

Interactive comment on “Hyperspectral longwave infrared reflectance spectra of dry anthropogenic plastics and natural materials” by Shungudzemwoyo P. Garaba et al.

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Reply to reviewer Manuscript Title : Hyperspectral longwave infrared reflectance spectra of dry anthropogenic plastics and natural materials Authors : Garaba, Acuña-Ruz and B. Mattar Journal : Earth System Science Data (ESSD)

Vincenzo Palleschi (Referee)

Referee comment - 1 General Comments The manuscript submitted reports an interesting study on the TIR reflection behaviour of different kind of materials (natural and anthropogenic) collected on the shorelines of Chiloé Archipelago, Chile. The data re-

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ported are available in the online PANGEA database. The work, with the limitations discussed by the authors (the measurements were performed in a laboratory, and the materials were distinguished very coarsely between Sands, Shells and Algae, as natural materials, and Styrofoam, Nautical ropes and straps, Gunny sacks, Fragments and other Plastics) could be important for remote sensing of plastics and would surely foster further studies in this specific spectral range.

Author response - 1 We appreciate your kind words and taking the time to review our manuscript.

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