

Review of: "Quantifying the Environmental Impact: A Comparative Analysis of Consensus Algorithms in Blockchain for Carbon Footprint Reduction and Mitigating Climate Change"

Davut Çulha¹

¹ ASELSAN Inc.

Potential competing interests: No potential competing interests to declare.

The paper analyzes major building consensus algorithms and their effects on the climate. The selected algorithms are appropriate. However, their effects on the climate should be explained with proofs. For this reason, a model for the blockchain can be designed, and energy consumption and the carbon intensity factor can be approximated for each consensus algorithm.