Reply on CC1
F. Bucci

Community comment on "A new digital Lithological Map of Italy at 1:100.000 scale for geo-mechanical modelling" by Francesco Bucci et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2022-26-CC2, 2022

We thank Giovanni Forte for the appreciation of our work. Indeed, we expect that sharing this geolithological dataset on a national scale will trigger a growing number of studies exploring the lithological control on several natural phenomena. In this work, lithotypes have been differentiated basing on their expected geo-mechanical properties in relation to slope stability. Despite the specific purpose, the map and the associated database can be easily enhanced/reclassified using different or additional criteria and thus can be relevant to a wide range of studies.