participation in landslide risk reduction: a case history from Central Andes, Peru. Landslides, 16, 1763-1777 https://link.springer.com/article/10.1007/s10346-019-01203-w

Maes J, Mertens K, Jacobs L, Bwambale B, Vranken L, Dewitte O, ... Kervyn M (2019) Social multi-criteria evaluation to identify appropriate disaster risk

reduction measures: application to landslides in the Rwenzori Mountains, Uganda. Landslides, 16, 1793-1807 https://link.springer.com/article/10.1007/s10346-018-1030-0

Raška P (2019) Contextualizing community-based landslide risk reduction: an evolutionary perspective. Landslides, 16(9), 1747-1762 https://link.springer.com/article/10.1007/s10346-018-1099-5

Hernández-Moreno G, Alcántara-Ayala I (2017) Landslide risk perception in Mexico: a research gate into public awareness and knowledge. Landslides, 14, 351-371

https://link.springer.com/article/10.1007/s10346-016-0683-9

Klimeš J, Stemberk J, Blahut J, Krejčí V, Krejčí O, Hartvich F, Kycl P (2017) Challenges for landslide hazard and risk management in 'low-risk' regions, Czech Republic—landslide occurrences and related costs (IPL project no. 197). Landslides, 14, 771-780 https://link.springer.com/article/10.1007/s10346-017-0798-7

Sassa K, Dang K, Yanagisawa H, He B (2016) A new landslide-induced tsunami simulation model and its application to the 1792 Unzen-Mayuyama landslide-andtsunami disaster. Landslides, 13, 1405-1419 https://link.springer.com/article/10.1007/s10346-016-0691-9

He B, Sassa K, McSaveney M, Nagai O (2014) Development of ICL landslide teaching tools. Landslides, 11, 153-159. https://link.springer.com/article/10.1007/s10346-013-0460-y

Gibson AD, Culshaw MG, Dashwood C, Pennington CVL (2013) Landslide management in the UK—the problem of managing hazards in a 'low-risk'environment. Landslides, 10, 599-610 https://link.springer.com/article/10.1007/s10346-012-0346-4

Nadim F, Kjekstad O, Peduzzi P, Herold C, Jaedicke C (2006) Global landslide and avalanche hotspots. Landslides, 3, 159-173 https://link.springer.com/article/10.1007/s10346-006-0036-1

Lateltin O, Haemmig C, Raetzo H, Bonnard C (2005) Landslide risk management in Switzerland. Landslides, 2(4), 313-320 https://link.springer.com/article/10.1007/s10346-005-0018-8



