



1. **Dai FC**, Liu YH, Wang SJ. Urban geology: a case study of Tongchuan city, Shaanxi Province, China. *Engineering Geology* 1994, 38: 165-175.
2. **Dai FC**, Lee CF, Wang SJ. Analysis of slide-debris flows on Lantau Island, Hong Kong. *Engineering Geology* 1999, 51: 279-290.
3. **Dai FC**, Lee CF, Wang SJ, Feng YY. Stress-strain behavior of a loosely compacted volcanic-derived soil and its significance to fill slope failures. *Engineering Geology* 1999, 53: 359-370.
4. **Dai FC**, Lee CF. Frequency-volume relation and prediction of rainfall-induced landslides. *Engineering Geology* 2001, 59: 253-266.
5. **Dai FC**, Lee CF, Zhang XH. GIS-based geo-environmental evaluation for urban land use planning: a case study. *Engineering Geology* 2001, 61: 257-271.
6. **Dai FC**, Lee CF, Ngai YY. Landslide risk assessment and management: an overview. *Engineering Geology* 2002, 64: 65-87.
7. Tu XB, **Dai FC**, Lu XJ, Zhong HY. Toppling and stabilization of the intake slope for the Fengtan Hydropower Station enlargement project, Mid-South China. *Engineering Geology* 2007, 91: 152-167.
8. Tu XB, Kwong AKL, **Dai FC**, Tham LG, Min H. Field monitoring of rainfall infiltration in a loess slope and analysis of failure mechanism of rainfall-induced landslides. *Engineering Geology* 2008 (Accepted).
9. **Dai FC**, Lee CF, Deng JH, Tham LG. The 1786 earthquake-triggered landslide dam and subsequent dam-break flood on the Dadu River, southwestern China. *Geomorphology* 2005, 65: 205-221.
10. **Dai FC**, Lee CF. Landslide characteristics and slope instability modeling using GIS. *Geomorphology* 2002, 42(3-4): 213-228.
11. Chen J, **Dai FC**, Yao X. Holocene debris-flow deposits and their implications on climate in the upper Jinsha River valley, China. *Geomorphology* 2008, 93(3-4): 493-500.
12. Yao X, Tham LG, **Dai FC**. Landslide susceptibility mapping based on Support Vector Machine: A case study on natural slopes of Hong Kong, China. *Geomorphology* 2008, 101(4): 572-582.
13. **Dai FC**, Deng JH, Tham LG, Law KT, Lee CF. A large landslide in Zigui County, Three Gorges area. *Canadian Geotechnical Journal* 2004, 41(6): 1233-1240.
14. **Dai FC**, Lee CF. Terrain-based mapping of landslide susceptibility using a Geographic Information System: a case study. *Canadian Geotechnical Journal* 2001, 38(5): 911-923.
15. **Dai FC**, Lee CF, Li J, Xu ZW. Assessment of landslide susceptibility on the natural terrain of Lantau Island, Hong Kong. *Environmental Geology*, 40(3): 381-391.
16. **Dai FC**, Lee CF, Wang SJ. Characterization of rainfall-induced landslides. *International Journal of Remote Sensing* 24 (23): 4817-4834.
17. **Dai FC**, Lee CF. Landslides on natural terrain: physical characteristics and susceptibility mapping. *Mountain Research and Development*, 2002, 22(1): 40-47.
18. **Dai FC**, Lee CF. A spatiotemporal probabilistic modelling of storm-induced shallow landsliding using airphotos and logistic regression. *Earth Surface Processes and Landforms* 2003, 28: 527 - 545.
19. **Dai FC**, Tham LG, Lee CF, Ng KC, Shum WL. Logistic regression modeling of storm-induced shallow landsliding in time and space on natural terrain of Lantau Island, Hong Kong. *Bulletin of Engineering Geology and the Environment* 2004, 63: 315-327.