

## Publications

Nnamdi, C. C., and **Fashae, O. A.** (2025). Spatial Assessment of Expansion of Gully Morphological Parameters Between 2013 and 2018 and Their Variations Across Land Covers of Upper Imo River Basin (UIRB) Southeastern Nigeria. *Earth Sciences*, 14(5), 206-214.

Obateru, R. O., Okhimamhe, A. A., **Fashae, O. A.**, Schürmann, A., Teucher, M., & Conrad, C. (2025). Insights into Landscape Structure Change in Urbanising Rainforest and Guinea Savanna Ecological Regions of Nigeria. *Environmental Management*, 1-23.

Elamraoui, L., Elghali, A., **Fashae, O. A.**, & Benzaazoua, M. (2024). Harnessing phosphate limestone waste as a cost-effective solution for acid mine drainage treatment. *Science of The Total Environment*, 175188.

Obateru R.O and **Fashae O.A** (2024) Investigation of the Urban Gully Erosion in some Indigenous Communities of Ibadan, Southwestern Nigeria. *Journal of Mining and Geology*. 60(2):159-169

Obateru, R. O., Okhimamhe, A. A., **Fashae, O. A.**, Aweda, E., Dragovich, D., & Conrad, C. (2024). Community-based assessment of the dynamics of urban landscape characteristics and ecosystem services in the rainforest and guinea savanna ecoregions of Nigeria. *Journal of Environmental Management*, 360, 121191.

**Fashae, O. A.**, Akanle, O., Olusola, A., Orekoya, S., Israel, O. O., and Ola-lawson, O. D. (2024). Household water access and challenges of public water supply in Ibadan metropolis, Nigeria. *African Journal for the Psychological Studies of Social Issues*, 27(3).

Obateru, R. O., **Fashae, O. A.**, Osakunih, O. I., & Olusola, A. O. (2023). Hydraulic geometry influences some water quality parameters in a tropical headwater basin in southwestern Nigeria. *Acta Geophysica*, 71(4), 1857-1866.

Obateru, R. O., Adeyefa, A. O., and **Fashae, O. A.** (2023). Drought assessment and rainfall trend analysis in southwestern, Nigeria. *World Water Policy*, 9(2), 254-273.

Oludapo Olusola, A., Olumide, O., **Adeola Fashae, O.**, & Adelabu, S. (2022). River sensing: the inclusion of red band in predicting reach-scale types using machine learning algorithms. *Hydrological Sciences Journal*, (just accepted).

**Fashae, O.A.**, Obateru, R.O., Adagbasa, E.G. et al. (2022). Community-based assessment of coastal erosion in Lagos, Nigeria. *Nat Hazards* <https://doi.org/10.1007/s11069-022-05536-z>