

- Bhuiyan, C. Hydrogeological factors: their association and relationship with seasonal water-table fluctuation in the composite hardrock Aravalli terrain, India. *Environ Earth Sci* **60**, 733–748 (2010).
- Chandra, S., Singh, P. K., Tiwari, A. K., Panigrahy, B. P. & Kumar, A. Evaluation of hydrogeological factors and their relationship with seasonal water table fluctuation in Dhanbad district, Jharkhand, India. *Ish J Hydraulic Eng* **21**, 193–206 (2015).
- Deng, Y., Li, H., Wang, Y., Duan, Y. & Gan, Y. Temporal Variability of Groundwater Chemistry and Relationship with Water-table Fluctuation in the Jiangnan Plain, Central China. *Proced Earth Plan Sc* **10**, 100–103 (2014).
- Ely, D. M. & Kahle, S. C. *Simulation of groundwater and surface-water resources and evaluation of water-management alternatives for the Chamokane Creek basin, Stevens County, Washington*. 10.3133/sir20125224 (2012).
- Hassan, S. M. T., Lubczynski, M. W., Niswonger, R. G. & Su, Z. Surface-groundwater interactions in hard rocks in Sardon Catchment of western Spain: An integrated modeling approach. *J Hydrol* **517**, 390–410 (2014).
- Kuruppath, N., Raviraj, A., Kannan, B. & Sellamuthu, K. M. Estimation of Groundwater Recharge Using Water Table Fluctuation Method. *Int J Curr Microbiol Appl Sci* **7**, 3404–3412 (2018).
- Leduc, C., Bromley, J. & Schroeter, P. Water table fluctuation and recharge in semi-arid climate: some results of the HAPEX-Sahel hydrodynamic survey (Niger). *J Hydrol* **188**, 123–138 (1997).
- Maréchal, J. C., Dewandel, B., Ahmed, S., Galeazzi, L. & Zaidi, F. K. Combined estimation of specific yield and natural recharge in a semi-arid groundwater basin with irrigated agriculture. *J Hydrol* **329**, 281–293 (2006).
- Moon, S.-K., Woo, N. C. & Lee, K. S. Statistical analysis of hydrographs and water-table fluctuation to estimate groundwater recharge. *J Hydrol* **292**, 198–209 (2004).
- Nygren, M. *et al.* Changes in seasonality of groundwater level fluctuations in a temperate-cold climate transition zone. *J Hydrology X* **8**, 100062 (2020).
- Sreedevi, P. D., Ahmed, S., Made, B., Ledoux, E. & Gandolfi, J. M. Association of hydrogeological factors in temporal variations of fluoride concentration in a crystalline aquifer in India. *Geo* **50**, 1–11 (2006).
- Leneuf, N. L'altération des granites calco-alcalins et des granodiorites en Côte d'Ivoire forestière et les sols qui en sont dérivés. (1959).
- Tardy, Y. *Géochimie des altérations. Étude des arènes et des eaux de quelques massifs cristallins d'Europe et d'Afrique*. (CNRS, 1969).
- Fritz, B. & Tardy, Y. Etude thermodynamique du système gibbsite, quartz, kaolinite, gaz carbonique. Application à la genèse des podzols et des bauxites. *Sci Géologiques Bulletin* **26**, 339–367 (1973).
- Gac, J.-Y. *Géochimie du bassin du lac Tchad : Bilan de l'altération de l'érosion et de la sédimentation*. (ORSTOM, 1980).
- Boulangé, B. *Les formations bauxitiques latéritiques de Côte d'Ivoire : les faciès, leur transformation, leur distribution et l'évolution du modèle*. (ORSTOM, 1984).
- Tardy, Y. & Roquin, R. Geochemistry and evolution of lateritic landscapes. in *Weathering, soils and paleosols* (Elsevier, 1992).
- Benedetti, M., Menard, O. & Noack, Y. Geochemistry of water and chemical weathering rates under humid tropical climate. in *Water - Rock Interaction* 545–548 (A. A. Balkema, Rotterdam, 1992).
- Tardy, Y. *Pétrologie des latérites et des sols tropicaux*. vol. 1 (Masson, 1993).
- Boulangé, B., Ambrosi, J.-P. & Nahon, D. Laterites and Bauxites. in *Soils and Sediments Mineralogy and Geochemistry* (ed. Springer) vol. 1 369 (Springer, 1997).
- Paquet, H. & Clauer, N. *Soils and Sediments, Mineralogy and Geochemistry*. (Springer, 1997). doi:10.1007/978-3-642-60525-3.
- Théveniaut, H. & Freyssinet, Ph. Paleomagnetism applied to lateritic profiles to assess saprolite and duricrust formation processes: the example of Mont Baduel profile (French Guiana). *Palaeogeogr Palaeoclim Palaeoecol* **148**, 209–231 (1999).
- Vasconcelos, P. M. & Conroy, M. Geochronology of weathering and landscape evolution, Dugald River valley, NW Queensland, Australia. *Geochim Cosmochim Acta* **67**, 2913–2930 (2003).
- Théveniaut, H., Quesnel, F., Wyns, R. & Hugues, G. Palaeomagnetic dating of the “Borne de Fer” ferricrete (NE France): Lower Cretaceous continental weathering. *Palaeogeogr Palaeoclim Palaeoecol* **253**, 271–279 (2007).
- Horbe, A. M. C. & Anand, R. R. Bauxite on igneous rocks from Amazonia and Southwestern of Australia: Implication for weathering process. *J Geochem Explor* **111**, 1–12 (2011).
- Vasconcelos, P. M. & Carmo, I. de O. Calibrating denudation chronology through ⁴⁰Ar/³⁹Ar weathering geochronology. *Earth-sci Rev* **179**, 411–435 (2018).
- Wells, M. A., Danišik, M., McInnes, B. I. A. & Morris, P. A. (U-Th)/He-dating of ferruginous duricrust: Insight into laterite formation at Boddington, WA. *Chem Geol* **522**, 148–161 (2019).
- Albuquerque, M. F. dos S., Horbe, A. M. C. & Danišik, M. Episodic weathering in Southwestern Amazonia based on (UTh)/He dating of Fe and Mn lateritic duricrust. *Chem Geol* **553**, 119792 (2020).
- Heller, B. M. *et al.* Reading the climate signals hidden in bauxite. *Geochim Cosmochim Acta* **323**, 40–73 (2022).