

Review of: "Pedogenic Characterization of Alluvium-Derived Soils in the Arid Region of Rajasthan, India"

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Potential competing interests: No potential competing interests to declare.

The manuscript described a complete analysis of sand fractions in the arid Thar desert region of India and is vital information to assess the productivity potentials of soils and crops based on the estimates and analysis of different sand fractions. While pedogenic studies involve many other parameters apart from sand and associated organic fractions to determine the pedogenetic processes in soils, the climatic parameters and water quality in groundwater and irrigation water from canal supplies and their impacts on cropping practices are vital to assess anthropogenic interventions that alter soil moisture regimes and pedogenetic processes and may also influence soil classification and nomenclature. These aspects must be taken care of to complete the information for the manuscript to be published in the desired journal.