

Metal Pollution Assessment in Sediments of the Dikrong River, N.E. India

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ABSTRACT The degree of contamination in the sediments of the Dikrong river, for the metals Al, Fe, Ti, Mn, Zn, Cu, Cr, Ni and Pb, has been evaluated using Enrichment ratio (ER), Pollution load index (PLI) and Geo-accumulation index (I_{geo}). The sediments have been found to be contaminated with Cu and Pb which has been attributed mainly to dispersion from the mineralized zone of the upper catchment area since no major industrial establishments are present in the area.