

Review of: "From Earth to Art: Repurposing Clay Residues into Ephemeral Clay Sculptures of Organic Art and Styles"

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Potential competing interests: No potential competing interests to declare.

I would expect the authors to have flaws in their omissions in terms of the use of scientific criteria. They are reliable because of their training in cultural art sciences. They lack technical details that are associated with the characterization of reused clays for the application in ephemeral sculpture by means of physical-chemical techniques (X-ray diffraction, Emission Electron Spectroscopy, X-ray Fluorescence Spectroscopy, and Scanning Electron Microscopy, Atomic Absorption Spectroscopy), and mechanical properties (Elastic Compliance and Tensile Strain) of clays.

Above all, the reuse of this type of material will depend on the granulometry and plasticity properties, as well as its chemical composition, because its coloration will depend on it.

In the meantime, I would like to point out that although the approach given in this review is very subjective, I recommend that the authors review the following aspects that would make their work more technical and scientific.

1. Collect information on the microstructure of the clays that clay sculptors usually use to do their work from the literature.
2. Physical methods for optimizing the microstructure and texture of clay for reuse for application in ephemeral sculptures, and if this is an appropriate parameter in the clay molding process to shape the sculpture.
3. The color of certain clays is given according to the content of organic matter or the presence of certain metallic cations. The authors could verify if the presence of certain shades in the clays is of interest to them.
4. The collection of data from the literature can help identify the geographic origin of the clays, whose indicators allow for knowing their chemical and physical characteristics.

In this sense, and with the purpose of showing that Science and Art are complementary to each other, this review article may have a scope in the sciences as well as in the arts. I completely agree with the authors on this.

Finally, this article has a more review-dissemination-information focus on those elements that concern the authors in the reuse of the residue clays, all of them in terms of sustainable development.